



Approved by AICTE and Affiliated to Anna University

Accredited by NAAC with 'A' Grade

(Autonomous since 2017-18)

Internal Quality Assurance Cell

Annual Quality Assurance Report

for the

Academic Year 2017 - 18

Submitted to



National Assessment and Accreditation Council [NAAC]

P. O. Box No. 1075, Nagarbhavi

Bangalore – 560072, Karnataka, India

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**22.10.2018
Coimbatore**

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Sri Ramakrishna Institute of Technology

1.2 Address Line 1

Pachapalayam Post

Address Line 2

PerurChettipalayam

City/Town

Coimbatore

State

Tamil Nadu

Pin Code

641 010

Institution e-mail address

principal@srit.org

Contact Nos.

0422-2605577, 0422-2605454

Name of the Head of the Institution:

Dr.M.Paulraj., M.E., Ph.D.,

Tel. No. with STD Code:

0422-2605577, 0422-2605454

Mobile:

7373488599

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:

1.5 Website address

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.39	2015	5 years
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC : DD/MM/YYYY

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

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

- i. AQAR 2015-16 submitted to NAAC on 13.07.2016
- ii. AQAR 2016-17 submitted to NAAC on 17.10.2017

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*)

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

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

The college has the “Academic Adversary Committee (AAC)” to take necessary steps to improve the quality of education. AAC was followed as per the guidelines and directions given by the Directorate of Technical Education and Anna University, Chennai.

2.15 Plan of Action by IQAC/Outcome

1. Academic Audit of Teaching-Learning Process and Course files
2. Vetting of Internal Test Question Paper through formulation of academic divisions.
3. Academic Monitoring Committee comprising of Senior Professors to verify the components chosen for Continuous Internal Assessment (CIA) and award of marks by Course Coordinators
4. Conduct of Value added programmes and Certificate courses to enhance the knowledge and skills of students.
5. Students and faculty are motivated to enroll in NPTEL courses.
6. Self-Appraisal for Teaching Faculty Members based on Key Performance Index(KPI)

7. Enhancing the submission of funded project proposals and inculcating research interests among faculty.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate any other body

Provide the details of the action taken

Details of Action taken:

1. Academic audit was completed for effective implementation of TLP.
2. All the Internal Test Question Papers were vetted by the Internal Vetting Committee comprising of Division Heads and three members. The committee also ensures that question papers were set based on Bloom's Taxonomy.
3. Academic Monitoring Committee meetings were conducted to review and approve the CIA marks.
4. Value added courses and Certificate courses were conducted.
5. Self-appraisal based on key performance index (KPI) parameters was made and horizontal and vertical increments were given to faculty.
6. Project Proposals were submitted by faculty to various funding agencies like DST, AICTE, ICMR, TNSCST and so on.

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	-	-	-	-
PG	6	-	6	-
UG	6	-	6	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	12	-	12	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	12
Trimester	-
Annual	-

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

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

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

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

Yes

Autonomous curriculum and syllabi is framed for the students admitted from 2017-18 onwards. Choice based Credit System has been implemented and the unique feature of the curriculum is that it is track based. The curriculum for each programme has three different tracks pertaining to the niche areas of specialisation in the particular programme. The syllabus for the third and fourth semesters of autonomous courses were framed and approved by BOS and Academic Council.

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
	156	140	6	10	-

2.2 No. of permanent faculty with Ph.D. 29

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
	30	-	-	-	-	-	1	-	31	-

2.4 No. of Guest and Visiting faculty and Temporary faculty - - -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	28	34	-
Presented	33	6	-

Resource Persons	3	-	-
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2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Implementation of IMS, Video Lectures and Digital Repository Centre.
- Vetting Committee for Internal Test Question Papers
- Academic Monitoring Committee to approve CIA marks.
- Conduct of Value added courses / Workshops/Certificate Courses for Students.
- MoU has been signed between SRIT and University Malaysia Perlis (UniMAP), Malaysia facilitating the interested students to carry out Internship, Integrated Design Project (IDP), Final Year Project (FYP) for a short duration in UniMAP, Perlis, Malaysia. A total of 53 students had gone to Malaysia during the academic year 2017-18.

