The Annual Quality Assurance Report (AQAR) of the IQAC

2016-2017

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

> NIRMALA COLLEGE FOR WOMEN

1.2 Address Line 1

> Kamaraj Road

Address Line 2

> Red Fields

City/Town

> Coimbatore

State

> Tamil Nadu

Pin Code

> 641 018

Institution e-mail address

> nirmalacollege@rediffmail.com

Contact Nos.

> 0422-2223469

Name of the Head of the Institution:

> Dr. Sr. I. Arockiarani

Tel. No. with STD Code:

> 0422 - 2223469

Mobile:

> 94862 37572

Name of the IQAC Co-ordinator:

Dr. Pawlin Vasanthi Joseph

Mobile:

9655513364

IQAC e-mail address:

iqacnirmala@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNCOGN11375

OR

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

BC/53/RAR/64

1.5 Website address:

www.nirmalacollegeonline.ac.in

Web-link of the AQAR:

http://www.nirmalacollegeonline.ac.in/iqac_aqar.html

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A		2004	5
2	2nd Cycle	A	3.44	2010	5
3	3rd Cycle	A	3.62	2015	5
4	4th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC:

21.06.2004

1.8 AQAR for the year *(for example 2010-11)*

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*
  • AQAR 2015-16 Submitted to NAAC on 04-01-2017

1.10 Institutional Status
      University   :   **-**
      Affiliated College   :   **Yes**
      Constituent College   :   **No**
      Autonomous college of UGC   :   **Yes**
      Regulatory Agency approved Institution :   **No**

Type of Institution	:	**Women, Urban**	
Financial Status	:	**Grant-in-aid** + Self Financing,	

UGC 2(f): **1983,** UGC 12B: **1956**

1.11 Type of Faculty/Programme

- o **Arts**
- o **Science**
- o **Commerce**

1.12 Name of the Affiliating University *(for the Colleges)*

Bharathiar University, Coimbatore - 641 046

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

Autonomy by State/Central Govt. / University : | Yes |

DST Star Scheme   : **Recognised under DBT Star College**

Scheme

UGC Innovative PG Programme   : **Bioinformatics**

UGC-COP Programmes   : 4

- **E-commerce**
- **Medicinal Botany**
- **Floriculture & Bonsai**
- **Vermitechnology**

DST-FIST   : **Recognised under DST FIST at Level 0**

2.   IQAC Composition and Activities

2.1   No. of Teachers | 7 |

2.2   No. of Administrative/ Technical staff | 1 |

2.3   No. of students | 3 |

2.4   No. of Management representatives | 2 |

2.5   No. of Alumni | 2 |

2. 6 No. of any other stakeholder and

community representatives | 2 |

2.7   No. of Employers/ Industrialists | 2 |

2.8   No. of other External Experts | 2 |

2.9   Total No. of members   21

2.10 No. of IQAC meetings held   10

2.11 No. of meetings with various stakeholders: No.   8   Faculty   2

        Non-Teaching Staff & Students   2+2   Alumni   2   Others   -

2.12 Has IQAC received any funding from UGC during the year?

                No

2.13 Seminars and Conferences (only quality related)
      (i) No. of Seminars/ Conferences/ Workshops/ Symposia organized by the IQAC

      Total Nos 2   International   -   National   1   State   -   Institution Level   1

      (ii) Themes   "IPR and Highly Effective Teaching Learning Methodologies"

2.14 Significant Activities and contributions made by IQAC

15.06.16	Orientation Programme on "Life Skills" by Rev. Fr. Jegath Gaspar, Goodwill community, Chennai
12.07.16	Demonstration of Hatha Yoga for Staff members was conducted by Jayanthi Prasanth, Yoga trainer
02.08.16	Breast feeding awareness programme for students by Dr. Krithika G, Rao Hospital, Coimbatore
11.08.16	Talk on Implications of New Education Policy by Rev. Father Maria Joseph, St. Joseph's Matriculation School, Ondipudur
27.08.16	Orientation Programme for Staff members on Institutional Preparation for College with Potential for Excellence
07.09.16	Awareness to Rank holders among I PG Students on the Scholarship by UGC
14.09.16	Motivated II PG students and staff members to send proposals for mini projects to TANSCHE
12.10.16	Orientation to staff members on Institutional participation for NIRF
02.12.16	FDP on Research, Consultancy and Extension by Dr. N. Latha, Associate Professor of Biochemistry and Coordinator DBT-BTISNet Bioinformatics centre, Sri Venkateswara College, New Delhi
04.01.17	Submission of AQAR for the academic year 2015-16
17.02.17	Seminar on "IPR and Highly Effective Teaching Learning Methodologies" by Dr. M. Kantha Babu, Professor, Department of Manufacturing Engineering, Anna University, Chennai

March 2017	Feedback from students on NAAC based criteria and on faculty members collected online and analysed
April 2017	Staff self-appraisal and Preparation of Newsletter for the academic year 2016-17

