

**The Annual Quality Assurance Report (AQAR) of the IQAC**  
( July 1, 2016 to June 30, 2017)

**Part – A**

**I. Details of the Institution**

1.1 Name of the Institution

Kongunadu Arts and Science College

1.2 Address Line 1

G.N.Mills (PO)

Address Line 2

-

City/Town

Coimbatore

State

Tamil Nadu

Pin Code

641 029

Institution e-mail address

info@kongunaducollege.ac.in

Contact Nos.

0422-2642095, 0422-2647633

Name of the Head of the Institution:

Dr. V. Balasubramaniam

Tel. No. with STD Code:

0422-2647633

Mobile:

94425 – 55731

Name of the IQAC Co-ordinator:

Dr. S. Krishnakumari

Mobile:

9942668270

IQAC e-mail address:

iqac@kongunaducollege.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNCOGN 10122

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)

EC(SC)/03/RAR/78

1.5 Website address:

www.kongunaducollege.ac.in

Web-link of the AQAR:

http://www.kongunaducollege.ac.in/docs/aqar

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	4 Star		2001	
2	2 <sup>nd</sup> Cycle	A	3.80	2009	5 Years
3	3 <sup>rd</sup> Cycle	A	3.64	2014	5 Years

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

18/12/2004

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

2016-2017

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

- i. AQAR 2009-10 submitted to NAAC on 20/10/2010
- ii. AQAR 2010-11 submitted to NAAC on 02/11/2011
- iii. AQAR 2011-12 submitted to NAAC on 29/09/2012
- iv. AQAR 2012-13 submitted to NAAC on 26/09/2013
- v. AQAR 2013-14 submitted to NAAC on 24/10/2014
- vi. AQAR 2014-15 submitted to NAAC on 30/10/2015
- vii. AQAR 2015-16 submitted to NAAC on 07/10/2016

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 Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status 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)

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

Bharathiar University, Coimbatore  
TamilNadu

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

Autonomy by State/Central Govt. / University

 ✓

University with Potential for Excellence

UGC-CPE

 ✓

DBT Star Scheme

 ✓

UGC-CE

 ✓

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and  
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

4

2.11 No. of meetings with various stakeholders:

No.

Faculty

Non-Teaching Staff

4

Alumni

1

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

“Higher Educational Institutions & Quality Education System”  
 “Internal Audit & Standardisation of Records”  
 “Teacher performance for improving the accreditation rating”  
 “ Strengthening of college through Quality Education”

2.14 Significant Activities and contributions made by IQAC

- The Management and staff are pleased to inform that the UGC expert committee has recommended our college for the prestigious award of “College of Excellence” after reviewing our successful performance during the five year period of implementation of “College with Potential for Excellence” scheme.
- We are elated that the Ministry of Human Resource Development, Government of India has published **Indian ranking 2017** for the Arts and Science Colleges on 03.04.2017. Our College has secured **19<sup>th</sup> rank** among the Arts and Science Colleges in overall performance and **3<sup>rd</sup> rank** under the category **Research** and Professional Practice.
- Pearl - A foundation for Educational Excellence, Madurai has given educational excellence awards to Higher Education in India 2016. Our College was awarded **Best NAAC Accredited “A” Grade College Award** on 10.12.2016.
- The **Academic Audit** was conducted on 30.07.2016. Strength, Recommendations & suggestions given by the committee has been forwarded to the Head of the departments & requested to take necessary steps.
- **Orientation Programme** was conducted for new faculty members & students by the Controller of Examinations on 13.07.2016, 15.07.2016, 25.07.2016 & 26.07.2016.

- Librarian conducted **Orientation Programme** for the faculty members & students on 13.07.2016.
- Placement Cell Co-ordinator conducted **Orientation Programme** on 5.7.2016 & 12.7.2016 to the final year students of UG & PG. respectively.
- **9<sup>th</sup> Graduation Day Ceremony** was celebrated on 08.10.2016. Dr. G. Parameswari, Joint Director of Collegiate Education, Coimbatore Region was the Chief guest. 717 Undergraduates, 256 Postgraduates & 4 MPhil scholars received their degrees & certificates.
- **Faculty from Botany department** received "**Best Senior Scientist Award (Botany)**" for the year 2016 by Pearl - A Foundation for Educational Excellence, Madurai on 10.12.2016.
- **Our Physical Directress** received **Best Women Physical Director Award** for the year 2016 by Pearl - A Foundation for Educational Excellence, Madurai on 10.12.2016.
- **Faculty from Mathematics department** received the **Best Paper Presentation Award** in the National Level Conference on Current Scenario in Pure and Applied Mathematics held at Kongunadu Arts and Science College on 22 and 23 December 2016.
- **Faculty from Commerce department** received **Best Paper Award** in the National Conference held in Krishnammal College for Women on 22.02.2017.
- **Faculty from Computer Science department** cleared the **NET Examination**.
- Full time & Part time **research programmes** in Library & Information Science was introduced from this Academic year.
- Research papers published in International Journals 148, National Journals 48 & number of citations 909.
- Full paper published in proceeding International 71 & National 10 by our faculty members.
- Abstracts published in proceeding International 32 & National 93 by our staff.
- Papers presented by faculty members in Seminars / Conference, International 72, National 111 & State 3.
- Seminars / Conferences attended by faculty members, International 68, National 118 & State 42.
- Faculty members acted as Resource Person – 46.
- Number of **MPhil** pursuing 88& **PhD** pursuing 176.
- Total number of Academic Seminars , Conference, Workshop & Training programme organised during this year was 165.
- TamilNadu Institute of Educational Research & Advancement, awarded "**Mrphpah] brk;ky; tpUJ**" to Dr. K. Murugesan, HoD of Tamil on 5.9.2016.

- Dr. R. Manimegalai, Assistant Professor of Tamil received NSR 100 “Nallasiriyar Viruthu” on 5.9.2016.
- Students feed back on Teachers was collected by the online system at the end of each semester & follow up actions were taken.
- Received one Major Research Project from DST by Zoology & Chemistry department.
- Received one Major Research Project from DST-SEED by Biochemistry department.
- 5 Minor Research Projects from UGC was sanctioned to Tamil, Botany & Biotechnology department.
- 4 Major ongoing Research Projects from UGC New Delhi - Department of Botany & Biochemistry.
- One Major ongoing Research Project from DST-SERB - New Delhi – Department of Biochemistry.
- One Ongoing Major Research Project from UGC\_DAE consortium for Scientific Research, Indore – Physics department.
- One Ongoing Major Research Project from Inter University Accelerator Centre, New Delhi - Physics department.
- Ongoing Major Research Project from PWD – WRD TamilNadu – Zoology department.
- Received 2 RajivGandhi National Fellowship from UGC, New Delhi by Zoology & Botany.
- Received One Minor Project from TamilNadu State Government - Zoology department.
- Received two fellowship from TamilNadu Government by Mathematics department.
- Tamil & English department published each one book, Chemistry department published 2 books and department of Computer Technology published 2 book chapter titled “Application of web usage mining across Industries” and “search query recommendations in web Information retrieval using query logs”.
- Karakattam team won I prize cash Rs. 5,000/- in “Uyirthuli 2k16” Intercollegiate competition conducted by “Indian Medical Association” Coimbatore at IMA Auditorium, Coimbatore.

