

K.S.RANGASAMY COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
KSR KALVI NAGAR, TIRUCHENGODE - 637 215
(AN AUTONOMOUS INSTITUTION AFFILIATED TO PERIYAR UNIVERSITY, SALEM)
AQAR REPORT 2017 - 2018



KSR KALVI NAGAR, THOKKAVADI
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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/2018/07/AQAR2017-18.pdf>

1.6 Accreditation Details

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

2017- 18

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
- v. AQAR 2016-17 submitted to NAAC on 28-07-2017

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. Faculty

Non-Teaching Staff /Students Alumni Others

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

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

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
- Fourth syllabus revision was done.
- Upgradation of computer labs by adding new systems with audio facility.
- 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
<ol style="list-style-type: none"> 1. Increase the number of funded projects. 2. Strengthen the placement and career guidance. 3. Conduct funded seminar / conference / workshop. 	<ol style="list-style-type: none"> 1. Three major projects are in progress. Two minor projects are sanctioned and one major project was submitted in the academic year 2017-18. 2. External Training programmes were conducted. Awareness Programmes about competitive exams were conducted. 3. Thirteen National conferences were organised with the support of various sponsoring agencies including ICT Academy.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

<p>Necessary actions taken to improve the quality in the following:</p> <ul style="list-style-type: none"> • 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	7	-	7	-
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 twice 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 chair and direct the CCMs. The feedback and suggestions are discussed and reviewed by the faculty and remedial measures are taken on a need basis. 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 student- teacher relationship. The questions on the online feedback- form pertaining areas such as teacher's knowledge of the subject, guidance that 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 to individual faculty members.

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

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, Fourth Syllabus revision was done. Outcome Based Education system was initiated. 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
199	199	-	-	-

2.2 No. of permanent faculty with Ph.D.

33

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
82	0	0	0	0	0	0	0	0	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

-

01

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	10	14	5
Presented papers	61	39	4
Resource Persons	1	2	5

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

- ICT enabled teaching
- Precise class room with smart board for video classes
- 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 are organised 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, and 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				Pass %
			Distinction	I	II	III	
B.A. Tamil	I	49	02	21	05	-	57.14
	II	31	08	13	01	-	73.3
	III	27	04	15	03	-	81.4
B.A. English	I	66	-	24	19	05	80.37
	II	49	04	14	09	05	65.37
	III	50	02	14	10	04	61
B.Sc. Maths	I	130	28	34	21	08	70
	II	128	50	41	02	0	72.65
	III	153	43	47	09	10	71.24
B.Sc. Physics	I	91	02	36	20	01	64.04
	II	84	08	39	12	-	69.55
	III	66	12	34	09	-	82.05
B.Sc. Chemistry	I	50	09	19	12	-	80.00
	II	39	03	19	04	-	66.66
	III	45	13	15	07	-	77.77
B.Sc. Electronics and Communications	I	40	09	14	05	01	72.5
	II	36	03	14	06	-	63.88
	III	40	01	21	04	02	70
B.Com	I	58	06	19	13	08	79.3
	II	51	05	14	08	08	68.62
	III	41	09	14	10	-	80.48
B.Com CA	I	188	02	18	24	07	59.09
	II	150	19	40	31	01	60.51
	III	137	07	35	41	11	68.73
BBA	I	109	02	18	31	12	58
	II	76	02	14	24	06	60.5
	III	79	03	14	26	14	71.5
B.Sc. Computer Science	I	201	15	62	32	07	57.71
	II	156	20	57	25	04	67.94
	III	136	15	78	22	-	84.5
BCA	I	197	08	62	34	04	58.62
	II	111	11	49	18	-	67.10
	III	110	13	49	27	02	82.73