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	Outcome Achieved
Orientation for teaching staff	• Orientation for staff members on NIRF
Infrastructure resource enhancement	Purchase of books and equipments to meet the requirements
College Development	• DST- FIST Sanctioned at Level 0 • Departments of Mathematics, Geography and Computer Science were included under DBT Star College Scheme • College secured 65th rank in MHRD-National Institutional Ranking Framework (NIRF)
Initiation of new programmes	• B.Sc., Physics • Research Programme in Tamil
Student Support	• 7 Students were selected for Indhira Gandhi Single Girl Child Scholarship by UGC
Promotion of Research	• 4 minor projects Sanctioned • Maulana Azad National Fellowship for Minority Students by UGC - 2 Research Scholars • Tamilnadu Educational Trust Scholarship for Meritorious & Economically Backward Students - 1 Research scholar • Research Fellowship for Research Scholars (TNSCST) - 1 Research Scholar and a sum of Rs. 3,00,000/- was sanctioned • FDP on "Research, Consultancy and Extension" was organized • Seminar on "IPR and Highly Effective Teaching Learning Methodologies" was organized
Strengthening placement and career counselling	• MoU with IBM signed for training • 4 On Campus and 6 Off-campus placement drives were conducted • 169 students were placed

Attach the Academic Calendar of the year as Annexure. (**Annexure - I**)

2.15 Whether the AQAR was placed in statutory body: **Yes**

   Management   : **Yes**

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 Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D	8	1(Tamil)	7	-
M.Phil.	8	1(Tamil)	7	
PG	10	-	8	-
UG	17	1 (Physics)	9	-
PG Diploma	2	-	-	
Adv. Diploma	-	-	-	1
Diploma	1	-	-	1
Certificate	7	-	-	2
Others:		-	-	-
CPOP	3			
Offered by IBM	-	-	-	3
Total	**56**	**3**	**31**	**7**

Interdisciplinary	8			
Innovative	1			

1.2 (i) **Flexibility of the Curriculum**:
  ➢ Choice Based Credit System is followed
  ➢ Option in Elective papers and Skill based papers
  ➢ Option to take one Self Study paper from III semester onwards for which students get an additional two credits per paper

(ii) **Pattern of programmes**:

Pattern	Number of programmes
Semester	All UG and PG programmes
Trimester	-
Annual	M.Phil programmes

1.3 Feedback from stakeholders* Alumni : Yes   Parents : Yes   Employers: Yes   Students : Yes

(On all aspects)

Mode of feedback : Online Yes   Manual Yes   Co-operating schools (for PEI) -

Please provide an analysis of the feedback in the Annexure. **(Annexure – II)**

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

- ➢ Revisions are made in the departments, approved by the Curriculum Development Cell, passed through the Board of Studies and forwarded to the Academic Council for ratification
- ➢ On 3rd December 2016, Tamil, Hindi, French, Economics, Botany, Zoology, Geography, Computer Science, BCA, and B.Sc. Information Technology departments conducted their Board of Studies meeting.
- ➢ Geography Department is to conduct a certificate course on GIS from June 2017
- ➢ Functional Hindi was insisted by the Hindi Board
- ➢ Economics Department introduced a paper on "Banking Law and Practice"
- ➢ Botany department introduced a major change in Anatomy, Embryology, Bioinstrumentation, Bio reserve, Processing and preservation of fruits and vegetables keeping in view recent updates in the field and to inculcate entrepreneurship
- ➢ Computer Science, BCA, Information Technology departments to introduce concepts like Python Programming, XML, HTML, Embedded systems, Big Data Analysis, Data Mining with MATLAB, Cloud computing, Artificial Intelligence, Relational Database Management System
- ➢ One online paper "Review on Computer Science" was recommended by the Board of Computer Science Department.
- ➢ IBM conducted Career Education Programmes on Mobile Application, Software Testing and COGNOS

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

- • B.Sc.Physics (Unaided)

CRITERION – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
139	114	23	-	2

2.2 No. of permanent faculty with Ph.D.   53

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
-	2	-	-	-	-	-	-	-	2

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	1	-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	26	2
Presented papers	23	30	-
Resource Persons	-	9	-

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

- ICT enabled Teaching and Learning through Smart boards, Power Point Presentations
- Experiential learning through Field trips/ Educational tours/ Industrial Visit/ Institution visit
- On-line examination for papers like Environmental Studies and General Awareness

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

180

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

Environmental studies and General awareness exams under Part IV are conducted online

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus Development as member of Board of Study/Faculty/Curriculum Development workshop:
Board of Studies-142
Subject Experts- 45

2.10 Average percentage of attendance of students

90%

2.11 Course/Programme wise distribution of pass percentage : **Annexure III Attached**

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

- IQAC makes periodic assessment of teaching learning process through academic audit.
- Monitoring is done through staff appraisal and students' feedback.
- Suggests new changes in courses to the academic boards for incorporation into the Teaching – Learning process.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	4
Staff training conducted by the university	3
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	35
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	8	9	9	1
Technical Staff	15	12	7	-

CRITERION – III

3. Research, Consultancy and Extension

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

- IQAC conducts meeting for promoting research climate in the campus

- DST FIST grant received for Research and development

- Freedom to carryout research activities

- Faculty motivated to participate in International conferences and to avail travel grants from various funding agencies.