## 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 receive more projects	Received 2 major research projects to a tune of Rs. 50,52,895 from DST and – DST -SEED.
To organize more seminars / conferences/Workshop/Training Program	165 Academic activities including seminars / conferences/Workshop/Training Program were organised funded by DBT, DST, TNSCST & ISCA. Tamil & Commerce departments conducted International Conferences.
To encourage the faculty members for conducting extension activities	Botany, Zoology, Biochemistry, Commerce, Mathematics, Information Technology & English departments conducted extension Program sponsored by DST & ISCA.
To introduce research in Physical Education	Applied for MPhil & PhD programmes in Physical Education
To encourage the faculty members publish more books.	Tamil, English, Biochemistry, Chemistry & Computer Technology department published Books with ISBN numbers.
To organise training programme for society	DST- SEED & our Management jointly sponsored spawn production Laboratory & minor millet processing unit for Biochemistry department. Self help group women, Students, Research Scholars & public were trained in this Laboratory.
To encourage the students participation in National, International Sports activities.	<ul style="list-style-type: none"> <li>• Mr. P. Bharath participated in Asian Championship Power Lifting at Madhya Pradesh – IV Place. Mr. P. Bharath participated in the South India Power Lifting Championship held in Karnataka – won the Silver Medal in 70 kg Junior level category.</li> <li>• Participated in Boxing at Bharathiar University &amp; won Bronze Medal.</li> <li>• Participated in Table Tennis at Bharathiar University – II Place.</li> <li>• Participated TamilNadu State Championship held at Ramnad Cycling Association &amp; won 800 mtr. Team – Silver, 1200 mtr. Team, Gold, 1600 mt Mars start – Silver 25 km – Bronze Medal</li> <li>• Orgnaised Bharathiar University Intercolliate Volleyball Tournament at our college.</li> </ul>
To motivate the NCC students to attend various camps	Five cadets of NCC Army Wing – boys were selected for attending the National Integration Camp 2017 organised & conducted by the NCC Directorate New Delhi in connection with the Republic Day parade & Prime Minister Rally. Five of our NCC – Army Wing Boys were selected for Army attachment & the Training Camp.



To participate NCC girls students in various camp.	Participated in various camps conducted at Vellore, Trichy Chennai & Delhi
To motivate the students for Social Welfare	NSS special camp was conducted at Karamadai, Kannarpalayam, Thimmampalayam & Pujanganur for seven days.
To enrich the qualification of faculty members	One faculty from Computer Science cleared NET 17 faculty members cleared SLET-Exam (1-Tamil, 1-Physics, 2-Mathematics, 1-Chemistry, 2-Biochemistry, 1-Information Technology, 2-Computer Science, 3- Biotechnology, 4- Commerce
To publish biannual research journals for Science & Management	Published two journals 1. Kongunadu research journal (ISSN No. – 2349-2694)- Biannual 2. Kongunadu Journal for Management (ISSN No. – 2321 – 9823) - Biannual

*\* Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management       Syndicate       Any other body

Provide the details of the action taken

The Management approved the plan of action and gave the consent to implement.

## Part – B

### Criterion – I

#### I. 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
PhD	12	1	13	-
PG	14	0	10	8
UG	24	0	16	9
PG Diploma	1	0	1	-
Advanced Diploma	0	0	0	-
Diploma	4	0	4	-
Certificate	3	0	3	-
Others	11	-	6	-
<b>Total</b>	69	1	53	17

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options  
(ii) Pattern of programmes:

Semester ~~Two~~ 38

Num

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

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

*\*Please provide an analysis of the feedback in the Annexure*

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

- Introduced the paper “Introduction to travel writing – English department.
- Introduced the subject Human Resource Management – Commerce department.
- In the Company Law, the topic Employee stock option scheme has included– Commerce department.
- In the direct tax paper, the topic, Income of Individual & Tax liability was included – Commerce department.
- The topic FEMA has been included in the International trade subject – Department of Commerce.
- Logical & Analytical reasoning are included - Department of Computer Applications.
- Basics of Drafting as major elective, JOC – Basics of Cosmetology, Value Addition of Fabric Dyeing Printing Tech & Jewellery making, Accessories & Jewellery making paper was introduced – CDF
- Application Oriented & Job Oriented courses are introduced for better job opportunities – Zoology.
- Changes according to the current need in Microbiology, Biotechnology & Bioanalytical tech papers Biochemistry department.
- Modification in VB NET & ASP.NET & VB & NET ASP.NET LAB - Computer Science.

- To train students for acquiring good communications, Interpersonal & entrepreneurial skills.
- To develop the student personality as a whole for tomorrow's competent professionals – BBA CA department.
- The curriculum was revamped based on the suggestions given by the Industrial expert – Computer Technology department.

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

NIL

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
182	132	50	-	-

2.2 No. of permanent faculty with Ph.D.

98

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
26	17	1	-	-	-	-	-	27	17

2.4 No. of Guest and Visiting faculty and Temporary faculty

-

-

2

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	22	67	22
Presented papers	27	36	-
Resource Persons	5	17	9

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

- Power point presentation, Virtual lab, Smart class room teaching and Language Lab
- ICT enabled teaching –learning process adopted
- Group Discussion
- Conducting Quiz
- Science Exhibition
- Constructing models
- Internship training
- Industrial visit
- Group Projects
- Summer Training
- Inter Departmental activities
- Inter College / University activities
- Giving seminar to the students

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)

- Examination cell is **fully computerized** with Optical Mark Reader facility and Bar Coding facility (**OMR**).
- **On-line** Examinations for Core and other Subjects are conducted for which Fibre Optic communication has been introduced.
- **Examinations for CIA, End of Semester examinations** including Add on courses are conducted as per schedule given in advance to the students and the examinations are fully centralized.
- **Question Bank** are prepared subjectwise, which are used for preparing the question papers.
- **Dummy number** system is followed for evaluation to maintain the secrecy.

- During End-of-Semester Examinations, the invigilation work is carried out by both **Internal** and **External** invigilators.
- **Single Valuation** is followed for all courses and the Answer scripts of the students are evaluated by both Internal and External examiners.
- **Digital Mark Entry System** has been introduced to receive the internal marks from the departments to make the system error free.

***Students Friendly Scheme:***

- Orientation Programme related to autonomous examination is conducted for **students and faculty** every year to make awareness about examinations.
- **Hall tickets** are issued to the students through **online** by which their time can be saved.
- **Transparency in the evaluation system** has been introduced by providing **photocopies** of the valued answer scripts of End-of-Semester Examinations. After valuation **CIA exam papers** are provided to the students and the marks of the students are **displayed** in the notice board.
- **Appearance** for **improvement** is allowed for paper(s), which a student has appeared and passed in the immediate previous semester.
- **Supplementary examinations** are conducted along with the regular examination.
- **Special supplementary examinations** are conducted for those candidates who have failed in the final semester theory and practical papers only. It helps the students to join higher studies or any job without the loss of academic year.
- **Special examinations** are conducted for those candidates who have failed to attend the regular examinations as they have participated in special events on behalf of our College during Examination days.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

as member of Board of Study/Faculty/Curriculum Development

182	-	-
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2.10 Average percentage of attendance of students

88%
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2.11 Course/Programme wise distribution of pass percentage :

Sl. No.	AIDED UG COURSES	Total no. of students appeared	Division					PASS %
			Exemplary	Distinction	I	II	III	
1.	B.A. English Literature	56	0	2	34	16	3	98.21
2.	B.Sc. Mathematics	58	7	37	10	3	0	98.28
3.	B.Sc. Physics	37	1	8	19	8	0	97.30
4.	B.Sc. Chemistry	44	2	15	20	3	0	90.91
5.	B.Sc. Botany	37	3	11	20	0	0	91.89
6.	B.Sc. Zoology	30	0	4	17	7	0	93.33
7.	B.Sc. Biochemistry	46	1	17	22	2	0	91.30
8.	B.Sc. Computer Science	56	0	12	26	17	1	100.00
<b>Total &amp; Average %</b>		<b>364</b>	<b>14</b>	<b>106</b>	<b>168</b>	<b>56</b>	<b>4</b>	<b>95.60</b>