Title of the Programme	Year	Total no. of students appeared	Division				
			Distinction	I	II	III	Pass %
B.Sc. Microbiology	I	47	11	23	06	-	85.11
	II	49	15	21	04	-	81.63
	III	46	12	09	07	-	60.09
B.Sc. Biochemistry	I	47	14	11	04	-	61.7
	II	49	12	20	06	-	77.55
	III	42	02	20	07	05	80.95
B.Sc. Biotechnology	I	95	25	43	11	-	83.15
	II	80	21	24	09	08	81.25
	III	83	13	31	14	01	71.08
B.Sc. Textile and Fashion Design	I	52	11	11	12	18	73
	II	45	12	12	12	09	82.2
	III	41	17	08	09	07	95.12
M.A. English	I	28	04	07	05	-	75.08
	II	21	01	14	-	-	71.42
M.Sc. Maths	I	53	31	15	01	-	88.68
	II	44	37	07	-	-	100
M.Sc. Physics	I	20	06	09	-	-	75
	II	27	19	08	-	-	100
M.Sc. Chemistry	I	30	22	08	10	-	90.00
	II	29	17	11	-	-	96.55
M.Com CA	I	22	06	11	01	-	81.81
	II	21	06	10	-	-	76.19
M.Sc. Computer Science	I	20	05	08	05	02	70
	II	25	03	12	10	-	88
M.Sc. Microbiology	I	24	10	10	02	-	91.6
	II	34	10	20	01	-	91.17
M.Sc. Biochemistry	I	23	04	15	-	-	82.61
	II	5	02	02	-	-	80
M.Sc. Biotechnology	I	30	03	15	02	-	83.15
	II	14	03	08	-	-	64.28
MCA	III	03	-	03	-	-	100
MBA	I	53	28	23	02	-	75.47
	II	58	17	41	-	-	100

Even Semester:

Title of the Programme	Year	Total no. of students appeared	Division				Pass %
			Distinction	I	II	III	
B.A. Tamil	I	48	04	25	14	-	89.58
	II	32	06	08	09	01	75
	III	25	02	14	4	-	80
B.A. English	I	56	02	23	16	03	78.57
	II	51	09	21	05	-	71.43
	III	51	03	17	13	05	76.00
B.Sc. Maths	I	130	33	38	11	-	63.07
	II	124	38	36	16	-	70.58
	III	152	19	69	22	07	76.97
B.Sc. Physics	I	72	05	31	05	01	51.49
	II	84	36	17	05	-	68.85
	III	69	07	35	13	-	79.75
B.Sc. Chemistry	I	45	07	14	14	15	53.33
	II	45	05	26	08	04	53.33
	III	45	14	12	13	06	73.33
B.Sc. Electronics and Communications	I	40	05	20	02	01	70
	II	38	08	18	08	-	89.47
	III	40	08	28	03	01	100
B.Com	I	59	04	21	09	-	57.6
	II	51	02	12	09	04	52.94
	III	44	07	15	17	01	90.91
B.Com CA	I	186	09	65	32	07	60.75
	II	156	05	43	32	11	58.33
	III	137	09	50	21	20	72.99
BBA	I	103	05	27	31	01	62.13
	II	77	01	14	24	02	53
	III	82	01	28	30	05	78
B.Sc. Computer Science	I	193	22	44	36	07	56.4
	II	120	18	54	36	04	93.33
	III	137	38	69	24	-	95.62
BCA	I	194	09	46	49	24	50.27
	II	119	15	58	12	09	79.58
	III	109	12	65	15	01	85.43
B.Sc. Microbiology	I	47	04	27	05	08	78.73
	II	50	15	19	05	01	81.63
	III	45	15	10	11	-	80