- Guidance for getting fellowships and scholarships for Research scholars.

- Research program in Tamil initiated

- Experts are invited for the research orientation of the staff.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	6	4	--
Outlay in Rs. Lakhs	-	-	9,10,000/-	-

3.4   Details on research publications

	International	National	Others
Peer Review Journals	135	5	-
Non-Peer Review Journals	-	-	-
e-Journals	135	5	-
Conference proceedings	18	35	-

3.5 Details on Impact factor of publications:

Range   0.497-6.226   Average   3.093   h-index   48   Nos. in SCOPUS   42

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	Received
Major projects	-	-	-	-
Minor Projects	2 years	UGC-SERO	9,10,000	1,57,810
Interdisciplinary Projects	-			
Industry sponsored	-			
Projects sponsored by the University/ College	-			
Students research projects *(other than compulsory by the University)*	3 years	TNSCST	6,00,000	
Any other(Specify)	5 years	DST-FIST	70,00,000	52,50,000
Total			**85,10,000**	**54,07,810**

3.7 No. of books published   i) With ISBN No.
[1]   Chapters in Edited Books [1]

ii) Without ISBN No. [9]

3.8 No. of University Departments receiving funds from

UGC-SAP [-]   CAS [-]   DST-FIST [-]

DPE [-]   DBT Scheme/funds [-]

3.9 For colleges   Autonomy [YES]   CPE [NO]   DBT Star Scheme [6]

INSPIRE [NO]   CE [NO]   Any Other (specify) [DST-FIST]

3.10 Revenue generated through consultancy [Rs. 21,696 /-]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	3	14	--	3
Sponsoring agencies	-	ICHR UGC INSA	UGC AUTONOMOUS FUND		DBT

3.12 No. of faculty served as experts, chairpersons or resource persons   9

3.13 No. of collaborations   International   -   National   1   Any other   -

3.14 No. of linkages created during this year   1

3.15 Total budget for research for current year in lakhs :

   From Funding agency   Rs. 54,07, 810

   From Management of University/College   Rs. 5,00,000

   Total   Rs. 59,07,810

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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
2	-	2	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides   33

   and students registered under them   25

3.19 No. of Ph.D. awarded by faculty from the Institution   6

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

   JRF   4   SRF   -   Project Fellows   1   Any other   1

3.21 No. of students Participated in NSS events:

   University level   387   State level   1372

   National level   50   International level   -

3.22 No. of students participated in NCC events:

University level $\boxed{5}$ State level $\boxed{45}$

National level $\boxed{20}$ International level $\boxed{-}$

3.23 No. of Awards won in NSS:

University level $\boxed{-}$ State level $\boxed{-}$

National level $\boxed{-}$ International level $\boxed{-}$

3.24 No. of Awards won in NCC:

University level $\boxed{-}$ State level $\boxed{5}$

National level $\boxed{1}$ International level $\boxed{-}$

3.25 No. of Extension activities organized

University forum $\boxed{-}$ College forum $\boxed{4}$

NCC $\boxed{5}$ NSS $\boxed{8}$ Any other $\boxed{40}$

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

   Social Responsibility

- Awareness camps on social problems.
- Blood donation camp conducted.
- Plantation programs conducted.
- Sanitary facilities for the rural school.
- Special health camp for the rural school children.
- Helping the people in the old age home.
- Environmental awareness program to reduce the use of plastic and paper.
- Coaching classes for the SC/ST school children.

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	15.9 acres	-	-	15.9 acres
Class rooms	60	9	-	69
Laboratories	22	-	-	22
Seminar Halls	3	-	-	3
No. of important equipments purchased (≥1-0 lakh) during the current year.	11	-	DST-SERB start up research grant	11
Value of the equipment purchased during the year (Rs. in Lakhs)	42.57	-	-	42.57
Others	-	-	-	-

4.2 Computerization of administration and library

- Attendance submission is made online
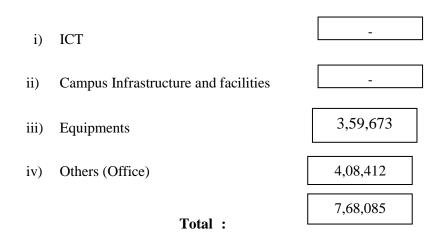- Library and office of the Controller of Examinations are automated

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value (Rs.)
Text Books	51,634	64,06,447	762	2,42,699	52,396	66,49,146
Reference Books	4,464	4,45,519	70	10,479	4,534	4,55,998
e-Books	0	0	0	0	0	0
Journals	1095	25,17,252	133	2,98,506	1,228	28,15,758
e-Journals	INFLIBNET 30,00,000 & 6000	35,725		5,750		41,475
Digital Database	EBSCO	1,70,800	-	-	-	1,70,800
CD & Video	277	82,834	26	12,089	303	94,923
Others (specify)	Globe(1)	7,850	1			7,850
DELNET		80,500	-	11,500	-	92,000
Map	42	5,223	-	-	42	5,223
CD for visually challenged	1,100	49,980	-	-	1,100	49,980

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	445	10	6 mbps	1	-	20	84	341
Added	17	-	-	-	-	2	15	-
Total	462	10	6 mbps	1	-	22	99	341

4.5 Computer, Internet access, training to teachers and students and any other
    programme for technology Upgradation (Networking, e-Governance etc.)

