K.S.RANGASAMY COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

KSR KALVI NAGAR, TIRUCHENGODE – 637 215

(AN AUTONOMOUS INSTITUTION AFFILIATED TO PERIYAR UNIVERSITY, SALEM)

AQAR REPORT 2016 – 2017

KSR KALVI NAGAR, THOKKAVADI
TIRUCHENGODE – 637 215
NAMAKKAL DISTRICT
TAMILNADU, INDIA
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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

> K.S.Rangasamy College of Arts and Science (Autonomous)

1.2 Address Line 1

> K.S.R. Kalvi Nagar

Address Line 2

> Thokkavadi, Tiruchengode

City/Town

> Namakkal

State

> Tamilnadu

Pin Code

> 637 215

Institution e-mail address

> contact@ksrcas.edu

Contact Nos.

> Tel: 91 4288 274741 (4 Lines) Extn :232

Name of the Head of the Institution:

> Dr.V.Radhakrishnan

Tel. No. with STD Code:

> Tel: 91 4288 274741 (4 Lines)

Mobile:

> + 91 9894953153

Name of the IQAC Co-ordinator:

> Prof.K.S.Shanmugam

Mobile:

+91 9443621930

IQAC e-mail address:

iqac@ksrcas.edu

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*

TNCOGN14254

1.4 **NAAC Executive Committee No. & Date:**

NAAC/EC/18/ A&A/118.2 dated 23.12.2016

1.5 Website address:

www.ksrcas.edu

Web-link of the AQAR:

http://ksrcas.edu/wp-content/uploads/2016/10/AQAR2016-17.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.82	2011	2016
2	2nd Cycle	B++	2.89	2016	2021

1.7 Date of Establishment of IQAC :

06.06.2011

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.

  i.   AQAR 2011-12 submitted to NAAC on 27-02-2013
  ii. AQAR 2012-13 submitted to NAAC on 18-01-2014
  iii. AQAR 2013-14 submitted to NAAC on 26-03-2015
  iv. AQAR 2014-15 submitted to NAAC on 14-12-2015

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)* | Periyar University, Salem |

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

Autonomy by State/Central Govt. / University   Central

University with Potential for Excellence   -   UGC-CPE   -

DST 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   16

2.2 No. of Administrative/Technical staff   02

2.3 No. of students   03

2.4 No. of Management representatives   01

2.5 No. of Alumni   -

2. 6 No. of any other stakeholder and
   community representatives   01

2.7 No. of Employers/ Industrialists   01

2.8 No. of other External Experts   -

2.9 Total No. of members   24

2.10 No. of IQAC meetings held   06

2.11 No. of meetings with various stakeholders: No. [01]   Faculty [01]

Non-Teaching Staff /Students [-]   Alumni [-]   Others [-]

2.12 Has IQAC received any funding from UGC during the year? Yes [ ]   No [✓]

If yes, mention the amount [-]

2.13 Seminars and Conferences (only quality related)

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

Total Nos. [01] International [ ] National [ ] State [ ] Institution Level [01]

(ii) Themes [-]

2.14 Significant Activities and contributions made by IQAC

- Career Guidance and Placement Cell strengthened.
- Upgraded library by subscription to e-journals and providing connectivity with other libraries (DELNET)
- More avenues for students to engage in community services
- Seminars, conferences and invited talks arranged
- Governing council meeting held on a regular basis with members of the committee as a part of Academic Review activity
- Third syllabus revision was done.
- Upgradation of computer labs by adding new systems.
- Exposure to computer applications to all the disciplines.
- Inter and Intra department competitions were conducted.

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
1. Increase the number of funded projects.	1. Two major projects are in progress. One major project and two minor projects are sanctioned and one major project was submitted in the academic year 2016-17.
2. Strengthen the placement and career guidance.	2. External Training programmes were conducted. Awareness Programmes about competitive exams were conducted.
3. Conduct funded seminar / conference / workshop.	3. One funded International conference was conducted and six National Seminars were organised with the support of DST, British Council, Science Academies and ICSSR.