Title of the Programme	Year	Total no. of students appeared	Division				
			Distinction	I	II	III	Pass %
B.Sc. Biochemistry	I	49	16	07	03	-	53.06
	II	48	07	27	02	-	76.60
	III	43	02	11	13	09	81.40
B.Sc. Biotechnology	I	94	26	48	05	01	77.6
	II	88	30	34	12	-	70.45
	III	86	23	39	15	01	90.78
B.Sc. Textile and Fashion Design	I	52	15	13	08	16	51.9
	II	45	17	10	09	09	53.1
	III	41	29	06	03	03	100
M.A. English	I	28	03	23	-	-	92.85
	II	21	15	05	-	-	95
M.Sc. Maths	I	51	31	12	-	01	84.3
	II	45	34	10	-	-	97.77
M.Sc. Physics	I	21	12	06	01	-	90.47
	II	27	27	-	-	-	100
M.Sc. Chemistry	I	28	22	06	-	-	100
	II	29	29	-	-	-	100
M.Com CA	I	22	07	14	-	-	95.45
	II	22	13	07	01	-	95.45
M.Sc. Computer Science	I	19	10	05	02	02	63.15
	II	26	20	05	01	-	100
M.Sc. Microbiology	I	24	-	16	05	-	87.5
	II	34	24	10	-	-	100
M.Sc. Biochemistry	I	24	06	14	01	-	87.50
	II	5	04	01	-	-	100
M.Sc. Biotechnology	I	29	-	07	13	-	68.96
	II	14	14	-	-	-	100
MCA	III	03	-	03	-	-	100
MBA	I	54	04	31	05	-	74.05
	II	58	02	47	06	03	94.8

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 updation of 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)

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	4
UGC - Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	1
Faculty exchange programme	-
Staff training conducted by the university	2
Staff training conducted by other institutions	9
Summer / Winter schools, Workshops, etc.	40
Others (Seminar)	14

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 journal 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	-	3
Outlay in Rs.(Lakhs)	69.20	20.66	-	75.03

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	1	03
Outlay in Rs.(Lakhs)	-	-	2.20	42.39

3.4 Details on research publications

	International	National	Others
Peer Review Journals	47	11	-
Non-Peer Review Journals	01	-	-
e-Journals	06	-	-
Conference proceedings	-	01	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2014-17	DST-SERB	40.10 Lakhs	37 Lakhs
	2017-20	DST-SERB	20.66 Lakhs	7 Lakhs
	2017-20	ICMR-SRF	10.08Lakhs	-
Minor Projects	2016-18	UGC	2.40 Lakhs	Nil
	2016-18	UGC	1.10 Lakhs	Nil
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	2017-2018	TNSCST	10000x3	30,000
	2017-2018	ICSSR	4.14LakhsX4	1.75 Lakhs
Any other(Specify)	2017	Science academics	1.28lakhs	96,126
Total	08	-	92.48 Lakhs	47.01 Lakhs

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	1	13	-	-	10
Sponsoring agencies	-	ICT academy	-	-	-

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
03	01	02	-	-	-	-

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="-"/>	State level	<input type="text" value="400"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="-"/>	State level	<input type="text" value="05"/>
National level	<input type="text" value="12"/>	International level	<input type="text" value="-"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="01"/>
National level	<input type="text" value="01"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="19"/>
NCC	<input type="text" value="01"/>	NSS	<input type="text" value="02"/>
		Any other	<input type="text" value="-"/>

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
Smart class room	-	01	Management	1
Laboratories	19	02	Management	21
Seminar Halls	02	-	Management	02
No. of important equipments purchased (\geq 1 lakh) during the current year.	12	07	Management, UGC and DST	19
Value of the equipment purchased during the year (Rs. in Lakhs)	47.54	2.95	Management, UGC and DST	50.49

4.2 Computerization of administration and library

- The College library is automated and the information regarding 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.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	29,291	4,05,5840	939	2,23,678	30,230	4,27,9518
Reference Books	4,298	2,21,3501	93	26,970	4,391	2,24,0471
e-books	-	-	-	-	-	-
Journals	154	2,08,009	1	1,200	155	2,09,209
e-Journals	03	21,500	-	-	03	21,500
Digital Database	01	16,500	-	-	01	16,500
CD & Video	2,865	4,15,425	38	5,510	2,903	4,20,935

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	699	9	10Mbps	3	1	6	73	-
Added	110	-	10Mbps	-	-	-	04	-
Total	809	9	20Mbps	3	1	6	77	-

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 provided 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. 3.40 Lakhs
ii) Campus Infrastructure and facilities	Rs.6.52 Lakhs
iii) Equipments	Rs.8.93 Lakhs
iv) Others	Rs.3.36Lakhs
Total :	Rs.22.21 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.
- Attempts to address the students problems through 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.,)
3962	620	4	15

(b) No. of students outside the state

7

(c) No. of international students

Nil

Men	No	%	Women	No	%
	2993	65.1		1608	34.9

Last Year(2016-2017)						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
135	355	14	3944	-	4448	116	358	11	4116	Nil	4601
Demand ratio			1:1	Dropout %:		3.54					

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

1

No. of students beneficiaries 43

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	-	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	1

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 consulting 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 Alumni of the college. It draws on the rich expertise of the Alumni who are heading various organizations in India and abroad. The staff at the Placement cell attends meetings and conferences to connect with placement agencies.