Sl. No.	UNAIDED UG COURSES	Total no. of students appeared	Division					PASS %
			Exemplary	Distinction	I	II	III	
1.	B.A. English Literature	44	0	3	23	12	1	88.64
2.	B.Sc. Mathematics	48	6	17	17	3	2	93.75
3.	B.SC. Biotechnology	40	0	14	19	6	0	97.50
4.	B.Sc. Computer Science	49	0	4	24	13	5	93.88
5.	BCA	43	0	1	13	22	2	88.37
6.	BCA Additional	40	0	6	17	12	2	92.50

7.	B.Sc. Computer Technology	41	0	6	25	3	0	82.93
8.	B.Sc. Information Technology	46	0	2	27	11	5	97.83
9.	B.Com	55	0	4	25	17	4	90.91
10.	B.Com Additional	45	0	3	25	11	2	91.11
11.	B.Com CA	53	0	6	32	12	1	96.23
12.	B.Com CA Additional	49	0	5	26	18	0	100.00
13.	BBA CA	52	0	4	24	23	0	98.08
14.	B.Sc. Costume Design & Fashion	23	0	8	11	3	0	95.65
<b>Total &amp; Average %</b>		<b>628</b>	<b>6</b>	<b>83</b>	<b>308</b>	<b>166</b>	<b>24</b>	<b>93.47</b>

Sl. No.	AIDED PG COURSES	Total no. of students appeared	Division					PASS %
			Exemplary	Distinction	I	II	III	
1.	M.Sc. Mathematics	39	1	18	15	0	0	87.18
2.	M.Sc. Physics	34	0	6	17	0	0	67.65
3.	M.Sc. Botany	20	0	13	7	0	0	100.00
4.	M.Sc. Zoology	20	3	12	5	0	0	100.00
<b>Total &amp; Average %</b>		<b>113</b>	<b>4</b>	<b>49</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>85.84</b>

Sl. No.	UNAIDED PG COURSES	Total no. of students appeared	Division					PASS %
			Exemplary	Distinction	I	II	III	
1.	M.A. English	43	0	4	31	7	0	97.67
2.	M.Sc. Chemistry	29	0	8	12	0	0	68.97
3.	M.SC. Biotechnology	18	0	5	13	0	0	100.00
4.	M.Sc. Computer Science	29	0	9	19	1	0	100.00
5.	M.Com	47	0	5	31	2	0	80.85
<b>Total &amp; Average %</b>		<b>166</b>	<b>0</b>	<b>31</b>	<b>106</b>	<b>10</b>	<b>0</b>	<b>88.55</b>

#### OVERALL RESULT–April 2017

Sl. No.	Courses	Total no. of students appeared	Passed with Class					Total Pass	% PASS
			Exemplary	Distinction	I	II	III		
1.	UG	992	20	189	476	222	28	935	94.25
2.	PG	279	4	80	150	10	0	244	87.46
<b>Overall Result</b>		<b>1271</b>	<b>24</b>	<b>269</b>	<b>626</b>	<b>232</b>	<b>28</b>	<b>1179</b>	<b>92.76</b>

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

- Faculty Development Programme are conducted for the faculty members to enhance their planning & teaching quality.
- Faculty members are permitted to attend & present papers in State, National & International level seminar, symposia, workshop & training.
- Members are encouraged to organise National & International conference & workshop.
- Every year we conduct Board of Studies & the syllabi are revamped depending upon the current scenario.
- Inter departmental & Inter collegiate activities are organised which promote creativity, originality, analytical thinking – co-operativity.



- Suggestions given by the stakeholders are processed ,recommended and submitted to the statutory bodies for further action.
- Online Feed back from students on curriculum, teaching, learning & evaluation are collected twice in a year, evaluated and considered for further improvement.
- All academic & research activities of various departments are regularly monitored and recorded by IQAC.
- Through continuos internal assessments students are evaluated & necessary extra coaching classes are given to them.
- Students attendance are put upon the notice board every month & sent to their parents through SMS.
- Academic audit report was given to each department & necessary steps were taken.

#### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	9
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	5
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	65
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	101	15	36	-
Technical Staff	36	5	5	-

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Consultancy services are rendered to the needy person by Botany, Zoology, Physics, Chemistry, Biochemistry, Biotechnology, Computer Science & CDF
- Extension activities are conducted by Biochemistry department which is funded by DST\_SEED, New Delhi.
- Aquaculture, Bee keeping & Vermitechnology – Extension activities are conducted by Zoology department funded by DST & DBT.
- Biotechnology, Commerce, CDF & English departments organised extension program.
- Best Research department was selected & recognised.
- Best performers in research was given incentives.
- Seed money for Principal Investigator
- Scholarship for research scholars.
- 7 PhDs and 25MPhils were produced. 176 PhDs and 88 MPhils were pursuing.
- Faculty doing MPhil – 2 & PhD – 25.
- Research papers published in International Journals – 148
- Research papers published in National Journals – 48
- Number of Citations - 909

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	5	---	---
Outlay in Rs. Lakhs	42,65,600	1,04,51,495	---	---

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	5	---	---
Outlay in Rs. Lakhs	17,90,000	7,65,000	---	---

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	148	48	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	25	15	-

3.5 Details on Impact factor of publications:

Range	0.17 – 7.523	Average	2.5	h-index	207	Nos. in SCOPUS	411
				Average	4.8	Average	9.5

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 – Department of Zoology	3 yrs	DST	35,37,270	17,00,000
Major projects – Department of Biochemistry	2 yrs	DST-SEED	15,15,625	9,76,625
Major projects – Department of Biochemistry	3 yrs	UGC	13,48,935	3,55,022
Major projects – Department of Biochemistry	3 yrs	DST-SERB	22,60,000	4,00,000
Major projects – Department of Botany	3 yrs	UGC	5,16,200	1,08,000
RajivGandhi National Fellowship – Department of Botany	2 yrs	UGC	9,36,000	4,68,000
PWD – WRD – Department of Zoology	2 yrs	TN	5,00,000	2,00,000
Indian Council of Medical Research – Department of Biochemistry	-	ICMR	-	4,56,200
CSIR Fellowship Grant – Department of Physics	-	CSIR	2,94,267	2,58,600
IUAC/XIII.7/UFR-57306 PROJECT A/C – Department of Physics	-	UGC – DAE	4,93,372	1,93,000
Minor projects – Department of Zoology	-	TN	40,000	40,000
RajivGandhi National Fellowship – Department of Zoology	2 yrs	UGC	3,00,000	3,00,000
Minor projects – Department of Tamil	-	UGC	62,000	62,000
Students Research Projects Department of Maths	-	TN	1,08,000	1,08,000
Students Research Projects Department of Maths	-	TN	1,08,000	1,08,000
Minor projects – Department of Botany	-	UGC	2,20,000	1,55,000
Minor projects – Department of Biotechnology	-	UGC	2,20,000	2,20,000
Minor projects – Department of Biotechnology	-	UGC	2,15,000	2,15,000
Scholarship – Department of Tamil	-	-	10,000	10,000
Scholarship – Department of Tamil	-	-	5,000	5,000