- Online democratic election of the College Union Office Bearers
- Mobile alert to the examiners
- Scanning of student ID for ascertaining seating arrangement for End Semester Examination

4.6 Amount spent on maintenance in lakhs:

i) ICT | - |

ii) Campus Infrastructure and facilities | - |

iii) Equipments | 3,59,673 |

iv) Others (Office) | 4,08,412 |

                    Total : | 7,68,085 |

CRITERION – V

5. Student Support and Progression

5.1 Contribution of IQAC (IF ANY AT DEPARTMENT LEVEL) in enhancing awareness about Student Support Services

- Career guidance and Counselling.
- Skill development programme offered by Institutes and the college.
- Collecting feedbacks from the students at the end of the year and addressing their issues.
- Awareness of the presence of the anti ragging committee in the college.
- Orientation programme for the students and Retreat for catholic students.
- Student counsellor available in the campus on specific days.
- Supporting students by providing financial assistance from DBT for doing projects.
- The IQAC cell conducts Faculty Development Programme for the staff members.
- Book bank facilities in the departments and central library.
- Financial assistance for needy students.
- Scholarships and fellowships from various funding agencies.
- Assistance given to students to do part time jobs.
- Remedial classes for the slow learners.
- NET/SLET and Civil Services coaching classes conducted.

5.2 Efforts made by the Institution/Department for tracking the progression

- Feed back of students.
- Class tests, quiz, book review competitions, assignments and seminars are conducted regularly.
- Counselling and mentoring are given to the needy students.
- Term Fees and examination fees are paid by the department to the financially marginalized students.
- Various Competitions are conducted on days of importance to bring out the innate talents of the students.
- Guest lectures, workshops and seminars are organized.

- In order to develop the writing skill, the department encourages the students to contribute articles to the Department journal 'Historica'.
- Encouraging students to present and publish papers in seminars and conferences
- Continuous internal assessment.
- Parent teachers meeting to appraise the performance of the students and necessary measures are taken for their improvement.
- Bridge course is conducted at the entry level of the students
- Student's performance record is maintained by the tutor.
- Various committees to support the students such as Student welfare, Grievances and Redressal cell.
- Consumer Club received the First prize at the District level from the Tamil Nadu Government.

5.3 (a) Total Number of students

UG	PG	Others (M.Phil)	Ph.D	TOTAL
2332	407	62	24	2825

(b) No. of students outside the state

129

(c) No. of International students

3

(d)

Last year (2015-2016)						Current year (2016-2017)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
302	389	12	1827	11	**2530**	301	377	40	2021	86	**2825**

(e)

Demand ratio= Strength sanctioned by university: applications actually received	1:4
Dropout %: (Dropouts/Strength)*100	3.2%

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

No. of student beneficiaries

185

5.5 No. of students qualified in these examinations

NET	SET/SLET	GATE	CAT	IAS/IPS	State PSC	UPSC	Others
6	2	1	-	-	-	-	5

5.6 Details of student counseling and career guidance

- 1.Counselor is available in the college campus
- 2.Career guidance cell and Placement cell in the college campus

No of students benefitted:

More than 550

5.7 Details of campus placement :

No. of organizations Visited	No. of students participated	No. of students placed- On Campus	No. of students placed-Off Campus
11	273	95	74

5.8 Details of gender sensitization programmes

- Women Rights Programme by Chetna Women cell
- Women's day Programme

5.9 Students Activities

5.9.1 No. of students participated in **Sports, Games** and other events: **Sports**

Sports,Games	No. participated
State/University level	190
National level	6
International level	-

No. of students participated in **Cultural events**:

Cultural events	No. participated
State/University level	19
National level	262
International level	-

5.9.2 No. of medals/awards won by students in **Sports, Games and others**:

State/University level	146
National level	3
International level	-

No. of **medals /awards** won by students in **Cultural events**:

State/University level	14
National level	45
International level	-

5.10 Scholarships and Financial Support :

	Number of students	Amount in (Rs.)
Financial support from Institution/Department	151	5,88,150.00
Financial support from government	745	47,19,070.00
Financial support from other sources(Office)	106	2,73,291.00
OSA	12	24,515.00
Trust	34	59,205.00
Sponsor	37	2,68,223.00
Number of students who received International/National recognitions	1	-

5.11 Student organized /initiatives **Fairs**

State/University level	-
National level	-
International level	-

Student organized /initiatives **Exhibition**

State/University level	3
National level	-
International level	-

5.12 No. of Social initiatives undertaken by the students

- Awareness on Demonetization
- Demonstration on Digital Banking to the students of other Disciplines
- Students visit Mother Teresa Old Age home to provide toiletries to the senior citizens residing in the home
- Blood group test for Primary school children and Tribal people
- Awareness program on industrialization and effects of cutting of trees.
- Donation of stationeries, megaphone and writing table, chairs for village school children.
- Planting of hardwood trees in the college campus.
- Eco trip : trek into forest to create plastic awareness.
- Production of Vermicompost as organic manure for public /staff/students.
- Social Service League
- The students of the departments with a motto of serving the society practice contributing a small amount on the Wednesdays of every week. At the end of the year, the contributions are given to the charity homes.
- EACH ONE – TEACH ONE (Teaching-Learning process)
- Dump Box was given to the students to improve their saving habit.
- Consumer Awareness was given to the school students through an exhibition

5.13 Major grievances of students (if any) redressed:

- Coaching classes and Motivation given for physically challenged students.
- Personal counselling given to few students for addressing the personal, family and psychological needs.
- Improvement in the department Infrastructure.