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

180 days

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

Closed Book

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

BOS: 85

Syllabus: 100

GCB: 09

2.10 Average percentage of attendance of students

85 and above

2.11 Course/Programme wise distribution of pass percentage (Graduated percentage):

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Total Pass %
B.E-Civil	124	0	38.71	29.03	-	67.74
B.E-Mech	128	0	39.06	17.19	-	56.25
B.E-CSE	92	0	50.00	8.69	-	58.69
B.Tech-IT	39	-	74.35	12.82	-	87.17
B.E-EEE	48	0	64.58	14.58	-	79.16
B.E-ECE	89	0	58.42	19.10	-	77.52

MBA	13	0	69.23	15.38	-	84.61
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2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes?

The academic activities in the institution are coordinated by IQAC. IQAC meets once in three months and discusses about various activities. Seminar and guest lectures are arranged periodically to enhance the knowledge of faculty and students and improve the teaching learning process. This enables the students to grab more knowledge about the corporate world. In teaching-learning process, as part of social learning, students are asked to access NPTEL (National Program for Technical Enhanced Learning). This enables the committee to monitor all the aspects of students.

Academic Monitoring Committee comprising of Professors and Heads of departments meet to approve the course plans and internal assessments. Suggestions are recorded and carried out accordingly. Teaching-Learning process is also audited, assessed and evaluated for all courses. Apart from contribution and monitoring, the members of IQAC discuss to improve the quality of our Institution in all aspects.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	2
UGC – Faculty Improvement Programme	11
HRD programmes	24
Orientation programmes	2
Faculty exchange programme	-
Staff training conducted by the university	10
Staff training conducted by other institutions	49
Summer / Winter schools, Workshops, etc.	66
Others	1

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	16	-	-	-

Technical Staff	49	-	-	-
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Criterion – III

3. Research, Consultancy and Extension

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

1. The following departments are recognized as Approved Research Centre by Anna University, Chennai:
 - i) Computer Science and Engineering
 - ii) Electricals and Electronics Engineering
 - iii) Electronics and Communication Engineering
 - iv) Mathematics
 - v) Chemistry &
 - vi) Management Studies
2. Staff and Students are motivated to publish articles in reputed journals.
3. Faculty members and students are encouraged to submit project proposals to various funding agencies.
4. SRIT Research Promotion Scheme (SRIT-RPS) was initiated to create research ambience in the institution. Research proposals were invited from students and faculty and were scrutinized by an expert committee comprising of internal and external academicians.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	2	3
Outlay in Rs. Lakhs	-	-	30.898	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	-	5
Outlay in Rs. Lakhs	0.1	0.1		

3.4 Details on research publications

	International	National	Others
Peer Review Journals	120	1	-
Non-Peer Review Journals	24	1	-
e-Journals	29	2	-
Conference proceedings	26	12	-

3.5 Details on Impact factor of publications:

Range Average h-index sum 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	2	AICTE – All India Council for Technical Education	Rs.30.898 Lakhs	Rs.24.7 Lakhs
Minor Projects	1	TNSCST	Rs.0.2 Lakhs	Yes
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (<i>other than compulsory by the University</i>)	1	DST & Texas	Rs.33.00 Lakhs	Yes
Any other(Specify)	-	-	-	-
Total	-	-	64.098	-

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 Rs.90,370

Level	International	National	State	University	College
Number	1	4	-	-	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons 22

3.13 No. of collaboration: International 3 National 13 Any other 2

3.14 No. of linkages created during this year 4

3.15 Total budget for research for current year in lakhs:

From Funding agency 64.098 From Management of University/College 1.5

Total 65.598

3.16 No. of patents received

this year

Type of Patent	Number
National	Applied 19
	Granted 3
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
19	12	7	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides 18

and students registered under them 62

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

- Energy awareness programme on 07.11.2017.
- Community development extension project – I was carried out by first year MBA students wherein they taught management concepts to the 8th std. students of two Government schools at Coimbatore.
- Our College NSS volunteers in association with Tamil Nadu RNTCP (Revised National TB Control Program) have actively participated in a state wide “Tuberculosis Active Case Finding” from 14.07.2017 to 20.07.2017 at Perur Chettipalayam, Kalampalayam and Theethipalayam, Coimbatore
- The Rotary Club of SRIT has conducted awareness programme across 24 villages in Coimbatore South Taluk on 19.11.2017 in connection with the World Toilet Day.
- ICMR sponsored Seminar on “Awareness and Measures to overcome Depression and Anxiety Disorders among adolescent age group” during 2-3, August 2017.
- One day workshop on Fire Safety theory and practice for first year students.