2.15 Whether the AQAR was placed in statutory body Yes ✓ No ☐

Management ✓ Syndicate - Any other body -

Provide the details of the action taken

Necessary actions taken to improve the quality in the following:
- Syllabus revision
- Infrastructure
- Lab and library facilities

Part – B

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
PhD	6	-	6	-
PG	11	-	11	-
UG	15	-	15	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others (M.Phil)	7	-	7	-
Total	39	-	39	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS

   (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	33
Trimester	-
Annual	-

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

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

MODE OF FEEDBACK

Teaching excellence is measured through structured online feedback systems that assess teacher effectiveness for every course. Class Committee Meetings are conducted thrice in every semester to review the academic progress. The Class Committee consists of five student representatives, Principal and HODs. These meetings are important forums where students give their feedback on course content, teaching methodology, evaluation procedures, attendance, infrastructure facilities, mentoring, internships, and Student Training Programmes (NCC, NSS, YRC, Sports and Games, SAP).

The feedback and suggestions given at the CCMs are recorded by the Principal and the HoDs who lead and direct the CCMs. The feedback and suggestions are discussed and reviewed by the faculty and remedial measures taken if required. The feedback is also used during subsequent revision of syllabi, to improve the teaching-learning- evaluation process, infrastructure, resources and facilities, to ensure the effective implementation of the academic and administrative processes and to streamline Student Training Programmes. In addition to formal feedback, individual faculty members also obtain informal feedback from students, consider them and use them for improving their performance.

Student evaluation of teachers is done online for all courses taught in each semester. This is conducted after the end of CA tests in a structured manner and confidentiality is maintained throughout the exercise. The evaluation is based on the following parameters: knowledge of subject, methodology, evaluation and testing, levels of professionalism and the student- teacher relationship. The questions on the online feedback- form pertaining areas such as teacher's knowledge of the subject, guidance to the students receive in reference work, handling of the subject, completion of syllabus within the specified time, communication skills, teaching methodology, objectivity and impartiality in evaluation and punctuality. Course teachers can view the consolidated report of the feedback on the intranet, in the form of computer generated bar diagrams. The feedback helps in enhancing teacher effectiveness. The Principal also discusses the general comments during the general staff meetings and specific problems are addressed with individual faculty members.

Parents are encouraged to give feedback to respective departments and the college. Parent-teacher meetings are regularly conducted.

During the annual Board of Studies meetings held in Departments, Annual Academic Council meeting and the IQAC Advisory meetings, members evaluate the existing curricula and discuss ways of improving students' academic experience and performance. The members of the Governing Body examine the results of the various programmes and suggest ways to improve student learning outcomes.

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

Yes, Third Syllabus revision was done. Removal of obsolete topics and addition of recent topics were conceded.

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

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
203	171	17	15	0

2.2 No. of permanent faculty with Ph.D.   30

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
56	0	0	0	0	0	0	0	56	0

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	22	87	3
Presented papers	32	105	7
Resource Persons	1	9	1

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

- ICT enabled teaching
- Demonstration of programs and network monitoring are done through the net support facility in computer laboratories
- Online feedback system for teacher evaluation is done every semester and the teachers are appraised about their performance.
- Before every Continuous assessment test, students' feedback on teaching learning and evaluation and other facilities of the college are obtained through class committee meeting and analysis is done.
- International/National/Regional seminars/Workshops/Guest Lectures in order to familiarize the students and the staff on the developments taking place in various disciplines.
- Field trips and Industrial Visits are arranged.
- Teacher study materials shared with students through intranet (soft copy, PPT)
- Students are encouraged to do research projects.

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)

Online, multiple choice questions and Photocopy

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

- Faculty members with more than five years of experience are involved in Board of studies.
- All the faculty members of the department are involved in the restructuring of the syllabus.
- Curriculum development cell is functioning with 23 members for the development of the curriculum.