CRITERION – VI

6. Governance, Leadership and Management

6.1   State the Vision and Mission of the institution

Vision:
    To equip young women with quality education and life skills, personal skills and social skills that ensures productivity and confidence to take the rightful place in all areas of life, public and private

Mission:
- To nurture intellectual curiosity
- To develop a holistic personality
- To instil social commitment and
- To promote National Integration

6.2   Does the Institution have a management Information System

Yes, the Institution has Management Information System to manage General administration, Student attendance, Continuous Internal Assessment and the Autonomous system.

6.3   Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Curriculum Development Cell has been established.
- The changes to be made in the curriculum are to be approved by the Board of Studies through Curriculum Development Cell and then implemented in the department.

6.3.2   Teaching and Learning

- Slow learners have been identified, extra coaching is given for their better performance through tutorial and remedial classes
- Continuous evaluation is done through class tests/assignments/seminars
- Expert Lectures, PPT's, Lab experiments on theoretical concepts is being given to students
- Encouraging students to participate in placement trainings.
- Usage of smart boards is enhanced

6.3.3   Examination and Evaluation

- Digitalised office for Controller Of Examinations
- Autonomous end semester examination papers are being set and evaluated by external experts. Results are being declared within 15 days
- Consolidated Mark Sheets are provided with Students' Photograph.
- Assignment, PPT, Seminar and Quiz are evaluated as one of the components in Continuous Internal Assessment which help the students to get better marks
- Revaluation and Supplementary exams for the outgoing students are conducted within 10 days after the declaration of the results.

6.3.4   Research and Development

- Research committee has been established. The research committee members monitor and address the issues of research.
- DST-FIST grant received for research development.
- Freedom to carry out research activities in college laboratories
- Motivated to participate in International conference and to get travel grants from various funding agencies
- Guidance for getting fellowships and Scholarships for research scholars
- Research programme initiated in Tamil Department and Experts are invited for orientation of staff towards research

6.3.5   Library, ICT and physical infrastructure / instrumentation

- Online Public Access Catalog software for library management
- Touch screen for the students' entry in the library
- Introduced New software digital dictionary for students (Narmada English-Tamil)
- Installed UPS in the digital library for Rs. 2 lakhs
- Purchased 26 CD's and videos

6.3.6 Human Resource Management

- Staff welfare committee and Non-teaching staff association look after the affairs of the teaching and nonteaching staff respectively.
- For student affairs, Student Union Council is being elected through democratic elections by online voting.
- Counsellor is available for students.
- Placement cell helps the students to develop communication skills and soft skills to face interviews effectively.

6.3.7 Faculty and Staff recruitment

Staff members are recruited by the Management whenever a vacancy arises following Government norms

6.3.8 Industry Interaction / Collaboration

- Industrial Visit is being arranged for the students in the department.
- Students are sent to industries for project work and Hands on training
- Professionals and experts from the industry are invited as guest speakers
- Certificate course is given to all the outgoing students in collaboration with IBM
- Placement training is given to Computer Science students in collaboration with CTS

6.3.9 Admission of Students

Admission is done on the basis of merit and reservation policies of government applicable to minority institutions

6.4 Welfare schemes for

Teaching staff	Health checkup, contribution to PF
Non teaching staff	Interest free loan, fee concession for the children, contribution to PF
Students	- Noon Meal Scheme - Health checkup, Freeships and scholarships and Placement - Assistance for procurement of Aadhaar card, Voter Id, Passport, PAN card etc - NET/SLET, civil services coaching - Communication skill and soft skill training

6.5 Total corpus fund generated

Rs. 34,38,850/-

6.6 Whether annual financial audit has been done   :   **Yes**

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Subject experts	Yes	IQAC
Administrative	No	Mock Peer Team	Yes	V.K.S Iyer

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

For UG Programmes **: Yes**
For PG Programmes **: Yes**

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

- Digitalisation of seating arrangement during exams
- Digitalisation of Continuous Internal Assessment marks
- Personalized exam application with photographs and fees details
- Academic ledger for students – Introduced
- Evaluation process involves coding and decoding of answer scripts

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- By sanctioning increased strength in the PG Department of Mathematics and Chemistry
- University nomination of eminent persons for the college Academic Council and Board of Studies to design the curriculum and provide suggestions to improve the quality of education in the college

6.11 Activities and support from the Alumni Association

- Old Students Association meets are conducted periodically
- Old Students Association Scholarship for meritorious and needy students
- Felicitating retiring staff
- Interaction with present students for motivation and guidance

6.12 Activities and support from the Parent – Teacher Association

- Parent-Teacher Meetings are organised to provide the overall performance of their wards
- Parents feedback are analysed and used for improvement in academics and infrastructure
- Parents contribute their expertise through guest lecture/orientation programmes

6.13 Development programmes for support staff

Training on the maintenance of files and drafting of communications

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

- Ban on the use of plastics
- Use of newspaper bags in the canteen supplied by the department of Geography
- Planting of 150 new saplings and plantation like medicinal herbs, Bonsai are set in college campus
- Production of Vermicompost manure by the Department of Zoology

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.