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	49.99 acres	-	-	49.99 acres
Class rooms	69	-	-	69
Laboratories	39	-	-	39
Seminar Halls	02	-	-	02
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	-	-
Others	-	-	-	-

4.2 Computerization of administration and library

- Library Management System Software
- LINSY'2K for Administration:
 1. Payroll System
 2. Hostel Management System
 3. Tally

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	42645	11988624	136	67042	42781	12055666
Reference Books	12016	4291453	37	30849	11951	4322302
e-Books	3059	-	23	-	3082	-
Journals	129	369330	-	-	129	369330
e-Journals				-		
Digital Database	11	1791487	-	-	11	1791487
CD & Video	294	-	4	-	298	-
Others (specify)	-	-	-	-	-	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept	Others
Existing	876	12 Labs (561 systems)	48 Mbps	1 no. (69 systems)	1 no. (72 systems)	1 no. (12 systems)	8 Nos. (92 systems)	70 Nos.
Added	16	69 systems	85 Mbps	-	-	-	75 systems	13
Total	892	12 Labs (630 systems)	133 Mbps	1 no (69 systems)	1 no (72 systems)	1 no (12 systems)	8 nos (167 systems)	83 Nos.

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

For Faculty:

- Two day FDP on “Introduction to R Programming” on 6-7, December 2017.
- One week FDP on “Design of Reinforced Concrete Structures” during 19-23, June 2017.
- Three day FDP on “Soft Computing Techniques using MATLAB for Engineering Research”, during 9-11, August 2017.
- One day FDP on “ Emerging trends in Real Time Embedded Processing using ARM Cortex MCU and Energia IDE tool” on 13.9.17.
-

For Students:

- Tekace Talks
- Let’s Code
- Poster Design
- AICTE sponsored national seminar on “Transforming Virtual Ideas into Realistic 3D model- rapid Prototyping” on 06.10.2017.
- One Day Hands-on Workshop on “PYTHON Basics” by Women in Computing Club.
- SEMINAR ON “BIG DATA ANALYTICS”
- Two Days Short Term Training Programme on Python 3.5 Coding Fundamentals
- Two Days Short Term Training Programme on Android App Development

- One Day Hands-on Workshop on Selenium a portable software Testing frame work for web application.
- Certificate course on the topic “Advances in Pro-E using Creo”
- Certificate course on the topic “Production drawing”
- Experiential Learning
- One day Managerial Skills Development Program.
- Seminar on Machine Intelligence
- ICMR sponsored seminar on “Smart wireless sensor networks for healthcare monitoring” during 14-15, September 2017.
- Workshop on “PC trouble shooting and networking” on 26.10.2017
- Workshop on “Modern trends in Automobile Technologies”
- One day Seminar on “Ethical Hacking and Network Security” on 29.12.2017.
- Hands-on workshop on “Web App Development” and Amusing Electronic Circuits and Simulation”.

4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs.59.83
ii) Campus Infrastructure and facilities	Rs.94.69
iii) Equipments	Rs. 1.72
iv) Others	-
Total:	Rs.156.24

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Guest Lectures/ Workshops/ Seminars are arranged.
- Association Activities/ IEEE Student Chapter/ IE Activities are conducted
- IETE Project Expo is conducted to
- ICMR Sponsored Seminars are conducted to create health awareness.
- To make the students aware of the student support services as well as to balance life and study, One week Orientation programme was conducted at the beginning of the academic year for First year students.

5.2 Efforts made by the institution for tracking the progression

- Guidance and support is provided to the students in finding suitable industries for undergoing Inplant training/ Internship and many students have been benefitted.
- The progress of the student in both academics and co/extracurricular activities is tracked periodically.
- Academically, the students were tracked by the Continuous Internal Assessment (CIA), mentoring, parent teacher meet etc.
- Every year various activities such as workshops, value added programs are being coordinated by the department for the student's progression and are being continuously monitored.
- Mentor system is provided for the welfare of the students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others	Total
2162	57	-	-	2219

(b) No. of students outside the state

-

(c) No. of international students

Nil

No	%
1556	70.12

Men

No	%
663	29.88

Women

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
125	233	5	1732	0	2095	178	190	2	1849	0	2219