2.10 Average percentage of attendance of students

85-95

2.11 Course/Programme wise distribution of pass percentage:

Odd Semester:

Title of the Programme	Year	Total no. of students appeared	Division				
			Distinction	I	II	III	Pass %
B.A. Tamil	I	33	3	19	8	0	90.9
	II	30	3	13	3	4	76.6
	III	51	15	24	11	1	100
B.A. English	I	52	5	13	22	6	88.46
	II	52	3	19	16	12	96.01
	III	61	21	17	12	9	96.07
B.Sc. Maths	I	128	45	54	8	0	83.59
	II	152	48	51	20	1	78.95
	III	139	60	59	4	0	88.49
B.Sc. Physics	I	89	8	44	18	0	78.65
	II	69	2	31	20	8	88.4
	III	44	11	22	10	0	97.7
B.Sc. Chemistry	I	49	6	23	14	0	87.75
	II	47	10	21	2	0	70.21
	III	46	14	17	8	1	86.95
B.Sc. Electronics and Communications	I	35	3	16	6	1	74.28
	II	39	0	21	10	0	79.48
	III	43	4	22	9	2	86
B.Com	I	53	4	23	14	5	86.79
	II	43	5	12	12	7	83.72
	III	62	11	31	10	5	91.93
B.Com CA	I	177	9	68	47	9	75.14
	II	136	9	46	32	21	79.41
	III	172	10	82	47	2	81.99
BBA	I	85	2	22	26	10	70.55
	II	80	1	19	18	9	59
	III	108	7	31	39	12	82
B.Sc. Computer Science	I	162	21	58	39	3	74.69
	II	136	15	58	26	1	73.53
	III	173	22	88	35	20	95.38
BCA	I	130	11	51	34	4	76.92
	II	110	23	52	16	0	82.72
	III	163	6	101	24	1	80.98
B.Sc. Microbiology	I	50	14	29	3	0	92
	II	46	15	15	8	2	86.9

Title of the Programme	Year	Total no. of students appeared	Division				
			Distinction	I	II	III	Pass %
	III	42	4	21	10	0	83.3
B.Sc. Biochemistry	I	47	18	28	0	0	97.87
	II	42	11	19	9	0	92.9
	III	41	13	17	9	2	100
B.Sc. Biotechnology	I	92	31	34	6	0	77.17
	II	89	23	22	13	7	73.36
	III	81	16	34	12	5	82.71
B.Sc. Textile and Fashion Design	I	45	3	26	9	1	87
	II	37	5	18	7	1	84
	III	45	18	22	4	0	97
M.A. English	I	21	7	8	6	0	100
	II	36	9	25	2	0	100
M.Sc. Maths	I	45	31	8	0	0	86.67
	II	33	28	3	0	0	93.94
M.Sc. Physics	I	28	9	17	0	0	92.85
	II	13	10	3	0	0	100
M.Sc. Chemistry	I	28	21	6	0	0	96.42
	II	22	9	9	0	0	81.81
M.Com CA	I	22	1	13	3	0	77.27
	II	22	0	13	5	0	81.8
M.Sc. Computer Science	I	25	3	12	4	0	76
	II	16	8	8	0	0	100
M.Sc. Microbiology	I	35	11	17	1	0	82.9
	II	11	1	10	0	0	100
M.Sc. Biochemistry	I	6	2	4	0	0	100
	II	13	10	3	0	0	100
M.Sc. Biotechnology	I	14	4	6	0	0	71.4
	II	6	4	2	0	0	100
MCA	I	0	0	0	0	0	0
	II	3	0	2	1	0	100
	III	30	4	8	18	0	100
MBA	I	55	11	38	0	0	89.09
	II	35	7	25	0	0	91.4

Even Semester:

Title of the Programme	Year	Total no. of students appeared	Division				
			Distinction	I	II	III	Pass %
B.A. Tamil	I	32	0	17	10	1	87.5
	II	29	2	14	6	0	75.86
	III	48	12	21	12	0	93.75
B.A. English	I	48	0	11	15	8	70.83
	II	52	8	27	6	0	78.84
	III	61	9	15	16	13	86.88
B.Sc. Maths	I	127	30	57	13	0	78.74
	II	156	39	73	15	2	82.69
	III	137	75	48	4	0	92.7
B.Sc. Physics	I	88	6	26	12	0	50
	II	65	3	41	6	0	76.92
	III	43	14	23	5	0	97.67
B.Sc. Chemistry	I	46	2	19	15	0	78.26
	II	43	7	26	4	0	86.04
	III	48	17	22	2	0	85.41
B.Sc. Electronics and Communications	I	36	3	11	5	0	52.77
	II	36	4	26	1	0	86.11
	III	43	12	12	8	5	86.04
B.Com	I	52	2	30	17	1	96.15
	II	45	4	15	10	8	82.02
	III	62	10	25	20	0	88.7
B.Com CA	I	171	7	81	40	0	74.8
	II	140	13	41	41	12	76.4
	III	170	12	87	42	2	84.11
BBA	I	86	4	28	22	4	67.44
	II	85	4	20	32	8	75
	III	110	38	61	6	0	95.45
B.Sc. Computer Science	I	160	13	55	42	3	70.63
	II	133	9	48	30	3	67.67
	III	165	75	59	15	2	91.52
BCA	I	118	13	43	24	0	67.7
	II	109	14	42	16	0	66.05

