

**K.S.RANGASAMY COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**KSR KALVI NAGAR, TIRUCHENGODE - 637215**  
**(AN AUTONOMOUS INSTITUTION AFFILIATED TO PERIYAR UNIVERSITY, SALEM)**  
**AQAR REPORT 2018 - 2019**



**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

Tamil Nadu

Pin Code

637 215

Institution e-mail address

[www.ksrcas.edu](http://www.ksrcas.edu), [contact@ksrcas.edu](mailto:contact@ksrcas.edu)

Contact Nos.

Tel: 91 4288 274741 (4 Lines)

Name of the Head of the Institution:

Dr.V.Radhakrishnan

Tel. No. with STD Code:

Tel: 91 4288 274741 (4 Lines)

Mobile:

9894953153

Name of the IQAC Co-ordinator:

Mr. K.S.Shanmugam

Mobile:

+91 9443621930

IQAC e-mail address:

[iqac@ksrcas.edu](mailto: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](http://www.ksrcas.edu)

Web-link of the AQAR:

<http://ksrcas.edu/wp-content/uploads/2019/07/AQAR2018-19.pdf>

1.6 Accreditation Details

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

2018 - 2019

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

- i. AQAR 2016-17 submitted to NAAC on 28-07-2017
- ii. AQAR 2017- 2018 submitted to NAAC on 30.07.2018
- iii. AQAR 2018- 2019 submitted to NAAC on 26.07.2019

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)

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

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

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 06

2.11 No. of meetings with various stakeholders: No. Faculty  
01 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
- 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"> <li>1. Increase the number of funded projects.</li> <li>2. Strengthen the placement and career guidance.</li> <li>3. Conduct funded seminar / conference / workshop.</li> </ol>	<ol style="list-style-type: none"> <li>1. Three major projects are in progress. Two minor projects are sanctioned and one major project was submitted in the academic year 2018-19.</li> <li>2. External Training programmes were conducted. Awareness Programmes about competitive exams were conducted.</li> <li>3. Thirteen National conferences were organised with the support of various sponsoring agencies including ICT Academy.</li> </ol>

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"> <li>• Syllabus revision</li> <li>• Infrastructure</li> <li>• Lab and library facilities</li> </ul>
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**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	07	-	07	-
PG	11	-	11	-
UG	15	-	15	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others (M.Phil)	07	-	07	-
<b>Total</b>	40	-	40	-

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
210	210	-	-	-

2.2 No. of permanent faculty with Ph.D.

43

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	41	108	02
Presented papers	57	46	-
Resource Persons	-	03	-

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 year and the teachers are informed about their performance.
- Before every Continuous assessment test, student's feedback on teaching learning and evaluation and other facilities of the college are taken through class committee meeting and analysis is done.
- International/National/Regional seminars/Workshops/Guest Lectures are organized 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 choices 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 syllabus restructuring.
- Curriculum development cell is functioning with 31 members for the development of 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			
			I	II	III	Pass %
B.A. Tamil	I	56	34	9	2	80.35
	II	46	27	5	2	78.26
	III	29	26	2	1	100
B.A. English	I	57	40	5	-	78.94
	II	53	44	4	-	90.56
	III	47	38	2	-	85.1
B.Sc. Maths	I	103	75	12	-	84.46
	II	120	82	7	-	74.16
	III	125	101	4	-	84
B.Sc. Physics	I	67	41	6	-	70.14
	II	82	63	2	-	79.26
	III	83	64	1	-	78.31
B.Sc. Chemistry	I	37	31	-	-	83.78
	II	47	33	-	-	70.21
	III	41	36	-	-	87.8
B.Sc. Electronics and Communications	I	41	30	1	-	75.6
	II	38	28	3	-	81.57
	III	38	35	1	-	94.73
B.Com	I	64	41	6	3	78.12
	II	56	38	7	-	80.35
	III	51	36	4	-	78.43
B.Com CA	I	177	109	21	9	78.53
	II	175	113	10	1	70.85
	III	157	110	2	2	72.61
BBA	I	102	55	13	2	68.62
	II	98	56	10	1	68.36
	III	80	61	6	1	85
B.Sc. Computer Science	I	221	111	16	1	57.91
	II	178	125	7	-	74.15
	III	162	129	2	-	80.86
BCA	I	154	107	18	-	81.16
	II	169	116	9	-	73.96
	III	107	94	5	-	92.52