Demand ratio(UG) : $2162/2580 = 0.84$

Dropout ratio: 0.005

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

GATE coaching

No. of students beneficiaries

50

5.5 No. of students qualified in these examinations

NET	<input type="text" value="-"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="1"/>

5.6 Details of student counselling and career guidance

Tutors are allotted for each class and they assume responsibility for the students under them. Each tutor discusses with the students individually during the tutor ward meeting hours and records their personal and academic details. At the end of each internal test, the marks scored by the students are analysed by their respective tutors and counselling is provided to the slow learners. Also the grievances (if any), difficulty in learning and reason for their poor performance of the students are discussed and recorded. The tutors advise and counsel the students as to how to improve their skills and motivate them to perform better in the next tests. The improvement of the students is analysed from the subsequent performance.

Professional Counsellor from Sri Ramakrishna Hospital (our Trust hospital) also visits periodically on Wednesday and Friday to provide counselling to students who need additional attention as recommended by the Heads of Departments.

No. of students benefitted

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
81	267	194	7

5.8 Details of gender sensitization programmes

Programme	Venue	Date	Chief Guest
Inauguration of Gender Champion Club	Seminar Hall I	28.12.2017	Dr.R.M.S Parvathi, Dean-PG Studies, SRIT.
Poster Making & Painting Competition(Topic: How we can Eliminate Gender Inequality)	LH-242, SRIT	31.1.2018	Dr.S.Nagarani, GCC Faculty Coordinator

Guest Lecture on “Social Responsibility”	Seminar Hall I	22.2.2018	Dr.S.Sethuram, AP, B-School, SRIT
Field Trip- Survey on gender equality among the village people	Karadimadai	9.3.2018	Students
Tree Saplings Plantation	Karadimadai	9.7.2018	Student

5.9 Students Activities

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

State/ University level National level International level

5.9.2 No. of students participated in cultural events

State/ University level National level International level

5.9.3 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(Rs.)
Financial support from institution	-	-
Financial support from government	790	1,32,66,760
Financial support from government (FG)	572	1,29,40,000
Financial support from other sources	8	1,60,000
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 6

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision of the Institution

Our Vision is to develop into a World Class Technological Institute with centers of excellence in various disciplines by providing quality and value-based education with continuous upgradation of infrastructure, human resources and teaching – learning process.

Mission of the Institution

Our Mission is to produce Quality Engineers, Scientists and Managers equipped with unbounded technical skills, domain knowledge and excellent moral values, for the advancement of the industry, business and for the emancipation of society.

6.2 Does the Institution has a management Information System

Yes. The Management Information System is formulated through the members of Governing Council composed of Managing Trustee, Joint Managing Trustee, Chief Executive Officer, Academic Director, Principal, University Nominee and College Committee members.

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

6.3.1 Curriculum Development

Autonomous curriculum is effective from the academic year 2017-18. Hence, choice based credit system has been introduced and the regulations, curriculum and syllabi (1-4 semesters) have been framed following the guidelines of AICTE and affiliated Anna University. It is successfully implemented after the approval of Board of Studies (BOS), Academic Council and Governing Council. The syllabi is framed by benchmarking with reputed universities and Premier Institutes in India and abroad. The BOS includes industry and alumni experts apart from subject experts. Outcome Based Education (OBE) is already in practice in SRIT and is followed meticulously.

6.3.2 Teaching and Learning

The Teaching-Learning methodology is strictly followed as per the institution guidelines and practices. The continuous evaluation of teaching-learning process is carried out through the internal audits. The typical teaching practice is divided into Theory: Tutorial: Practical: Self-study components. The teaching-learning process involves traditional black board teaching, usage of PPTs in the class rooms, facilitating online learning, and project/game/activity based learning. Moodle Platform is used for interactions.

The evaluation consists of Internal Assessment and End Semester Examination. The final grade will be awarded based on the combined marks obtained in both internal test and end semester examination.

6.3.3 Examination and Evaluation

Affiliated to Anna University- Chennai

Evaluation:

Under University Curriculum (Second, Third and Final Years)

1. Internal Assessment (20%)

Internal Assessment Test 1 will be conducted for 50 Marks.

Internal Assessment Test 2 will be conducted for 50 Marks.

Internal Assessment Test 3 will be conducted for 50 Marks.

(Performance is considered as average of three assessments out of 20).

Tests will be conducted as per the schedule given by the university.