Title of the Programme	Year	Total no. of students appeared	Division				
			Distinction	I	II	III	Pass %
	III	172	19	104	27	1	87.79
B.Sc. Microbiology	I	50	13	30	5	0	96
	II	43	12	9	8	0	67.44
	III	41	13	19	7	0	95
B.Sc. Biochemistry	I	47	9	28	0	0	78.72
	II	44	8	19	7	0	77.27
	III	41	10	17	12	2	100
B.Sc. Biotechnology	I	88	7	37	17	7	77.27
	II	81	23	25	9	0	70.37
	III	80	37	28	4	0	86.25
B.Sc. Textile and Fashion Design	I	43	5	25	6	0	83.70%
	II	40	9	19	6	0	85%
	III	45	29	16	0	0	100%
M.A. English	I	21	1	16	1	0	85.7
	II	35	12	14	7	0	94.28
M.Sc. Maths	I	45	41	2	1	0	97.77
	II	34	21	8	2	0	91.17
M.Sc. Physics	I	27	18	8	0	0	96.29
	II	13	13	0	0	0	100
M.Sc. Chemistry	I	29	14	13	0	0	93.1
	II	23	17	6	0	0	100
M.Com CA	I	20	4	9	3	0	80%
	II	22	0	15	7	0	100%
M.Sc. Computer Science	I	26	12	7	2	0	80.7
	II	16	16	0	0	0	100
M.Sc. Microbiology	I	35	4	18	9	0	88.5
	II	11	11	0	0	0	100
M.Sc. Biochemistry	I	6	1	1	3		83.33
	II	13	13	0	0	0	100
M.Sc. Biotechnology	I	14	4	6	0	0	71.4
	II	6	6	0	0	0	100
MCA	I	0	0	0	0	0	0
	II	3	0	0	1	0	100
	III	30	17	13	0	0	100
MBA	I	55	7	34	2	0	70.9
	II	39	26	12	0		97.4

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

- There are exclusive committees for Academic Audit, Planning and evaluation, Examination reforms, Log Book Verification, Grievance Appeal, Curriculum Development and Workload/timetable. Through these committees, Teaching and learning processes are monitored and evaluated.
- NET / SET awareness programmes are arranged for the faculty.
- Orientation program is conducted for the faculty members about work plan and course plan preparation.
- Orientation on importance of IQAC is conducted for Heads of the Departments.
- Orientation on NAAC guidelines.
- Taking feedback on Campus facilities, teaching learning and evaluation process from the students.
- The progress of students is monitored through unit tests, home assignments, seminars, etc.
- Periodic assessment of teaching-learning process and internal evaluations.
- Established Language laboratory, to improve communication skills in English.
- The College encourages research, publications, paper presentations and participation in international/national/regional workshops, conferences and symposia.
- Motivating the teachers towards implementing ICT enabled teaching-learning processes.
- Student feedback is analysed and necessary corrective measures are taken.