National Seminar / Workshop Department of Maths	-	TNSCST	20,000	20,000
National Seminar	-	DST – NIMAT	20,000	20,000
National Seminar	-	DBT	50,000	50,000
Total			1,27,79,669	64,28,447

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

organized by the Institution

Level	International	National	State	University	College
Number	4	22	27	-	-
Sponsoring agencies	-	Aruchami Research Foundation. KASC UGC, New Delhi DST, TNSCST	TNSCST	UGC	DBT-Star College

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 Management of University/College

Total

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
7	-	2	2	1	1	1

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

77

25

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

11

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

JRF  SRF  Project Fellows  Any other

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	8	College forum	8		
NCC	2	NSS	20	Any other	6

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

- International Yoga Day
- Swachh Bharath Mission – Cleanliness Drive Rally
- International Youth Day
- Tree Plantation
- Anti – tobacco rally
- Clean India – Green India
- 230 Units Blood donated to Government hospitals.
- Dental Camp
- Solid Waste management campaign .
- Awareness program on Blood Donation.
- Awareness Rally for Eye Donation.
- Trekking camp to Ooty
- Child labour abolished awareness program.
- Varma Therapy.
- NSS Special Camp in Karamadai, Kannarpalayam, Thimmampalayam & Pujanganur.
- Karakattam team won I prize cash Rs. 5,000/- in “Uyirthuli 2k16” Intercollegiate competition conducted by “Indian Medical Association” Coimbatore at IMA Auditorium..
- 15 days summer camp for Silambam training 75 school students participated & trained on 1.5.2016 to 15.05.2016.
- Bharathiar University Inter College Volley Ball Tournament for Women 2016 organised by Physical Education Department on 6.10.2016.

## 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	5.47 Acres	-	-	5.47 Acres
Class rooms	112	-	-	112
Laboratories	27	-	-	27
Seminar Halls	3	-	-	3
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	315	11	UGC	326
Value of the equipment purchased during the year (Rs. in Lakhs)	5,67,07,385	34,42,704	DST, UGC, and Fees	6,01,50,089
Others	-	-	Semester fees collection	-

#### 4.2 Computerization of administration and library

- ❖ The Library and Information Centre is fully computerized and barcoded.
- ❖ Health Information Awareness system is introduced.
- ❖ The library & ic is functioning under open access system. It is functioning from 8.00 a.m to 6.00 p.m including vacation & Saturdays.
- ❖ Separate mini theatre with LED TV, 340 TV channels, Smart Board, more than 5000 CD/DVDs.
- ❖ OPAC (Online public access catalogue).
- ❖ Digital library facilities are also available.
- ❖ Implementation of RFID (Radio Frequency Identification) technology is going on.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No	Value	No	Value	No	Value
Text Books	23,194	50,44,695	434	1,90,526	23,628	52,35,221
Reference Books	54,119	1,17,70,882	1,014	4,45,146	55,133	1,22,16,028
e-Books	10,00000	20,00000	1,00000	20,00000	1,00000	20,00000
Journals	340	4,00000	340	4,00000	340	4,00000

e-Journals	6,000	2,00000	6,000	2,00000	6,000	2,00000
Digital Database	4	2,50,000	4	2,50,000	4	2,50,000
CD & Video	5,229	7,92,431	252	38,178	5481	8,30,620
Other (Specify)	-	-	-	-	-	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres System nos.	Office	Departments	Others
Existing	740	8	730	15	544	58	115	23
Added	-	-	-	-	100	-	-	-
Total	740	8	730	15	644	58	115	23

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

An Awareness Programme was offered for all our staff members by our department on digital payment services on 3.1.2017.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	4,42,474/-
ii) Campus Infrastructure and facilities	35,18,122/-
iii) Equipments	4,16,894/-
iv) Others	1,54,47,995/-
<b>Total :</b>	<b>1,98,25,485/-</b>



## Criterion – V

### 5. Student Support and Progression

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

- Admission counselling
- Orientation Programme at the beginning of the year by the library, Examination & Placement Cell
- Tutor ward monitoring system
- Soft Skill development
- Communication skill development
- Academic counselling
  - ✓ Research Guidance
  - ✓ Creating opportunities for higher studies
- Self Development Programmes - ICWAI, ACS,
- Guest lectures, Seminars, Workshop, Training Program etc.
- Scholarship facilities regarding meritorious, economically backward class etc.
- Enrolment in NSS, NCC, Sports & YRC.

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

- By appointing separate co-ordinator for IQAC, Staff Welfare & Grievance Redressal Committee, Student Welfare & Grievance Redressal Committee, Research Committee, Star College Scheme Committee, CIA Examinations Committee, Examination Committee, Library Committee, Sports Committee, Kongunadu News Letter & Magazine Committee, Calender Committee, College Website Committee, Disciplinary Committee, Ragging Curb Committee, Women Empowerment Cell, Student Welfare & Counselling Centre, Women Welfare & Counselling Committee, Entrepreneurship Development Cell & Skill Development Cell, Cultural Club, Music Club, Health & Fitness Club, Yoga & Meditation, Human Resource Development Cell, Placement Cell, Consumer Club, Vivekanandar Study Circle, Tamilzhar Tharkappu Kalai Mandram, Alumni Association, Medical Centre, Civil Service Examination Coaching Classes, Professional Course (ICWAI, ACS, ACA) coaching class each committee for monitoring the progress of the activities.
- Board of Studies, Academic Council and External Academic Audit are regularly conducted and monitored by IQAC.
- Add-on courses help the students to get employment opportunities
- The Placement cell regularly conducts Orientation Programmes and arranges campus interviews for the students, those who are interested.
- All departments maintain registers for recording the progress of the students & the progress report of CIA I & II along with the attendance are regularly sent to their parents.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3435	583	176	-

(b) No. of students outside the state

212

(c) No. of international students

-

Men

No	%
1533	38

Women

No	%
2485	62

General 408 ST 285 Physically Challenged 3712 General 401 ST 508 Physically Challenged 4018

Demand ratio - 1.07

Dropout % - 3%

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

- CMA Foundation & CPT Examination coaching is conducted inside the campus in Association with Chezhan Academy.
- In the past 2 years 26 students cleared CMA Foundation / CPT.

No. of students beneficiaries

26

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 counselling and career guidance

- We conduct Orientation, Counselling, Mock Interviews, Trainings and Seminars for enriching students knowledge and skills to get employment.
- Students Welfare and Counselling Centre conducts many Counselling programmes for students by inviting experts from different areas. Weaker sections of students in studies and who show different behavioural attitude will be given special counselling.
- To conduct the Religious functions like Pongal, Onam, Christmas, Ramzan and Hebba among the students to develop the religious integration.

No. of students benefitted 550

### 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
20	654	475	153

### 5.8 Details of gender sensitization programmes

- The Women Empowerment inaugural function was held on 7<sup>th</sup> September 2016 in Dr.Aruchami Auditorium. Our Principal Dr. T. Muraleeswari inaugurated the function & offered felicitation. All the women staff & girl students participated in the function. Our vision is to educate all students towards gender sensitisation motivate them to be modestly dressed & to provide protection for women to create awareness of the women’s right & to empower women.
- A forum is to be set up for women to express their complaints & a 24 hr help line & help desk is established. Women Empowerment Cell are here to empower women to lead a purpose life & prove the women are builders of the future.
- One day workshop on “ An awareness program on Cyber Crime against Women Today” was organised. Mrs. R. Ezhilarasi, Sub-Inspector of Police (CID), Coimbatore city broached the topic of the cyber crimes against women.