- Each department implements its own best practices. Management Information Systems on various matters, academic and administrative, enable efficient administration
- ICT enabled teaching-learning through interactive white board, e-content and e-assignment.
- Signed MOU with IBM Career Education for Software Testing, Mobile Application and Cognos
- Awareness programme on Environmental Audit was organized in collaboration with Bishop Heber College, Trichy
- Online fee payment, Online voting system and Online Examinations for General awareness paper were introduced
- Technology driven campus which helps in sharing of information regarding examinations, such as hall tickets, time tables, seating arrangements, attendance, internal marks, results, revaluation procedures well appreciated by the stakeholders
- College Newsletter "CODEX" was published twice a year
- Department of Computer Science, Computer Applications and Information Technology initiated "TEQZO CONSULTANCY", in order to enhance the designing and technological skills of staff and students through its services, where students are trained in the areas like designing brochures, invitations, newsletters and all other DTP works.
- Department of Computer Science, Computer Applications and Information Technology introduced "Comp Tech Club" to implement an environment where students with varying degrees of computer and technology skills can work together to enhance their academic achievements and experience through volunteer services, activities, and partnerships with local industry.
- Department of Computer Science, Computer Applications and Information Technology Newsletter "TECH FORUM" was published

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

- Student support activities like Association meetings, Guest lectures, Seminars/ Conferences, Field trips, Industrial/ Institutional visits, educational tours, competitions, tutor-ward meetings and remedial programmes were conducted by all departments as planned in the beginning of the year and documented.
- Students attended training programmes organized by placement cell and 169 placed
- Research activities enhanced through more publications and more project fundings.
- MoU's signed by department of Commerce, Computer Science, Computer Applications and Information Technology
- Interdisciplinary activities and competitions to involve students of other disciplines

7.3   Give two Best Practices of the institution *(please see the format in the NAAC Self-study*

- Quick publication of Results
- Promotion of Research

Provide the details in annexure (**Annexure - IV**)

7.4   Contribution to environmental awareness / protection

- Installation of solar panels to meet partial power requirement
- Construction of Rain water harvesting structures
- Organizing seminar on environmental awareness by the departments of Tamil and Zoology
- Activities of the Eco Club and Energy club
- Lectures on Renewable energy Sources, energy Conservation and visit to Energy park
- Solid waste management by vermicomposting
- Use of plastic cups and plates in the campus highly restricted. Paper bags are prepared by the Department of Geography and supplied to canteen and other outlets free of cost.
- Publication of Eco magazine and Bio-diversity survey by the Zoology department
- The annual Wild life week celebration by the Department of Zoology
- Awareness programmes on water conservation, tree planting and campus cleaning by NSS, NECTAR and YRC volunteers
- 10 saplings were planted in the campus by the Department of Botany
- Indoor plants were supplied to all departments by the department of Botany to control indoor pollution

7.5   Whether environmental audit was conducted?   **No**

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

- Departments of Botany, Zoology and Chemistry have been elevated to the **Star status by DBT**
- 65th Rank in **NIRF**
- Reaccredited with A grade in the First, Second and in Third cycle (CGPA of 3.62)
- A sum of Rs. 36,00,000/- has been sanctioned under the DBT Star College Scheme for Strengthening of Life Sciences to the departments of Mathematics, Computer Science and Geography
- A sum of Rs. 70,00,000/- has been sanctioned under the **DST-FIST** Scheme to the departments of Botany, Zoology, Chemistry, Geography and Mathematics
- SWOC Analysis of all departments conducted **(Annexure - V)**

8. Plan of institution for next year

- To organize Online programmes under the MHRD platform
- To include more departments under the DBT star college scheme (Economics and Management)
- To create more MOU's with industries at the department level
- To strengthen programmes with IBM according to the needs of the students