2.13 Initiatives undertaken towards faculty development (attended / organised)

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	-
UGC – Faculty Improvement Programme	1
HRD programmes	-
Orientation programmes	2
Faculty exchange programme	-
Staff training conducted by the university	2
Staff training conducted by other institutions	6
Summer / Winter schools, Workshops, etc.	40
Others (Seminar)	31

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	12	-	-	-
Technical Staff	10	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

- Promoting research by providing internet access points to all departments and Laboratory.
- Encouraging the teachers to undertake major/minor research projects.
- Motivating the teachers to present papers in international, national and state level seminars and conferences.
- Motivating the teachers for article publication and writing books
- Financial support for the teachers to attend Seminars, Conferences, Training and Summer Research programmes.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	1	1
Outlay in Rs.(Lakhs)	-	72.3	20.66	34.90

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	-	2	-
Outlay in Rs.(Lakhs)	3.7	-	3.5	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	40	-	-
Non-Peer Review Journals	7	-	-
e-Journals	11	-	-
Conference proceedings	5	3	1

3.5 Details on Impact factor of publications:

Range 0.5-3.1 Average 1-5 h-index 03 Nos. in SCOPUS 23

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	2014-17	DST-SERB	40.10 Lakhs	31 Lakhs
	2014-17	DST-SERB	32.20 Lakhs	31.25 Lakhs
	2017-20	DST-SERB	20.66 Lakhs	7 Lakhs
Minor Projects	2016-18	UGC	2,40,000/-	Nil
	2016-18	UGC	1,10,000	Nil
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	2016-2017	TNSCST	10000x4	40,000
Any other(Specify)	2016-2017	2 days CSIR sponsored workshop	20,000	20,000
Total	05	-	85.06 Lakhs	69.85 Lakhs

3.7 No. of books published   i) With ISBN No. 02   Chapters in Edited Books 01

ii) Without ISBN No. 02

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	1	11	-	-	-
Sponsoring agencies	British Council (ICEG-Jan 18-21,2017)	ICSSR, DBT ICMR,	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons ☐ 10

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

3.14 No. of linkages created during this year ☐ 2

3.15 Total budget for research for current year in lakhs:

From funding agency ☐ 20.66 lakhs From Management of University/College ☐ -

Total ☐ 20.66 lakhs

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
-	-	-	-	-	-	-

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

24

42

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

14

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

JRF - SRF 01 Project Fellows - Any other 01

3.21 No. of students Participated in NSS events:

University level - State level 1

National level - International level -

3.22 No. of students participated in NCC events:

University level - State level 3

National level 14 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 01 State level 02

National level 12 International level -

3.25 No. of Extension activities organized

University forum - College forum 17

NCC 01 NSS 04 Any other 08

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

- To mould students to be sensitive to social issues and become responsible citizens. Encourage students to reach out to the community through Social Awareness Programmes/Service Learning and experiential learning.
- NSS camps conducted to foster social responsibility amongst students.
- NCC cadets were selected to be sent to various state level and national level camps.
- Creating awareness on Yoga for physical and mental well being.

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	10.8	-	Management	10.8
Class rooms	114	01	Management	115
Laboratories	19	02	Management	21
Seminar Halls	02	-	Management	02
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	12	02	Management, UGC and DST	12
Value of the equipment purchased during the year (Rs. in Lakhs)	47,54,527	-	Management, UGC and DST	47,54,527

4.2 Computerization of administration and library

- The College library is automated and the information regarding availability of books, issue details, etc., are available to the students and staff.
- An Online Public Access Catalogue (OPAC) is implemented to enable the students for speedy and convenient access to the library catalogue.
- All relevant information about the college is published on the college website and intranet for reference.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	28274	3753040	1017	302800	29291	4055840
Reference Books	4148	2082201	150	131300	4298	2213501
Journals	154	181411	85	112946	239	294357
e-Journals	01	500	02	16500	03	21500
Digital Database	01	16500	-	-	01	16500
CD & Video	2685	-	-	-	2865	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	699	9	6Mbps	3	1	4	52	-
Added	-	-	4Mbps	-	-	2	21	-
Total	699	9	10Mbps	3	1	6	73	-

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

- All the departments are connected with Internet and Intranet access.
- Computer awareness program was conducted for non-teaching staff members.
- Internet and intranet usage awareness program to first year students

4.6 Amount spent on maintenance in lakhs :

i)   ICT   Rs. 11.56 lakhs

ii) Campus Infrastructure and facilities   Rs. 2 75 lakhs

iii) Equipments   Rs. 0.50 lakhs

iv) Others   Rs. 2.64 lakhs

Total :   Rs. 289.7 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Renders information and support that the students need in the campus.
- Information about the student support system of the college through orientation classes at the beginning.
- Supporting the students by informing modalities for getting financial assistance from Government and Scholarships from various agencies.
- Extends its support to students through placement Career Guidance and Counselling cell.