### 5.9 Students Activities

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

State/ University level 250 National level 3 International level 1

#### No. of students participated in cultural events

State/ University level 65 National level - International level -

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	185	1,85,000/-
Financial support from government	931	36,03,158/-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

### 5.13 Major grievances of students (if any) redressed:

Nil

## Criterion – VI

## 6. Governance, Leadership and Management

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

#### **Vision of the College**

Developing the total personality of every student in a holistic way by adhering to the principles of *Swami Vivekananda* and *Mahatma Gandhi*.

#### **Mission of the College**

- Imparting holistic and man-making education with emphasis on character, culture and values – moral and ethical.
- Designing the curriculum and other courses that transform its students into value added skilled human resources.
- Constantly updating academic and management practices towards total quality management and promotion of quality in all spheres.
- Extending the best student support services by making them comprehensive and by evolving a curriculum relevant to student community and society at large.
- Taking steps to make education affordable and accessible by extending scholarships to the meritorious and economically disadvantaged students.
- Moulding the teachers in such a way that they become the role models in promoting Higher Education.

## 6.2 Does the Institution has a Management Information System

- **Administrative procedures including finance**  
Tally, Payroll, Fees & Provident Fund for administrative and financial procedures.
- **Student Admission**  
All admissions into the college are made as per the guidelines of Bharathiar University and Government of Tamil Nadu by constituting a separate selection committee headed by the Principal.
- **Student Records**  
  
Details of students related to personal and academic are registered in the database. Student's records are maintained by ERP system.
- **Evaluation and Examination procedures**  
External and internal evaluation methods are followed for both end semester and continuous internal assessment examinations. Evaluation and examination procedures are followed by ERP system. The end of semester examination results are published through the college website.
- **Research Administration**  
For research administration, the Dean coordinating all the research programmes.

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

### 6.3.1 Curriculum Development

- Organised Faculty Development Program by inviting various speakers to our college.
- Introduced internship training program to the students which enables to acquire skill that facilitate for their job opportunities or higher studies.
- Group projects are included which pave the way for team work & gain creation & innovation knowledge.
- Based on the feed back from all stakeholders of higher education namely the students, parents, teachers, management, alumni, academic peers & depending up on the current needs of Industry, corporate sector & society at large & by referring the various university calendars containing the curriculum, the syllabi have been updated.
- The management encourages the faculty to attend the Orientation courses, Refresher courses, Workshops & training program conducted by University regarding curriculum developments.
- Choice Based Credit System (CBCS) is followed to acquire skills depending up on their interest which will create self employment.
- Skill based Elective courses are available to choose the courses of their interest to the future carrier.

### 6.3.2 Teaching and Learning

- Lecture method is generally followed in all the courses. Motivated to attend intercollegiate competitions & Science exhibitions.
  - ❖ Chalk & talk method
  - ❖ Lab classes
  - ❖ Animations, power point presentations
  - ❖ Group discussion
  - ❖ Conducting Quiz
  - ❖ Guided library learning
  - ❖ Encouraged to attend seminars/ conferences/symposium/Quiz competition
  - ❖ Encouraged to attend workshops / training programme
  - ❖ Taken to industrial visit
  - ❖ Internship Programme

The learning is made *student-centric* by focusing on learner-centered pedagogy rather than teacher-centered. *Self-learning, seminars, assignments, field trips, case studies, Group discussion, institutional training, practical and project works* are some of the participatory learning activities adopted by the institution. Further, a variety of Certificate and Diploma courses, Job Oriented Courses, Career Oriented Programme and Advanced Learner Courses contribute much to the knowledge development and skill formation.

### 6.3.3. Examination and Evaluation

- Continuous internal assessment is followed through internal examinations, assignment, seminar and attendance.
- Question papers are prepared by External examiners.
- Scrutiny committee is framed by appointing only external examiners to scrutinize the question papers and keys sent by the question setter.
- Centralized examinations and evaluation process are followed for End of Semester Examinations.
- Dummy number system is followed for evaluation.
- Answer scripts are evaluated by both internal and external examiners.
- Transparency in the evaluation system is followed by providing photocopies of the valued answer scripts of End of Semester Examinations.

#### 6.3.4 Research and Development

- The **Research Committee** headed by the *Dean for Research and Development*, which comprises all Heads of Research Departments and Research Co-ordinators.
- The Research core committee during its periodical meetings, discusses all matters related to the requirements regarding research.
- **Research forum** comprises office bearers to motivate the scholars to present their research findings to discuss on upto date research and share their knowledge. It encourages them by giving meritorious certificates and cash incentives.
- **Cash incentives** are given to *research guides* for publishing papers in international journals, citations, organizing Seminars, Conferences and Workshops.
- **Best Ph.D and M.Phil Scholar Award** is given to the PhD and MPhil research scholar for his/her outstanding research activity during the period of study.
- Management provides *scholarships* to the **Research Scholars** who are under below poverty line.
- Dr. M. Aruchami Research Foundation encourages the students and scholars by providing incentives for best performers in research. The foundation also encourages the faculty members by providing financial assistance for organising Seminars/Conferences/ Workshops etc.

#### 6.3.4 Research and Development

- Department of Physics received fund from Interuniversity Accelerator Centre – New Delhi ( 2015 – 2018) and from UGC – DAE, CSIR, Indore.
- Department of Mathematics received two scholarship from TamilNadu State Government.
- Department of Zoology & Chemistry received one major project from DST, New Delhi.
- Department of Botany received one major research project from UGC, New Delhi.
- Department of Botany received one Rajiv Gandhi National Fellowship, UGC, New Delhi
- Department of Zoology received One Rajiv Gandhi National Fellowship, UGC, New Delhi.
- Department of Zoology received PWD Project, TamilNadu State Government.
- Department of Zoology received one major research project from TamilNadu State Government.
- Department of Biochemistry received one major research project from UGC, New Delhi, (2013-2016)
- Department of Biochemistry received one Major DST-SERB Project, New Delhi.
- Department of Biochemistry received one Major DST-SEED Project.
- Department of Biochemistry received Indian Council of Medical Research – New Delhi Fellowship.
- Department of Biotechnology received 2 minor research projects from UGC, New Delhi.
- Department of Commerce received one Minor Research Project from UGC, New Delhi.
- Department of Tamil received one Minor Research Project from UGC, New Delhi.
- Department of Botany received one Minor Research Project from UGC, New Delhi.

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

- Fully automated
- Regular and balanced updation of study materials
- World class remainder mechanism like SMS alert and E-mail alert

### 6.3.6 Human Resource Management

Man power is planned based on the students' strength and workload of the staff required for academic and administrative work.

### 6.3.7 Faculty and Staff recruitment

As per the guide lines of University grants Commission (UGC) and State Government, the staff recruitment is done.

### 6.3.8. Industry Interaction / Collaboration

- Department of Zoology - MOU with Wyoming University, USA; Galaxy Bio Lab, Chennai.
- Department of Biochemistry - Collaborative research program with Vijaya Mushroom, Coimbatore. Tamilnadu; Kings diagnostic services, Coimbatore.
- Department of Biotechnology signed an MOU with Galaxy Biolabs, Chennai, Tamilnadu.
- Department of Biotechnology signed an MOU with Amity University, Noida.
- Department of Biotechnology signed an MOU with Karpagam University, Coimbatore. Tamilnadu.
- Department of International Business signed an MOU with ABC Garments & EX-IM shipping services, India.
- Department of Costume Design and Fashion signed an MOU with Dream Zone, Coimbatore.