2. External Assessment (80%)

University will conduct End Semester examination for 100 marks

(10*2=20, 5*14=70 & 1*10 =10).

Performance will be considered for assessment out of 80.

Under Autonomous Curriculum (First Year)

1. Continuous Internal Assessment (40%)

Internal Test I and II = 20%

Assignments/Quiz/Presentation/ Laboratory experiments/ Projects = 20%

2. External Assessment (60%)

End semester examination is conducted for 100 marks and performance is assessed for 60 marks.

6.3.4 Research and Development

The participation and contribution by faculty towards R& D and Consultancy has been enhanced significantly. Almost 75% of our faculty members participate in Faculty Development Programmes conducted by IIT/NIT/Premier Institutions to update their skills and knowledge. Both faculty and students of SRIT are very active in research. To facilitate the R&D/Consultancy activities, SRIT has set up certain research labs and consultancy works. SRIT Management has instituted SRIT Research Promotion Scheme (SRIT-RPS) to create research ambience in the institution. Research proposals are invited from students and faculty and are scrutinized by an expert committee comprising of internal and external academicians. The departments are also approved centers of research under Anna University, Chennai offering Ph.D. programmes. This facilitates the faculty to pursue Ph.D.

6.3.5 Library, ICT and physical infrastructure / instrumentation

133 Mbps Internet facility

Fifty percentage of class rooms are ICT enabled.

OPAC is provided for the users in library to identify the requested resources immediately.

Laboratories were established as per Anna University norms.

6.3.6 Human Resource Management

Staff Club

Women Empowerment Cell

Photography Club

Alumni Association

6.3.7 Faculty and Staff recruitment

The interview panel comprising of Academic Director, Principal, Head of the Department and Expert from Government Institution.

First round - Online examination on teaching learning methodologies and research.

Second round - Technical interview by the interview panel.

Recruitment is only performance and merit based.

6.3.8 Industry Interaction / Collaboration

MoU's are signed between our college and various industries.

Corporate meet is arranged by the department of management.

Value added programs / workshops / Guest Lectures are conducted in association with industries.

Internships, Inplant trainings and Industrial visits are arranged regularly.

Few faculty are also deputed to undergo training in Industry for one week.

6.3.9 Admission of Students

Single window system as per Tamil Nadu Government norms.

6.4 Welfare schemes for

Teaching and Non teaching	PF, Gratuity, Group Insurance, Staff Club ESI Earned leave Medical leave Maternity leave PF, Group Insurance
Students	Women Empowerment Cell, Career Guidance, Counselling, Anti-ragging Committee, Grievance and Redressal Cell look after the welfare of Students Scholarships are arranged. Alumni cell provides scholarship to deserving students.

6.5 Total corpus fund generated

Nil

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	Anna University	Yes	Academic Audit Committee
Administrative	Yes	Mr.Prabu, Chartered Accountant	Yes	Mr.N.Krishna Kumar, Chartered Accountant

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

For UG Programmes Yes No

For PG Programmes Yes No

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

Anna University Chennai norms are followed.

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

As per UGC and Anna University criteria, our institution has applied for autonomous status during 2016-17 and autonomy has been granted effective from the academic year 2017-18.

6.11 Activities and support from the Alumni Association

- Alumni meet was conducted every year, to have a better interaction between the alumni, college and students.
- Placed alumni students are called very often to encourage and motivate third and final year students for getting placements.
- Alumni students who are entrepreneurs are called and asked to give guest lecture to enhance entrepreneurship.
- Alumni is also included as a member in BOS in framing the curriculum and syllabus.
- Alumni association also provides scholarship to economically poor students with good academic records

6.12 Activities and support from the Parent – Teacher Association

- Every year parents – teachers meeting was conducted to improve the performance of students.
- Parent’s feedback was collected to overcome the problems faced by the students and for further improvements.

6.13 Development programmes for support staff

- The non-teaching and the supporting staff are frequently given training programmes.
- Training on usage of computers, Tally, paperless office, maintenance of student’s database etc.
- Training on First Aid and Safety Precaution.

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

- The Institute encourages the students to promote a green environment within the campus.
- The students plant saplings in and around the campus.
- Usage of plastic covers is strictly prohibited in and around the campus.
- A separate estate officer is appointed in the college to care of all these activities.