5.2 Efforts made by the institution for tracking the progression

- Class advisors are appointed for each class. They collect data about the student's performance in learning and their participation in extracurricular activities. On the basis of the analysis of the data, proper guidance is given to the students and it is communicated to their parents if necessary

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others (M.Phil.,)
3850	556	19	23

(b) No. of students outside the state

15

(c) No. of international students

15

Men

No	%
2771	62.29

Women

No	%
1677	37.7

Last Year(2015-2016)						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
148	388	09	4013	01	4558	135	355	14	3944	-	4448

Demand ratio   1:1   Dropout %: 0.04

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

No. of students beneficiaries | - |

5.5 No. of students qualified in these examinations

NET | - | SET/SLET | - | GATE | - | CAT | - |

IAS/IPS etc | - | State PSC | - | UPSC | - | Others | - |

5.6 Details of student counselling and career guidance

Through Class advisor and Head of the Department, counselling is given. The Student Counselling and Placement cell extends counselling assistance to students with academic concerns. These services are provided on appointments that seek to enable students function effectively and improve their wellness quotient. Students with serious psychological problems are referred to a psychiatrist or a clinical psychologist for further evaluation. The Placement Cell provides comprehensive services in the area of training, options regarding higher studies, internships and full-time placements for both undergraduate and post-graduate students. This Cell is an initiative of a group of Alumnae of the college. It draws on the rich expertise of the Alumnae who are heading various organizations in India and abroad. The staff at the Placement cell attend meetings and conferences to connect with placement agencies.

A Professional student counsellor is appointed to counsel the students.

No. of students benefited | 602 |

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
22	736	386	130

5.8 Details of gender sensitization programmes

International Women's Day was commemorated on March 8th, 2017. The Chief Guest for the event was Ms. Jayanthi Rameshkumar, an eminent women activist. Students and faculty from all departments were part of the celebration. Various competitions were conducted for the students and prizes were distributed.

5.9 Students Activities

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

State/ University level | 225 | National level | 147 | International level | 05

No. of students participated in cultural events

State/ University level | 100 | National level | 30 | International level | -

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

Sports: State/ University level | 42 | National level | 29 | International level | -

Cultural: State/ University level | 33 | National level | - | International level | -

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	250	9,83,665
Financial support from government	33	4,83,250
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 | 06

5.13 Major grievances of students (if any) redressed:

- Number of buses are increased

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

We strive for nurturing the potential of students by designing and delivering current, relevant and creative learning inputs. This is to achieve excellence in academics and to create socially responsible citizens. We are committed to shape global leaders and entrepreneurs, who create sustainable and fulfilling environment to the society.

Mission:

1. Design and deliver learning inputs that are on par with global standards.
2. Interface with business organizations, universities, research institutions, government and non government organizations. Design current, relevant inputs to transform students into entrepreneurs, employable and socially responsible citizens.
3. Promote innovation and research in various areas of basic sciences, life sciences, computer science and humanities by way of interfacing with various funding organizations, universities and other research institutions.
4. Provide equal importance for academics and individual development among students. Academics are supplemented with extracurricular and co-curricular activities.

6.2 Does the Institution has a management Information System

- The College has a full-fledged Management information system for the academic and administrative functioning of the college.
- The College library is also automated and the information regarding the availability of books, issue details, etc., are made available to the students and staff.
- An Online Public Access Catalogue (OPAC) is implemented to enable the students for speedy and convenient access to the library catalogue.
- All relevant information about the college is published on the college website and intranet for reference.