### 6.3.9 Admission of Students

The College ensures wide publicity in the admission process through

- Dynamic college website.
- Publishing the annual prospectus.
- Advertising in local, regional and national dailies
- 

Transparency in admission is ensured by preparing the merit list, based on the Government norms and displaying the names of the selected candidates along with their cut off marks on the notice board.



6.4 Welfare schemes for

Teaching	Rs. 3,10,000/-
Non teaching	
Students	

6.5 Total corpus fund generated

6,25,000/-

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	Subject experts from University and Colleges	Yes	IQAC
Administrative	No	-	Yes	IQAC

6.8 Does the University/ Autonomous College declares 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 Reforms?

- **Progress reports** regarding attendance and CIA marks of the students are sent to the parents through **SMS**.
- **Scrutiny committee is formed for question paper checking** to avoid errors and ambiguity in questions.
- For every question, **key** is provided and this is being supplied to the examiner to avoid subjectivity.
- Feedback on pattern and standard of the questions is obtained from the **examiners** every semester, to maintain the quality of the examination system.
- Feedback on examination system is obtained from the **students** every semester and rectified the discrepancies if any.
- Results of the students are published in scheduled time and it can be assessed through **online** on **College websites** and **mobile**.
- **Best answerscripts are displayed** on the students' notice board. This practice motivates the students to perform better and makes the examiners to perform their duty with utmost sincerity.

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

By appointing subject experts from university to represent in various academic and administrative bodies.

6.11 Activities and support from the Alumni Association

- Alumni meeting are regularly conducted
- Feedbacks collected from alumni for further improvement

6.12 Activities and support from the Parent – Teacher Association

- Parents meeting are regularly conducted
- Feedbacks collected from parents for further improvement
- Progress report is being sent to parents twice in a semester and progress & regularity of the students were discussed

6.13 Development programmes for support staff

By conducting workshops for the non-teaching staff related to office automation.

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

- Rain water harvesting
- Solid waste management
- Green campus by planting of trees
- Segregating works into biodegradable and non-biodegradable.
- Eco club of our college creating awareness by conducting various programmes.

## 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.

- Interactive teaching.
- Mind mapping – drawing informations in diagrams.
- Sense of humour – lovely & delightful personalities.
- Online students Feed back system on teaching learning process was introduced.
- Online Hall ticket was introduced from this academic year.
- More numbers of smart class rooms introduced in this year.

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

- Introduced group projects for the students in the final semester.
- International, National and State level conferences/Seminars/ Workshops were organized.
- Life Science Department equipped with sophisticated instruments which enriches the skill & more opportunities for higher studies& Research.

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

- Realms of research
- Management support services

***\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

Revis For nearby villages environment awareness programme on tree plantation, compost making from domestic wastes, precaution to be made to avoid dengue fever have been conducted.

7.5 Whether environmental audit was conducted? Yes  No

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

- To have more MoU with foreign universities and R&D centres
- To provide more consultancy services
- To get more funded projects from UGC, DST, DBT, ICMR, CSIR, DRDO, New Delhi.
- More UGC Research awardee from UGC, New Delhi.
- More fellowship from Central & State Government.

### **8. Plans of institution for next year**

- To conduct entrepreneurial awareness programme.
- To increase collaboration with leading Industries.
- Plagiarism check for project work.
- Awareness programme to control plastics.
- Expand Community outreach program.
- To encourage faculty members to conduct more international conferences.

Name: Dr. S. Krishnakumari



Signature of the Coordinator, IQAC

Name: Dr. V. Balasubramaniam



Signature of the Chairperson, IQAC

PRINCIPAL  
KONGUNADU ARTS & SCIENCE COLLEGE  
COIMBATORE-641 029.

**ACADEMIC CALENDAR FOR ODD SEMESTER**

**2017 - 2018**

Re-opening for the academic year 2016-17	16.06.2017
Commencement of I year UG Classes (Aided)	27.06. 2017
Commencement of I year UG Classes (Un Aided)	28.06. 2017
Commencement of I year PG Classes	10.07. 2017
Issue of ESE Applications for II & III year UG & PG	18.07. 2017
Last date for the payment of ESE Fee ( <b>without fine</b> )	
III year UG	25.07. 2017
II year UG & PG	26.07. 2017
IQAC Meeting	05.07.2017
Last date for the payment of ESE Fee	
(II & III year UG & PG) <b>with fine of Rs.60/-</b>	02.08.2017
Staff Welfare & Grievances Redressal Committee Meeting	18.08.2017
Students Welfare & Grievances Redressal Committee Meeting	28.08.2017
Library Committee Meeting	21.08.2017
Last date for submission of Question Paper for I CIA Examinations(UA)	04.08.2017
Last date for submission of Question Paper for I CIA Examinations(A)	04.08.2017
Commencement of I CIA Examinations (UA)	17.08.2017

Issue of ESE Applications for I year UG & PG	01.09.2017
Finance Committee Meeting	15.09.2017
Last date for the payment of ESE Fee ( <b>without fine</b> )	
I year UG	13.09.2017
I year PG	14.09.2017
Last date for the payment of ESE Fee	
(I year UG & PG) <b>with fine of Rs.100/-</b>	22.09.2017
Last date for submission of Question Paper for II CIA Examinations (UA)	27.09.2017
Last date for submission of Question Paper for II CIA Examinations (A)	27.09.2017
Commencement of II CIA Examinations	12.10.2017
Last working day for the Odd Semester	28.10.2017
Commencement of ESE - Practicals	26.10.2017
Governing Body Meeting	11.11.2017
Commencement of ESE - Theory Examinations	06.11.2017
Autonomous Central Valuation	20.11.2017

### **ACADEMIC CALENDAR FOR EVEN SEMESTER**

**2017 - 18**

Re-opening for the Even Semester	27.11.2017
Issue of ESE applications for all Courses	02.01.2018
Last date for the payment of ESE Fee ( <b>without fine</b> )	
III year UG	11.01.2018

II year UG	12.01.2018
I year UG & PG and II Year PG	17.01.2018
Students Welfare & Grievances Redressal Committee Meeting	19.01.2018
Last date for submission of Question Paper for I CIA Examinations (UA)	10.01.2018
Last date for submission of Question Paper for I CIA Examinations (A)	10.01.2018
Last date for the payment of ESE Fee (all Courses)	
<b>with fine of Rs.100/-</b>	24.01.2018
Staff Welfare & Grievances Redressal Committee Meeting	23.01.2018
Commencement of I CIA Examinations (UA)	29.01.2018
Commencement of I CIA Examinations (A)	29.01.2018
Library Committee Meeting	28.02.2018
College Day Celebrations	22.02.2018
Prizes, Medals & Scholarships Distribution	23.02.2018
Board of Studies Meeting	03.03.2018
IQAC Meeting	20.03.2018
Standing Committee on Academic Affairs	16.03.2018
Last date for submission of Question Paper for II CIA Examinations(UA)	20.03.2018
Last date for submission of Question Paper for II CIA Examinations(A)	20.03.2018
Finance Committee Meeting	02.04.2018
Academic Council Meeting	24.03.2018
Commencement of II CIA Examinations (UA)	20.03.2018
Commencement of II CIA Examinations (A)	20.03.2018
Last date for the submission of Projects	26.03.2018

Last working day for the Even Semester	04.04.2018
Commencement of Project Viva-Voce	03.04.2018
Commencement of ESE-Practicals	03.04.2018
Governing Body Meeting	04.05.2018
Commencement of ESE - Theory Examinations	16.04.2018
Autonomous Central Valuation	03.04.2018



## **FEEDBACK ANALYSIS**

- ❖ To introduce more smart class.
- ❖ To introduce wifi connection to the faculty members.
- ❖ To organise more International conference.
- ❖ To get more scholarships from funding agencies.
- ❖ To introduce coaching classes for the preparation of various competitive exams..

