SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

Dr. Visweswaraiah Road (Banglore – Tirupathi Bye-pass Road)

Murukambattu, Chittoor – 517 127

Andhra Pradesh, India

Annual Quality Assurance Report (AQAR)

for 2016 - 17

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi,

Bangalore - 560 072, India

The Annual Quality Assurance Report (AQAR) of the IQAC for 2016-2017

Part – A

1. Details of the Institution

1.1 Name of the Institution

> SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES

1.2 Address Line 1

> DR.D.K.Audikesavalu Marg (Banglore-Tirupathi Bye-pass Road)

Address Line 2

> Murukambattu Post, Chittoor

City/Town

> Chittoor

State

> Andhra Pradesh

Pin Code

> 517 127

Institution e-mail address

> principal@sitams.org

Contact Nos.

> 08572-246298

Name of the Head of the Institution:

> Dr.P.RAMESH KUMAR

Tel. No. with STD Code:

> 08572-246299

Mobile:

> 9440366346

Name of the IQAC Co-ordinator:

> T.VIVEKANANDAN

Mobile:

9994183833

IQAC e-mail address:

iqac@sitams.org

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

APCOGN19413

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

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom

of your institution's Accreditation Certificate)

EC(SC)/05/A&A/124

1.5 Website address:

www.sitams.org

Web-link of the AQAR:

www.sitams.org/iqac/aqar

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.35	Mar 3, 2015	Mar 2, 2020
2	2nd Cycle	-	-	-	-
3	3rd Cycle	-	-	-	-
4	4th Cycle	-	-	-	-

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

31/01/2014

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

2016-2017

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

    i. AQAR _____ AQAR(2015-2015) on 06/08/2018_____

    ii. AQAR_____ __-_____ (DD/MM/YYYY)

    iii. AQAR_____ _-_____ (DD/MM/YYYY)

    iv. AQAR_____ __-_____ (DD/MM/YYYY)

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)   .   MASTER OF COMPUTER APPLICATIONS

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

JNTUA - Anantapuramu

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

Autonomy by State/Central Govt. / University | UGC

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 — 13

2.2 No. of Administrative/Technical staff — 1

2.3 No. of students — 2

2.4 No. of Management representatives — 1

2.5 No. of Alumni — 2

2. 6 No. of any other stakeholder and

   Community representatives — 1

2.7 No. of Employers/ Industrialists — 2

2.8 No. of other External Experts — 1

2.9 Total No. of members — 23

2.10 No. of IQAC meetings held   `3`

2.11 No. of meetings with various stakeholders: No. `2`   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. `3`   International ☐   National ☐   State `1`   Institution Level `2`

  (ii) Themes

> 1. Workshop on Outcome-based Education system.
>
> 2. Workshop on Quality initiative in teaching learning.
>
> 3. Seminar on Curriculum Design and Development for Sustainable and Employability skills

2.14 Significant Activities and contributions made by IQAC

- Orientation programme organized for new faculty members.
- Periodic monitoring of feedback from stakeholders for continuous improvement.
- Continuous evaluation and monitoring to reach quality benchmarks set for the Institution.
- Regular Internal review and audit.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1. Outcome and Quality Based Education related workshop 2. Student Monitoring and mentoring 3. Internal Auditing – Various departments of the Institution. 4. Industrial visit and training	YES, Attained

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

Management √   Syndicate ☐   Any other body ☐

Provide the details of the action taken

AQAR report for 2016-17 was placed in the Governing Council meeting and approved.

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	2	--	--	--
PG	8	--	--	1
UG	5	--	--	9
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	15	--	--	10

Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	13
Trimester	-
Annual	-

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

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

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

- No Revision/ Update of regulation or syllabi

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
149	114	20	14	-

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
9	21	5	11	1	6	1	-	16	38

2.4 No. of Guest and Visiting faculty and Temporary faculty

NIL

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	NIL	11	NIL
Presented papers	34	55	NIL
Resource Persons	4	NIL	NIL

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

- Innovative teaching approaches have been introduced by the usage of E-Library and E-Journal, ICT tools like visual and audio aids.

- Industrial visits and In-plant training to reduce the gap between Industry and Institute.

- Guest lectures, Seminars, Workshops and FDP were organized to gain knowledge in the current technologies.

- Motivated to attend the Value added courses.

2.7 Total No. of actual teaching days during this academic year   180

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

Online Multiple Choice Questions

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

| 21 | 27 | 93 |

2.10 Average percentage of attendance of students   81.96

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
CIVIL	75	38.5	28	6.6	-	73.33
CSE	94	57	11	-	-	72.34
CSE (M.Tech)	4	100	-	-	-	100
ECE	185	62.70	21.62	9.19	6.49	85.40
ECE(M.Tech)	3	66.67	33.33	-	-	100
EEE	60	53	33.33	-	-	88.33
EEE(M.Tech)	2	50	-	-	-	50
MECH	89	31.46	37.07	1.12	-	69.7
MBA	178	90	42	-	-	74.15
MCA	19	84.21	15.78	-	-	100

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

- Every student is assigned to a mentor to monitor the progress of the students.