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

    6.3.1   Curriculum Development

- The College follows the guidelines for curriculum development and restructuring set down by the UGC, TANSCHE and the Periyar University.
- An assessment of the effectiveness of the current curriculum is done through feedback obtained from faculty, students, alumni, subject experts, employers and members of the academic audit. After reviewing suggestions from all stakeholders, the Curriculum Restructuring Committee brainstorms for additional inputs.
- Based on the framework given, departments develop an outline of the proposed programme/course, with details such as course description, objectives, unitisation of the courses, evaluation patterns and references.
- The experience gained by faculty members as resource persons at conferences, seminars/workshops and also as members of Boards of Studies and Academic Audit Committees in other institutions facilitates the process of revision.
- The revised courses and syllabi are then discussed at Boards of Studies meetings. The recommendations of the Boards are brought to the Academic Council for its approval. The syllabus is reviewed and revised every three years. Major restructuring is done periodically, after taking into consideration the feedback from all the stakeholders such as alumni, employers, industry and academic experts from educational institutions.
- Boards of Studies, the Academic Council and Governing Body of the institution are constituted according to the norms laid down by the UGC.

6.3.2 Teaching and Learning

- Assignment/Seminar, Attendance and three continuous assessment tests have been considered to be the essential components for internal assessment.
- The following academic practices have been performed by the faculty members and the same has been projected by means of effective paperless communication through the intranet to the students:
  - a) Course Plan: The complete package of the subject consists of topics, jargons, inputs for assignments/seminars, trends, relevant subjects, job opportunities and availability of resources in terms of books, journals, e-tutors, magazines and open sources inside and outside the college.
  - b) Work Plan: Specific content of the subject representing respective hours.
  - c) Course Notes: Complete and consolidated unit wise notes.
- An effective monitoring system has been introduced by the institution by establishing several committees to ensure quality and productivity of the academic work. The committees are as follows :Academic Audit Committee, IQAC, Log Book Verification Committee, Grievance Appeal Committee, Curriculum Development Committee, Workload/Timetable Audit Committee, etc.,
- An effective teaching practice has been adopted through smart class room by having Visual teaching aids.
- An exclusive Audio-Video hall has been incorporated for better interface between the students and the faculty members.

6.3.3 Examination and Evaluation

- Internal examinations are conducted. Along with the written examinations, seminars and assignments are given to the students for the evaluation of their academic status.
- Parents Teacher interactions are conducted to discuss the progress of the students.

6.3.4 Research and Development

- Teachers are provided permission to attend conference, seminar and FDP.
- Teachers are motivated to do research work and get financial assistance from various funding agencies.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Regular updation of library resources. The library has internet connectivity with printer and power back up facilities and follows the open access system.
- Freshers are given orientation on effective use of library resources.
- There are adequate software and computational facilities to meet the needs of a growing institution.
- The multimedia language lab, computer labs and science labs provide opportunities for hands-on training

6.3.6 Human Resource Management

- At the end of each academic year the Management Committee reviews the existing positions and identifies the need for recruitment personnel for various teaching and non-teaching positions. The management makes appointments through prescribed procedures.
- Orientation and training programmes are periodically organised for new recruits. In order to enhance capacities of the staff, need-based training/workshops are organized for faculty, administrative and supportive staff.
- One teacher for one subject in one class has been maintained throughout the academic year (1:1:1).
- Teachers are given additional charges for various co-curricular and extra-curricular activities.
- Cash reward is given to the faculty members who have produced 100% result.

6.3.7 Faculty and Staff recruitment

- Vacancies are advertised in leading newspapers, references and prescribed norms are strictly adhered to.

6.3.8 Industry Interaction / Collaboration

- Industrial visits are arranged.
- Faculty members were trained by Infosys and Virtusa-Polaris with the intension of training students for placement in the respective corporate sectors.
- Collaborated with ICTACT

6.3.9 Admission of Students

- University, TANSCHE and AICTE norms are strictly followed regarding the admission of students.

6.4 Welfare schemes for

Teaching	- Insurance - Free bus transport facility - Loan facilities - Flexi-timings provided for medical reasons - Contributory Provident Fund from the management for the faculty - Contribution towards medical insurance - Maternity leave - Advance to meet emergency expenditure of the staff Admissions, scholarships and fee concessions for children of Teaching staff - Free Healthcare facility.
Non teaching	- Insurance - Free bus transport facility - Free Healthcare facility - Loan facilities - Festival advance - Admissions, scholarships and fee concessions for children of non-teaching, administrative and supportive staff - Bonus for administrative and supportive staff.
Students	- Insurance - Fees concession for sports, old students. - Free bus transport facility - Free Healthcare facility - KSR help fund for economically backward students - Fee concession for students who are continuing their studies in the same Institution. - Free accommodation for NCC and Sports students during their practice period.