## Best Practices

*Give details of any two best practices which have contributed to better academic and administrative functioning of the College.*

- Two of the best practices are (i). **Realms of Research** (ii). **Management support services**

**Title of the Practice: Realms of Research**

**Objectives of the Practice**

- *What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?*
- ❖ The main objective of this practice is to promote research culture among faculty and students by encouraging their participation in research. The principle behind this practice is that the under graduate & post graduate students have one minor project in the final semester, which initiates them to take up their research in the particular area of specialization. Students are allowed to attend / present papers in the national/ state level seminars or conferences. By involving the students in conducting the Departmental Seminar/Conferences they are motivated to take up higher education; it helps in developing leadership qualities, self confidence and team spirit. A **Research Scholar Forum** has been established and it helps the researchers to exchange their ideas while doing research and promotes inter-disciplinary research work. 13 Departments have been upgraded to offer M.Phil degree and 13 Departments to offer Ph.D degree programme.
- ❖ **The Context**
- *What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?*
- ❖ Our college promotes more number of research activities in life science which is useful to agriculture based society. The College encourages the faculties to get major and minor projects from ICMR, UGC, CSIR, DBT, DST, and TNSCST and encourages research scholar for receiving fellowships. **Cash incentives** are given to the staff members for publishing papers in International Journals, Citations, organizing seminars/conferences and workshops. Topics related to the **thrust areas in research** are incorporated in the curriculum to motivate the research attitude and aptitude among students. **Multi faceted approach** in Research is offered by inter departmental biological sciences. Eminent Scientists from National and International institution are invited to implement the practices. All Departments are provided with a Computer with internet facility. **Elective options** are given in the emerging and advanced fields of research. In addition, National and International **collaboration with the scientists** (Wyoming University, Taiwan University, Malaya University, Amity University) keeps our college on par with the University so that our scholars and the faculty members could be competent enough to flourish in the selected field of research.

**The Practice**

- *Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?*
- ❖ In order to enhance the quality, **Research Committee** headed by the Dean for Research and Development, which comprises all Heads of Research Departments and Research Co-ordinators has been constituted. The Committee meets periodically and discusses all matters related to the requirements regarding research. The College has subscribed to **13**

International Journals, **141** National Journals, **143** National Magazines and **7** International Magazines to meet the requirements of all Research Departments.

- ❖ The committee motivates the staff members to pursue their Research in the desired direction and encourages the staff members to apply for financial assistance from various funding agencies for their projects, Proposals to conduct Seminars/Conferences/Workshops and for minor/major projects are being submitted to the funding agencies after getting the approval from the Research Committee. Our own digital library facilitates the research activities by providing manuscripts, references, reprography, DELNET, e-resources, INFLIBNET/IUC etc., thus **the researchers can avail all facilities under one roof.**
- ❖ **Research forum**, comprising of Research Scholars is established not only to enhance the scientific knowledge among the scholars but also to exchange their knowledge and motivate them to become professionals in the selective areas of research.
- ❖ **Dr. M. Aruchami Research Foundation** has been established in the year 2004. The research foundation has been organizing Guest Lectures/Seminars/ Workshops in research-related topics. The college provides seed money to the faculty **in the form of TA/DA** to present their work before various funding agencies for the sanction of Major Projects and to attend Seminars/Conferences/Workshops conducted at our stations. **Financial assistance** is also given to the researchers by providing sufficient funds towards the purchase of chemicals, specimens , minor equipments, etc. till they get research grant from the funding agencies.
- ❖ Biotechnology and Biochemistry Departments are carrying out research in medicinal plants. The fields of research-Sericulture, Vermitechnology, Vector Control, Phytochemistry, Pollution Biology, Tissue Culture, Mushroom Biology etc., opted either singly or collaboratively by the Departments of Botany, Zoology Biotechnology & Biochemistry which cater the needs of the society at all levels.
- ❖ Research in the advanced emerging fields like Nanotechnology, Thin Film Technology, etc., successfully carried out by the Physics Department embraces new technologies and this competes at the global level. The research work in the areas like Digital Topology and Graph Theory being carried out by the Mathematics Department has wide application in the field of computer science. The knowledge of the computer and its application in research is inseparable in the present scenario. The Post Graduate departments are carrying out research and extension work for **transmitting the findings from “Lab to Land”**.

#### **Evidence of Success**

- **Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.**
- ❖ We are elated that the Ministry of Human Resource Development, Government of India has published Indian ranking 2017 for the Arts and Science Colleges on 03.04.2017. Our College has secured 19th rank among the Arts and Science Colleges in overall performance and 3rd rank under the category Research and Professional Practice.

- ❖ The College has received **Rs. 50,52,895** /- during the period 2015-2016 towards major and minor research projects. It is a unique feature that our institution has more number of faculty members with Ph.D degree when compared to other Colleges in Tamil Nadu. Physical and infrastructural facilities promote the research activity regularly.
- ❖ At present, 88 and 176 scholars are pursuing M.Phil and Ph.D respectively in our college. Our faculty members received 6 minor projects during 2015-2016. Our faculty have published 48 papers in National and 148 in International journals, have presented research papers in 36 national and 27 international seminars / conferences. The important consultancy areas are apiculture, Vermitechnology Sericulture techniques, Mushroom cultivation, Microbial culture supply, Protein Analysis, Soil sample analysis etc.,

### **Problems Encountered and Resources Required**

- *Please identify the problems encountered and resources required to implement the practice (in about 150 words).*
  - ❖ Our college has both aided and un-aided (Self Financing) Courses. For aided courses a moderate support from the UGC is being extended for general development and research but unaided (SF) courses are totally deprived of this facility. This dichotomy is really a constraint in the field of higher education. UGC must treat both courses equally and extend full support to unaided (SF) courses also. The funding pattern by the UGC to Autonomous colleges is not adequate to introduce innovative programme in the colleges on par with the International Universities. Central Universities and Institutes are getting enviable grants. Affiliated colleges in various Universities are starved for want of funds. The UGC must take cognizance of genuine problems and extend the liberal grants to Autonomous colleges on par with Central Universities and Institutes which come directly under UGC.
  - ❖ While recruiting new staff members as per UGC guidelines, NET/SLET passed candidates are also qualified for the job. Such teachers are not in a position to guide the students for M.Phil and Ph.D. To eradicate this deficiency, management has to depute them under FIP Programme to qualify for Ph.D. Nowadays this Programme is not actively implemented by UGC. Once again the old pattern can be revived and liberal grants can be released under FIP scheme.

### **Notes**

- *Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).*
  - ❖ Research culture should be inculcated at UG and PG levels by incorporating projects, research oriented subjects in the curriculum. Consultancy and linkages may be extended by the departments to universities, colleges, schools, industries and agriculturists.
  - ❖ While recruiting the staff members care must be taken in analyzing the applicants' attitude and aptitude to pursue research if they are given opportunity to serve as a staff. FIP Programme must be implemented in the college to those who are anxious to pursue research. Post-Doctoral research fellowship must be encouraged among scholars. Special incentives must be given to staff members who are interested to pursue research and get projects from various funding agencies.