Title of the Programme	Year	Total No. of Students Appeared	Division			
			I	II	III	Pass %
B.Sc. Microbiology	I	42	30	-	-	71.42
	II	46	38	-	-	82.6
	III	50	45	-	-	90
B.Sc. Biochemistry	I	44	39	-	-	88.63
	II	44	28	-	-	63.63
	III	46	35	-	-	78.08
B.Sc. Biotechnology	I	74	62	-	-	83.78
	II	94	82	-	-	87.23
	III	83	68	-	-	81.92
B.Sc. Textile and Fashion Design	I	36	30	-	-	83.33
	II	51	40	-	-	78.43
	III	42	38	-	-	90.47
M.A. English	I	33	32	1	-	100
	II	26	24	1	-	96.15
M.Sc. Maths	I	42	41	-	-	97.61
	II	50	48	-	-	96
M.Sc. Physics	I	30	24	-	-	80
	II	21	17	-	-	80.95
M.Sc. Chemistry	I	29	22	-	-	75.86
	II	30	30	-	-	100
M.Com CA	I	12	12	-	-	100
	II	20	18	-	-	90
M.Sc. Computer Science	I	11	9	-	-	81.81
	II	19	16	-	-	84.21
M.Sc. Microbiology	I	12	9	-	-	75
	II	24	19	-	-	79.16
M.Sc. Biochemistry	I	15	15	-	-	100
	II	23	18	-	-	78.26
M.Sc. Biotechnology	I	21	12	-	-	57.14
	II	29	20	-	-	68.96
MBA	I	26	17	-	-	65.38
	II	57	53	-	-	92.98

**Even Semester:**

Title of the Programme	Year	Total No. of Students Appeared	Division			
			I	II	III	Pass %
B.A. Tamil	I	54	29	6	1	66.66
	II	45	28	4	2	75.55
	III	29	27	2	-	100
B.A. English	I	52	38	6	1	86.53
	II	58	38	6	2	79.31
	III	49	36	4	-	81.63
B.Sc. Maths	I	102	78	6	-	82.35
	II	121	82	12	-	77.68
	III	121	92	5	-	80.16
B.Sc. Physics	I	72	49	1	-	69.44
	II	84	60	2	-	73.8
	III	81	65	1	-	81.48
B.Sc. Chemistry	I	39	33	1	-	80.17
	II	47	38	-	-	80.85
	III	41	36	-	-	87.8
B.Sc. Electronics and Communications	I	39	32	1	-	84.61
	II	40	29	1	-	75
	III	37	36	-	-	97.29
B.Com	I	62	44	7	1	83.87
	II	56	30	6	2	67.85
	III	50	47	1	-	96
B.Com CA	I	179	128	12	3	79.88
	II	179	112	9	2	68.71
	III	160	124	4	-	80
BBA	I	93	56	6	3	69.89
	II	98	60	5	2	68.36
	III	84	70	4	2	90.47
B.Sc. Computer Science	I	193	140	2	-	73.57
	II	177	134	1	-	76.27
	III	161	150	1	-	93.78
BCA	I	156	110	1	-	71.15
	II	164	128	2	-	79.26
	III	116	105	3	-	93.1

Title of the Programme	Year	Total No. of Students Appeared	Division			
			I	II	III	Pass %
B.Sc. Microbiology	I	41	36	-	-	87.8
	II	47	38	-	-	80.85
	III	50	43	-	-	86
B.Sc. Biochemistry	I	42	34	-	-	80.95
	II	47	37	-	-	78.72
	III	48	47	-	-	97.91
B.Sc. Biotechnology	I	78	60	-	-	76.92
	II	90	78	-	-	86.66
	III	82	74	-	-	90.24
B.Sc. Textile and Fashion Design	I	40	31	-	-	77.5
	II	50	43	-	-	86
	III	42	41	-	-	97.61
M.A. English	I	32	31	-	-	96.87
	II	26	26	-	-	100
M.Sc. Maths	I	42	40	-	-	95.23
	II	49	47	-	-	95.91
M.Sc. Physics	I	28	28	-	-	100
	II	21	21	-	-	100
M.Sc. Chemistry	I	29	28	-	-	96.55
	II	30	30	-	-	100
M.Com CA	I	11	8	-	-	72.72
	II	21	21	-	-	100
M.Sc. Computer Science	I	10	9	-	-	90
	II	19	18	1	-	100
M.Sc. Microbiology	I	13	10	-	-	76.92
	II	23	23	-	-	100
M.Sc. Biochemistry	I	15	14	-	-	93.33
	II	23	23	-	-	100
M.Sc. Biotechnology	I	20	16	-	-	80
	II	29	29	-	-	100
MBA	I	25	22	-	-	88
	II	57	54	3	-	100



## 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	05
UGC - Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	2
Faculty exchange programme	-
Staff training conducted by the university	2
Staff training conducted by other institutions	9
Summer / Winter schools, Workshops, etc.	33
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	3
Outlay in Rs. Lakhs	-	-	2.20	42.39

##### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	20	28	-
Non-Peer Review Journals	01	-	-
e-Journals	-	-	-
Conference proceedings	-	12	-