Name: Dr. Pawlin Vasanthi Joseph   *Name: Dr.Sr.I.Arockiarani*

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

Annexure – I
Academic Calendar of the Year 2016 - 2017

S.No	Date	Event
1	15.06.16	Faculty Development Programme
2	16.06.16	College reopened – Holy Mass
3	20.06.16	College opened for 1st year students – Holy Mass (Orientation)
4	01.07.16	College Union Election
5	08.07.16	Awareness program on 'ANTI RAGGING'
6	13.07.16	Union Inaugural Function
7	15.07.16	Fresher's Day 2016
8	15.08.16	Independence Day Celebrations
9	12.08.16 - 19.08.16	Continuous Internal Assessment - I
10	27.08.16	32nd Annual Graduation Day
11	06.09.16	Teachers Day Celebration
12	09.09.16	Seminar on Women Empowerment for final year Students
13	19.10.16 26.10.16	Continuous Internal Assessment - II
14	03.11.16 12.11.16	Semester Examinations
15	13.11.16	Semester Exam Valuation
16	23.11.16	Commencement of II semester
17	02.12.16	FDP on Research, Consultancy and Extension by Dr. N. Latha, Associate Professor of Biochemistry and Coordinator DBT-BTISNet Bioinformatics centre, Sri Venkateswara College, New Delhi
18	09.12.16	Condolence Meet for honourable Chief Minister Ms.J.Jayalalitha
19	17.12.16 &19.12.16	UNIFEST 2016
20	23.12.16	Christmas Celebrations
21	27.01.17 03.02.17	Continuous Internal Assessment I
22	07.02.17	Founder's Day Celebrations
23	13.02.17	Sports Day
24	06.03.17	Women's day celebrations
25	07.03.17	College Day
26	15.03.17	Governing Body Meeting
27	21.03.17	Valedictory function of the College Union
28	22.03.17 28.03.17	Continuous Internal Assessment II
29	30.03.17	Students farewell
30	30.03.17	Academic Council meeting
31	18.04.17	Last Working Day
32	23.04.17	Valuation of Examination scripts

Annexure - II
Feedback from Outgoing Students (2016-2017)

S.No	Parameters	Percentage			
		Excellent	**Good**	**Satisfactory**	**Not satisfactory**
1	Course Content	53.27	37.60	7.22	1.91
2	Syllabus Coverage	45.10	36.92	13.35	4.63
3	Relevance of Course to real life	47.82	33.52	15.12	3.54
4	Learning value in terms of knowledge, concepts, analytical skill, broadening perspective etc.,	50	34.06	12.81	3.13
5	Course system (Choice based credit system)	45.50	39.24	12.13	3.13
6	Class room facilities	38.69	32.70	19.76	8.85
7	Laboratory facilities	44.41	32.02	18.39	5.18
8	Library reference facilities	58.03	25.89	11.58	4.50
9	Browsing facilities	38.97	26.98	18.67	15.38
10	Method of teaching	50.54	32.43	14.17	2.86
11	Teacher student relationship	50.14	30.65	13.76	5.45
12	Subject knowledge of the teachers	55.89	31.87	10.07	2.17
13	Delivery of the subject by the teachers	47.96	36.10	13.08	2.86
14	Accessibility of the teacher	48.23	36.24	12.67	2.86
15	Evaluation system	43.32	38.15	14.17	4.36
16	Fairness in Internal assessment	39.10	45.37	11.18	4.35
17	CIA components	38.01	42.23	16.49	3.27
18	Benefits from Field training/Industrial visit/Project	44.14	25.20	17.58	13.08
19	Provision to study additional papers	43.60	37.60	14.85	3.95
20	Choice of Skill based papers	47.68	31.34	17.17	3.81
21	Placement and career guidance	36.10	25.07	20.03	18.80
22	Opportunities of self-improvement	44.29	29.29	18.52	7.90
23	Students association activities	42.77	31.06	16.90	9.27
24	Sport activities and encouragement	52.32	23.16	15.53	8.99
25	Personal guidance and counselling	43.32	30.25	15.67	10.76
26	Students grievance redressed	36.24	36.65	17.17	9.94
27	Guidance for co-curricular and extracurricular activities	42.10	30.52	18.94	8.44
28	Financial and scholarship assistance	46.73	30.11	14.85	8.31
29	Office assistance	41.42	34.74	18.26	5.58
30	Basic amenities	37.46	33.24	19.90	9.40
31	Canteen facilities	35.97	26.57	23.16	14.30

Annexure III

Course/Programme wise distribution of pass percentage

Result – April 2017

UG Programmes 2014- 2017 BATCH

Course	III	II	I-X	I-D	I	Total	November 2016	April 2017
B.A Economics	2	20	0	2	27	51	82.46%	81.48%
B.A English Literature	0	12	0	8	36	56	94.55%	98.18%
B.A History	0	24	0	0	17	41	68.63%	80.00%
B.B.A Business Administration	0	10	0	5	22	37	63.16%	72.41%
B.C.A Computer Applications	0	1	0	6	41	48	72.46%	52.31%
B.Com CA	0	3	0	4	35	42	63.46%	86.00%
B.Com Commerce	0	9	0	9	38	56	100.00%	87.27%
B.Com Professional	0	0	0	10	26	36	78.43%	82.00%
B.Sc Botany	0	0	1	18	21	40	82.98%	93.18%
B.Sc Chemistry	0	0	2	13	16	31	90.00%	86.21%
B.Sc Computer Science	0	1	0	15	19	35	88.89%	87.80%
B.Sc Geography	1	6	0	1	11	19	47.22%	80.65%
B.Sc Information Technology	0	1	0	13	10	24	85.42%	85.11%
B.Sc Mathematics	0	5	8	20	19	52	95.92%	88.00%
B.Sc Mathematics (SF)	0	2	0	6	30	38	87.18%	87.18%
B.Sc Zoology	0	5	1	8	25	39	81.82%	100.00%
Total	**3**	**99**	**12**	**138**	**393**	**645**	**-**	**-**