6.5 Total corpus fund generated   Rs. 13,64,40,551

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	TUV NORD	Yes	Academic Audit Committee, ISO Internal Audit
Administrative	Yes	TUV NORD	Yes	ISO Internal Audit

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

- Online examination for UG and PG courses

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

Not Applicable

6.11 Activities and support from the Alumni Association

- Alumni meet is organized by the departments.
- Alumni database created and maintained regularly.
- Alumni support their parent department by their contribution.

6.12 Activities and support from the Parent – Teacher Association

- Department organises one to one interaction with parents.
- The parents' views are given due weightage.

6.13 Development programmes for support staff

- Computer orientation program conducted to the support staff

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

Safe disposal of laboratory wastes
Rain water harvesting
Reverse Osmosis plant
Landscaping

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.

> The following initiatives were taken to enhance knowledge, skills and employability:
>
> - Projects/internships undertaken from the UG level.
> - Introduction of Non major elective courses to impart multi-disciplinary approach.
> - Electives encourage the students to enhance their knowledge.

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

> - Number of projects applied and sanctioned has been increased
> - Regular placement hour was allotted for all UG and PG final year students.
> - One funded International Conference was conducted.
> - Funded National seminars (6 nos.) were conducted.

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

> - Outcome based syllabus revision is done.
> - CCS has been conducted for all courses.
> - ICT services are extended for students and faculty.

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

7.4 Contribution to environmental awareness / protection

> Safe disposal of laboratory wastes
> Rain water harvesting
> Reverse Osmosis plant
> Landscaping
> Tree Plantation

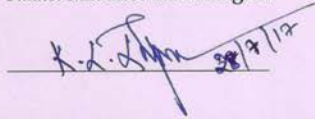7.5 Whether environmental audit was conducted?   Yes [ ]   No [✓]

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

Strengths:
- Autonomous institution
- NAAC Accreditation
- 12B and 2(f) Status
- Infrastructure
- Placement
- Pass percentage

Weakness:
- Major and minor projects
- Consultancy

Opportunities:
- Curriculum development
- Research and development
- Funding from various agencies
- Fund generation through consultancy

Challenges:
- Competition among developing institutions

8. Plans of institution for next year

1. Prepare Annual Quality Assurance Report
2. Increase the number of research publications
3. Proposals for financial assistance to conduct workshops, Seminars and Conferences.
4. Proposals for major and minor projects
5. Increase the number of Faculty Development Programs to develop the skills of faculty.
6. Improve the student association activities.
7. Downsize the number of continuous assessment tests from three to two.
8. Unit-wise class tests to be conducted.
9. Video classes are to be implemented.
10. Fourth syllabus revision has to be done.

Name: **Mr. K.S. Shanmugam**

Signature of the Coordinator, IQAC

Name: **Dr. V.Radhakrishnan**

Signature of the Chariperson, IQAC

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Consolidated Employers Feedback:

Company Name	**Virtusa Polaris, Chennai**
Person/ Designation	**Mr.Krithivasa S. Lead(Associate Manager)- India Campus Hiring at Virtusa Polaris**
Feedback	It's very good turnout, students Interview preparations and training towards placement was good that resembles in the first round of online test. Students are good in technical skills but need some improvement in their communication skills

Company Name	**Aspire System,Chennai**
Person/ Designation	**Mr. Ranjith.V HR- Talent Acquisition @Aspire Systems, Chennai**
Feedback	Need Development in their present generation technical skills. Students' ability in programming skills has to be enhanced. Many of the students are good in technical skills but through various workouts the college bring more number of students were good in technical skills.

Company Name	**Capgemini, Bangalore**
Person/ Designation	**Mr. Abhishek Raju, HR- Fresher Hiring and Excevtive, Bangalore**
Feedback	Good number of students with better attitude and technical skills. The communication skills of the students have to be improved.

Company Name	Jockey
Person/ Designation	**Mr. Nishant, HR- Manager and Executive**
Feedback	Students have to improve in Technical and communication skills. Students' attitude towards interview was good but in the knowledge of current trend they are not up to the level. He suggested giving some real time industrial exposure to the students.