##### 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	2017-20	DST-SERB	20.66 Lakhs	7 Lakhs
	2017-20	ICMR-SRF	12.19Lakhs	5.67 lakhs
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 <i>(other than compulsory by the University)</i>	2018-2019	TNSCST	7,500x2	15,000
	2017-2018	ICSSR	4.67LakhsX4	10.40 Lakhs
	2016-2021	UGC-SVSGC	15,00,000	3.12 Lakhs
Any other(Specify)	-	-	-	-
<b>Total</b>	<b>07</b>	<b>-</b>	<b>56.17 Lakhs</b>	<b>26.34 Lakhs</b>

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

3.9 For colleges Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	2	15	-	-	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
05	01	04	-	-	-	-

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  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

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 is 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	Departments	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.10.93 Lakhs

iv) Others

Rs.2.36 Lakhs

**Total :**

Rs.26.21 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 the 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.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4084	561	4	15

(b) No. of students outside the state

4
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(c) No. of international students

-
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Men	No	%	Women	No	%
	3091	65.1		1554	34.9

Last Year(2017-2018)						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
116	358	11	4116	-	4601	130	450	15	4050	-	4645

Demand ratio 1:1

Dropout %: Less than 3.54%



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

No. of students beneficiaries

62

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 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 benefitted

453

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
43	810	755	55

## 5.8 Details of gender sensitization programmes

A special awareness programme for girls on adolescence problems and health care was organized on January 20<sup>th</sup>, 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 8<sup>th</sup>, 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	05	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: NIL

## 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

#### 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 availability of books, issue details, etc is 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 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. The 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 resources availability in terms of books, journals, e-tutors, magazines and open sources inside and outside the college.
  - b) Work Plan: Specific content of the subject with representing respective hours including hour agenda for the entire semester.
  - c) Lesson Plan: Complete and consolidated unit wise notes.
- An effective monitoring system has been introduced by the institution with establishing several committees to ensure quality and productivity of the academic work. The committees are 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 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 were 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 updating 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.
- A 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 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 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 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 and AICTE norms are strictly followed regarding the admission of students.

### 6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>• Insurance</li> <li>• Free bus transport facility</li> <li>• Loan facilities</li> <li>• Flexi-timings provided for medical reasons</li> <li>• Contributory Provident Fund from the management for the faculty</li> <li>• Contribution towards medical insurance</li> <li>• Maternity leave</li> <li>• Advance to meet emergency expenditure of the staff Admissions, scholarships and fee concessions for children of Teaching staff</li> <li>• Free Healthcare facility.</li> </ul>
Non teaching	<ul style="list-style-type: none"> <li>• Insurance</li> <li>• Free bus transport facility</li> <li>• Free Healthcare facility</li> <li>• Loan facilities</li> <li>• Festival advance</li> <li>• Admissions, scholarships and fee concessions for children of non-teaching, administrative and supportive staff</li> <li>• Bonus for administrative and supportive staff.</li> </ul>
Students	<ul style="list-style-type: none"> <li>• Insurance</li> <li>• Fees concession for sports and alumni.</li> <li>• Free bus transport facility</li> <li>• Free Healthcare facility</li> <li>• KSR help fund for economically challenged students</li> <li>• Fee concession for students who are continuing their studies in the same Institution.</li> <li>• Free accommodation for NCC and Sports students during their practice period.</li> </ul>



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

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

For UG Programmes Yes  No

For PG Programmes Yes  No

6.9 What efforts are made by the University/ Autonomous College for Examination 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 (2018-19) 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 SWOT Analysis)

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

<ol style="list-style-type: none"><li>1. Increase the number of research publications</li><li>2. Proposals for financial assistance to conduct workshops, Seminars and Conferences.</li><li>3. Proposals for major and minor projects</li><li>4. Increase the number of Faculty Development Programs to develop the skills of faculty.</li><li>5. Planned to conduct the third continuous assessment test as online Test.</li><li>6. Increase the number of smart class rooms.</li><li>7. Encourage students to do NPTEL-online courses.</li><li>8. Assignment evaluation process through online</li></ol>
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**Annexure I - (i) Employers feedback**

**Consolidated Employers Feedback:**

<b>Company Name</b>	<b>Visionary RCM, Chennai</b>
<b>Person/ Designation</b>	<b>Mr.S.Hari, HR Manager</b>
<b>Feedback</b>	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

<b>Company Name</b>	<b>Virtusa, Chennai</b>
<b>Person/ Designation</b>	<b>Mr. Keerthi Vasan, HR@ Virtusa, Chennai</b>
<b>Feedback</b>	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.

<b>Company Name</b>	<b>Wipro, Chennai</b>
<b>Person/ Designation</b>	<b>Mr. God's Sheril, HR- Wipro Campus, Bangalore</b>
<b>Feedback</b>	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