A concealed counselling is given to the specific students by a professional student counsellor to enhance their wellness proportion with moral values.

No. of students benefited

620

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
33	710	598	54

5.8 Details of gender sensitization programmes

A special awareness programme for girls on adolescence problems and health care was organized on January 20th, 2018. The guest speakers for this event were Ms.K.Raghavi, Founder & Director - The Headway Academy and Ms. C. Gayathri, Software Professional & Public Speaker. International Women's Day was commemorated on March 8th, 2018. The Chief Guest for the event was Ms. Naini Jayaseelan IAS (Retd), Former secretary, Minister of Home affairs, Govt. of India, New Delhi, 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 National level International level

No. of students participated in cultural events

State/ University level 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	227	8,63,000
Financial support from government	27	2,86,950
Financial support from other sources	5	9050
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:

- 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 UGC, TANSICHE 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, units of the course, 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 two 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.
- Parent -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 of 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.
- Faculty members are honoured with certificates for producing 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
- Membership and collaboration with various bodies like ACM, etc.

6.3.9 Admission of Students

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

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Insurance • Fees concession for sports and alumni. • Free bus transport facility • Free Healthcare facility • KSR help fund for economically challenged 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. 14.73 Crores

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 weight age.

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
- Tree Plantation
- Solar Power Generation

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.
- All working Saturdays are implemented as creative Saturdays to showcase the talents of the students and to enhance their innovative spirit

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

- IQAC planned the objectives for current year (2017-18) and its progress was monitored through action taken report monthly from all concerned persons. In its meeting these action taken reports were discussed and correction was done appropriately whenever it was required

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.

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)

<p>Strengths:</p> <ul style="list-style-type: none">• Autonomous institution• NAAC Reaccreditation• 12B and 2(f) Status• Infrastructure• Placement• Pass percentage <p>Weakness:</p> <ul style="list-style-type: none">• Major and minor projects• Consultancy <p>Opportunities:</p> <ul style="list-style-type: none">• Curriculum development• Research and development• Funding from various agencies• Fund generation through consultancy <p>Challenges:</p> <ul style="list-style-type: none">• Competition with other developing institutions
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8. Plans of institution for next year

- | |
|---|
| <ol style="list-style-type: none">1. Increase the number of research publications2. Proposals for financial assistance to conduct workshops, Seminars and Conferences.3. Proposals for major and minor projects4. Increase the number of Faculty Development Programs to develop the skills of faculty.5. Planned to conduct the third continuous assessment test as online Test.6. Unit-wise class tests to be conducted.7. Increase the number of smart class rooms.8. Encourage students to do NPTEL-online courses.9. Assignment evaluation process through online10. To create a provision in the website for the outgone students to register their valuable feedback. |
|---|

Name : K.S.Shanmugam


Signature of the Coordinator, IQAC

Name:Dr. V.Radhakrishnan


Signature of the Chairperson, IQAC

Annexure I - (i) Employers feedback

Consolidated Employers Feedback:

Company Name	Visionary RCM, Chennai
Person/ Designation	Mr.S.Hari, HR Manager
Feedback	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	Virtusa, Chennai
Person/ Designation	Mr. Keerthi Vasan, HR@ Virtusa, Chennai
Feedback	Need Development in their technical skills. 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	Wipro, Chennai
Person/ Designation	Mr. God's Sheril, HR- Wipro Campus, Bangalore
Feedback	Good number of students with better attitude and technical skills. The communication skills of the students have to be improved. More concentration has to be given on communication skills

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.