PG Programmes (2015- 2017 BATCH)

Course	I-X	I-D	I	Total	November 2016	April 2017
M.A. English Literature	0	9	22	31	100.00%	100.00%
M.A History	0	3	4	7	92.86%	100.00%
M.Com	0	9	25	34	89.29%	100.00%
M.Sc Bioinformatics	0	2	2	4	100.00%	100.00%
M.Sc Botany	0	13	7	20	84.21%	100.00%
M.Sc Chemistry	0	12	5	17	94.44%	100.00%
M.sc Computer Science	0	7	5	12	100.00%	100.00%
M.Sc Geography	0	0	3	3	80.00%	75.00%
M.Sc Mathematics	3	18	9	30	88.24%	96.88%
M.Sc Zoology	1	23	5	29	100.00%	100.00%
Total	**4**	**96**	**87**	**187**	**-**	**-**

I-X – First Class with Exemplary   **I-D- First Class with Distinction**

I-First Class   **II- Second Class**

III-Third Class

Annexure – IV

BEST PRACTICES

1. Title

"Speedy Declaration of Results and conduct of Supplementary Exams for smooth progression of the out going students**"**

Objectives

- ➢ To declare the results within 15 days of the last exam.
- ➢ To conduct supplementary exams within 10 days of the results.
- ➢ To permit students to progress to the next level of education or employment.

Context

Students with arrears would have to wait until the end of the next semester to take up their exams. With the existing papers in the next term and the arrears of previous semesters, it would make it more difficult for students to pursue their goal. This facility gives them an opportunity to work on their failures within a short span of time, keeping them in pace with the rest of the students.

Evidence of success

- ➢ Students can pursue their higher education without delay.
- ➢ Students can keep pace with the rest of their classmates.
- ➢ Gives them an opportunity to sit for placement.

2. Title

"Nurturing Research Culture"

Objectives

- ➢ To promote quality research in higher education.
- ➢ To extend research findings to society and community.
- ➢ To motivate students to apply for funding for quality research.
- ➢ To promote multi-disciplinary research projects.
- ➢ To attract academically brilliant students.
- ➢ To initiate Industry/ Institutional tie up.

Context

Innovative technologies help to explore new avenues and offer solutions to plenty of problems in society and the industry. Advancements in every field involve mushrooming problems requiring innovative solutions. There is an ever increasing necessity for research to provide innovative solutions for new problems cropping up. Development index of the country largely depends on the research activities carried out.

Practice

Intake of research oriented qualified faculty has enabled promotion of research culture in the institution. Conducting a lot of seminars and conferences where the faculty and students get exposed to eminent resource persons. Institution provides a conducive environment, non-interfering, healthy and adequate physical infrastructure, library and laboratory facilities to carry out research. The Staff are motivated to carry out research projects.

Research supervisors in the institution are highly motivated to promote quality research activities. As a post NAAC initiative, Nirmala Annual Research Congress (NARC) is held every year since 2013. UGC Sponsored inter-disciplinary innovative PG programme in Bio-Informatics has been started. With the meager resources available already, a centralized research lab (Mother Teresa Research Centre) has been set up. Development of a recognized centralized research lab and instrumentation centre forms a major part in the immediate future plan of the institution.

Evidence of success

➢ Funding from various funding agencies has increased ten-fold from six lakhs to sixty five lakhs.

➢ Despite late initiation of the self-financed PG programmes in Science subjects, minor and major projects have been procured.

➢ Staff members avail travel grants from various funding agencies for presenting papers in international conferences held abroad.

➢ 135 Papers have been published in International peer reviewed journals.

Problems Faced

➢ More funds are required for expensive chemicals, repair and maintenance of equipments.

➢ Faculty members are not able to devote adequate time for research due to their academic and administrative commitments.

Annexure – V

SWOC ANALYSIS

Strengths:

1. Well equipped laboratories with adequate facilities.
2. Funding sanctioned by DBT, DST-FIST , TNSCST, UGC and Science Academics
3. Elevated to Star Status by DBT Star college scheme (Botany, Zoology & Chemistry)
4. Awareness on environment protection and conservation created through Eco-friendly practices.
5. Eco Club and Energy Club activities.

Weaknesses:

1. Formal MoU's with Industries inadequate.
2. Development of Patents

Opportunities:

1. Procuring more research projects from funding agencies for Infrastructure strengthening.
2. Inviting more recruiting companies for enhancing placement.
3. Innovations in evaluation pattern
4. To motivate and promote inter-disciplinary and collaborative research.
5. To interact with subject experts of other institutions/ visit other institutions/ participate in International Conferences.
6. To upgrade the institution to the status of College with potential for excellence.

Challenges:

1. Establishing formal linkages with Industries
2. To involve industries and reputed Institutions into MoU with the College.
3. Students' progression towards higher studies and research.
4. Dealing with Economically and Socially Challenged students
5. Placement of students to be increased
6. Establishing a full-fledged research centre.