## Title of the Practice

### *Management Support Services*

## Objectives of the Practice

- *What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?*
- ❖ The Vision, Mission and Goals of the College are *Students’ Centered* and reflect the *National development* at large. The *whole personality* of *every student* is developed in, holistic way adhering to the principles of *Swami Vivekananda* and *Mahatma Gandhi*.
- ❖ The management is *vigilant about the changes in the educational environment* locally, nationally and globally. As a result, it provides the guidance in all Academic activities of the College. Management provides the *ambience* suitable for all teaching and non-teaching staff. A healthy professional environment which is conducive to *bring out the best* in every individual prevails in the campus. The institution promotes the social responsibility and citizenship role among the students to help the *less privileged society*.

## The Context

- *What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?*
- ❖ Manpower is planned based on the students’ strength and workload of staff required for academic and administrative work. The staff members are recruited *based on the qualifications and pay scales prescribed by the UGC and State Government by a duly constituted Selection Committee*, as per the private college regulation act and UGC. The curriculum has been designed *to cater to the needs and accelerate the growth* of the individual strength *of the students* so as to compete at the national and global levels. Social justice and equity are ensured by following the communal reservation policy of the State Government. All students who aspire for Higher Education, irrespective of religion and socio-economic background are given admission. The institution with an *outstanding academic ambience*, aims at elevating the students to become highly qualified and *socially conscious citizens* who can contribute to the development of the society and be an *asset to our nation at large*.
- ❖ The curricula of all courses have been framed after referring the curricula of various foreign universities and colleges to keep the students abreast with the *fast-changing frontiers of knowledge*. Besides imparting job entitlements, the education offered in our college provides a *holistic approach of body*. Value based teaching and guest Lectures by divine personalities on special occasions facilitate the students to *imbibe the core and universal values like truth, righteousness, integrity, honesty and hard work*. Celebration on the days of religious and national importance contributes much to *nurture and strengthen our culture, values and unity in diversity*.

## The Practice

*Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?*

- ❖ There is a cordial relationship between the management and all stakeholders, which provides the *homely atmosphere* in the college campus. The benevolent management provides the financial aid to SC, ST, MBC and Economically backward students in the form of scholarships. Job Oriented Courses like Communicative English, Computer

Literacy, Elective papers, Self-learning components, Personality Development programmes and *opportunity to work in teams* through project work contribute much to the individual development of the students, which is the *base for the development of the country as a whole*.

- ❖ Enhancement of communicative skill through BEC training, introduction of ICT, and training for the professional courses, self development and entrepreneurial development programmes enrich the students with necessary *skills to face the global competition* in the job market. *The extension and outreach programmes* have their main focus on *less privileged* in the neighborhood, adopted village and the *society at large*. The remarkable service rendered by the college to the socially, economically backward and disadvantaged communities in the adopted villages, speaks volumes about the contribution of the college to the development of our nation.
- ❖ The management builds a good relationship with the students to attract and retain them to enhance their performance to their expectations in learning and job seeking. *Academically, Proficiency student is selected as a representative to take part in the Board of Studies meetings. As a result, he/she gives the suggestions regarding the syllabi*. The institution determines the students' satisfaction by way of getting their feedback about the curriculum of courses offered, teachers' performance, infrastructure, hostel facilities and college environment etc. Future *educational need and challenges are voiced through the discussions and suggestions* given by the students in the Grievance Redressal and Welfare Committee, informal meetings with the Head of the Department and faculty, Alumni Association, students' meetings, council members and class representative meetings. The management is so friendly that the constant and *continuous encouragement is given to all staff members* for their career development. *Complete Academic freedom* is given to the faculty which helps them work independently. *Incentives* are given to the staff members *for their achievements*. The management extends *prompt support* by providing not only the salary but also the *retirement benefit*.
- ❖ The institution supports the neighborhood communities by providing them the awareness in *Eradication of Parthenium*. Programmes on *AIDS awareness, mosquito control and avoidance of plastic bag*, etc. are conducted. *Health awareness camps*, Blood donation camps, Eye camp, Dental care and Nature cure are conducted various awareness programmes such as *Road Safety, Rain water Harvesting, Plantation of Trees* are some of the important activities undertaken by our NSS, NCC and YRC Units for the benefit of the society and the students. In order to bring awareness in making our environment eco-friendly, our college constituted the **Eco Club**.
- ❖ The grants released by the Government, both central and state are not sufficient to encourage the faculty to go abroad to participate in seminars and conferences. The funding agencies very selectively recruit staff of aided colleges. Universities by their block grants are able to sponsor their staff to go abroad and participate in conferences and seminars. Such grants should be extended to colleges to give opportunity to the staff members to attend refresher/advanced courses.

## Evidence of Success

- *Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.*
  - ❖ Cordial relationship exists among management, teachers and students. **Parental care** is taken through Tutor-Ward System. This personal care of the teachers attracts and enhances the students' performance and fulfills the **expectations of the learner**. **Counseling centre for women** has been established in order to facilitate the girl students in getting timely help and advice. Students' membership in various committees and clubs facilitates the relationship between teachers and students. NSS and NCC camps, **cultural activities and various functions provide the opportunity for students and staff to build a good relationship between them**. In order to construct the houses to down trodden people **our secretary donated the land with 50% contribution of the Government and 50% were contributed by him**.
  - ❖ The effective functioning of the **paperless office** has not only minimized the work for the non-teaching staff but also minimized the usage of the stationery.
  - ❖ **Students and Staff Welfare & Grievance Redressal Committees have** been constituted separately and regular meetings are being conducted. This facilitates the students and staff to express their grievances freely. Complaints can be received through the **Suggestion Boxes** that are placed at various places inside the college campus. The Grievances related to academic activities, administration and infrastructure are solved after discussing the same with the management.
  - ❖ Our college has a health centre which provides First Aid, and other medical facilities.. In case of emergency utmost care is taken. The management provides a **car** to take the sick students immediately to the hospital. It also encourages **sports activities** which make the mind and the body has the balance. So, **the college environment is congenial**. During the **parent-teacher meetings**, parents are encouraged to give their feedback, and suggestions for the improvement of the organization and complaints if any. The complaints are resolved and suggestions are well taken for the development of the organization which helps to enhance the teaching-learning process and the upkeep of mental and physical health of the students.
  - ❖ Many initiatives have been taken both in academic and administrative functions to make the **optimum use of Autonomous status**. The **democratized administration**, a predominant feature makes our Institution a **College with difference**.

## Problems Encountered and Resources Required

- *Please identify the problems encountered and resources required to implement the practice (in about 150 words).*
  - ❖ Since, there is vacancy in teaching faculty, Administrative Staff & Technical Staff, Management has to face the problem whenever the Government implements any change in innovative aspect. To fulfill the ultimate goal of the Institution and to attain more excellence in our academics & research, the above said vacancies has to be filled.

## Notes

- ***Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).***
- ❖ The ***Secretary and Director*** of the college Dr. C.A. Vasuki has been associated with the development of the college ever since its inception. Her rich experience as an academician and educational administrators, he provides able and efficient leadership to the functioning of the college to attain greater heights. The ultimate goal of the institution is to impart education to the future citizens of our country with a ***strong foundation*** in ***moral, ethical*** and ***cultural*** values. This aspect can be emulated by other institutions. The Head of the Institution must be inspiring personality by his/her words and deeds. He/she must be easily accessible to everyone in the Institution.
- ❖ Our college is the first college which made the work experience mandatory for all the students, rich or poor to go and work in industries and farms with the skilled labourers. The students were paid small amount by various firms. The concept “***Earn While You Learn***” which Mahatmaji envisaged in his message was translated into action.