Criterion – VII

7. Innovations and Best Practices

- Power point presentation during classes
- Video presentation during classes
- Certification courses are conducted for the students
- Staff members are taking up online courses from NPTEL
- Semester Auditing of academic records
- Power point presentations, model question papers, lab manual, two marks questions with answers and other details about the Subject and Laboratories are available in Moodle website, Students can access them easily
- 2 Class committee meetings are arranged for students to share their grievances.
- 3 tutors are allocated for every class.
- Mentor system is provided for the welfare of the students.
- Value Added programs are conducted to develop knowledge on various latest technologies.
- Slow learners are identified and special attention is given for them like special coaching classes

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

- New Course Plan format and UAF (Undergraduate Academic Form) was introduced. Each course coordinator had prepared and obtained approval from the Head of the Department and Principal before the start of semester.
- Academic divisions were formed with senior teaching faculty as members and Internal Test Question Papers were vetted by them to ascertain the cognitive level of questions.
- Value added programmes were conducted to enhance the knowledge and skills of students.
- Parent -Teachers Meeting was conducted.
- Self-Appraisal for Teaching Faculty Members based on Key Performance Index (KPI) was introduced and increments given.
- Through Career advancement interviews, promotions given.
- SRIT Research Promotion Scheme was implemented and selected proposals were provided funding.

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

1. SRIT student management system, VALTACE system.
2. Establishment of e-learning facility

7.4 Contribution to environmental awareness / protection

- One day workshop was conducted on 28.09.2017 under the topic “Energy Conservation” Chief Guest: Mr. Somasundaram, ZF Wind Power, Coimbatore
- One day workshop was conducted on 11.10.2017 by ECO Club under the topic “Industry 4.0, Intelligent Energy Data Management for Sustainable Production” Chief Guest: Mr. S.Ashok BEE Accredited Energy Auditor ZF Wind Power, Coimbatore, Dr.Babu, PSG College of Technology, Coimbatore.

7.5 Whether environmental audit was conducted? Yes No

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

1. The college provides opportunities for students to undergo internship/inplant trainings in Malaysia.
2. The college focus its attention to improve student support and progression.
3. Steps have been taken to improve the research contribution of faculty members.
4. Admission Strategies are planned to improve and sustain good student intake.

Plans of the Institution for next year

Curriculum Enrichment

- The Institution is affiliated to Anna University – Chennai and has received autonomous status. Choice Based Credit System (CBCS) is introduced and syllabus is framed to make our students to compete with the global standards and to enrich their knowledge.
- To motivate the students to participate in Internships/ Integrated Design Project/ Inplant Trainings/ Final Year Projects (FYP), arranged in premier organisations in India as well as in UniMAP, Perlis, Malaysia as part of the MoUs signed with them.
- To conduct more Skill Oriented Programmes, Seminars, Workshops, Guest lectures, Motivational and Value Added Programmes.
- To introduce Professional Certificate courses/online certificate courses for our students.
- To motivate the students to carry out mini projects and industry linked final year projects.

Teaching, Learning and Evaluation

- Preparation of Voice over Power Point Presentation for all subjects.
- Planning to conduct more Faculty Development Programmes.
- Depute more staff members to interact with outside world.
- E-learning facility using Moodle.
- Organizing Skill oriented training through Moodle.

Research Consultancy & Extension

- All faculty members and Post Graduate students are motivated to submit more proposals for various funding agencies.
- Encourage all teaching staff to publish research papers in reputed journals conferences and to file patents.
- Faculty members those who have not registered for Ph.D. are insisted to register.

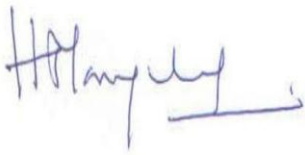
INSTITUTIONAL INFRASTRUCTURE

- Planning to upgrade system configuration.
- Establishment of new ICT enabled classes.
- Renovation and Maintenance work whenever required.
- Planning to establish incubation centre.

Industrial Linkage, Entrepreneurial Development and Placement.

- To bridge the gap between industry and our institution, more MoUs will be signed with the industries.
- Extended development centres of industries will be established in the institutional premises.
- Every year, a corporate meet is planned to strengthen the corporate relations.
- The linkage will be further strengthened by conducting various departmental activities with the collaboration of industries.

Name: Dr.H.MANGALAM



Signature of the Coordinator, IQAC

Name: Dr.M.PAULRAJ



Signature of the Chairperson, IQAC