- The progress of the students is monitored. The slow learners are identified and remedial classes were conducted to improve the academic performance.

- Class committee meetings are conducted regularly for quality enhancement in teaching and learning process.

- ICT Faculties were increased and faculties were motivated to use them effective.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	25
UGC – Faculty Improvement Programme	-
HRD programmes	23
Orientation programmes	5
Faculty exchange programme	2
Staff training conducted by the university	-
Staff training conducted by other institutions	11
Summer / Winter schools, Workshops, etc.	63
Others [Training and Faculty Development]	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	101	-	-	-
Technical Staff	17	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

> IQAC initiated the following in promoting the research:
> - Research and Development cell established research clusters to initiate research activities.
> - Faculty and Students are motivated to publish research papers in highly reputed journals
> - Research proposals to various funding agencies.

3.2   Details regarding major projects - NIL

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs	NIL	NIL	NIL	NIL

3.3   Details regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	3	-	-
Outlay in Rs. Lakhs	-	8.75	-	-

3.4   Details on research publications

	International	National	Others
Peer Review Journals	33	3	-
Non-Peer Review Journals	4	-	-
e-Journals	-	-	-
Conference proceedings	14	4	-

3.5 Details on Impact factor of publications:

Range [0-6]   Average [3.4]   h-index [-]   Nos. in SCOPUS [4]

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	2	UGC – Hyderabad	2.35 Lakhs	2.35Lakhs
Minor Projects	2	UGC – Hyderabad	3.90 Lakhs	3.90 Lakhs
Minor Projects	2	UGC – Hyderabad	2.50 Lakhs	2.50Lakhs
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2015-2016	Sreenivasa TRUST	1Lakh	1 Lakh
Students research projects *(other than compulsory by the University)*	2015-2016	Sreenivasa TRUST	0.5 Lakh	0.45 Lakh
Any other(Specify)	-	-	-	-
Total		-	-	10.2 Lakhs

3.7 No. of books published   i) With ISBN No.   [1]   Chapters in Edited Books   [-]

ii) Without ISBN No.   [2]

3.8 No. of University Departments receiving funds from

UGC-SAP [0]   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

17.55Lakhs

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	-	-	-	3
Sponsoring agencies	-	-	Sreenivasa Trust	-	Sreenivasa Trust

3.12 No. of faculty served as experts, chairpersons or resource persons   15

3.13 No. of collaborations   International   -   National   1   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   8.75Lakhs   From Management of University/College   13.52 Lakhs

Total   22.27 Lakhs

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows
     of the institution in the year

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	-

3.18 No. of faculty from the Institution   9

    who are Ph. D. Guides

    and students registered under them   13

3.19 No. of Ph.D. awarded by faculty from the Institution   1

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

    JRF   -   SRF   -   Project Fellows   -   Any other   3

3.21 No. of students Participated in NSS events:

University level	-	State level	383
National level	-	International level	-

3.22 No. of students participated in NCC events: **N/A**

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: N/A

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum [-]   College forum [1]

NCC [-]   NSS [15]   Any other [-]

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

     1. Blood Donation Camp

     2. Services rendered to Orphanage, Old age home, etc.

     3. Eye Check-up Camp

     4. Tree plantation programme

     5. Rural Development Programme

     6. Environment awareness camps

     7. Yoga Camp

     8. Rally on Road Safety Awareness

     9. Medical Camp

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	48.81 Acres	-	Sreenivasa TRUST	-
Class rooms	56	12	Sreenivasa TRUST	68
Laboratories	31	3	Sreenivasa TRUST	34
Seminar Halls	7	1	Sreenivasa TRUST	8
No. of important equipment purchased (≥ 1-0 lakh) during the current year.	-	-	Sreenivasa TRUST	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	26.29Lakh	Sreenivasa	-

					TRUST	
Others		-	-	-	-	

4.2 Computerization of administration and library

- ✓ E-Resource Database has been created such as video lecture, lecture notes, e-books, etc
- ✓ Bar coding system was installed and implemented successfully.
- ✓ Digital Library has been upgraded with 32Mbps Internet connectivity.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	57,861	1,33,06,004	3282	4,49,959	61,143	1,37,72,339
Reference Books	5225	12,39,196	61	8540	5286	12,48,360
e-Books	2050	Open and free Acsess	-	-	2050 (Yearly renewal)	Open and free access
Journals	69	89,649	4	12,000	73	1,01,649
e-Journals	172	4,62,765	-	97,165	172	5,59,930
Digital Database	1 [DELNET]	11,500	-	-	1 [DELNET]	11,500
CD & Video	1920	-	454	-	2374	
Others [SC/ST Book Bank]	2338	7,02,470	935	5,45,699	3273	12,48,169
Others	-	62,817	-	-	-	55,571

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	615	430	20	-	-	11	29	50
Added	120	120		-	-	-	-	-
Total	735	553	20	-	-	11	29	50

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

- ✓ Total Computers have been increased to 615 with the purchase of 75 computer systems.
- ✓ Internet Speed has been upgraded to: 40Mbps.
   BSNL ILL [40Mbps + 5Mbps +]
- ✓ Teachers and students were motivated to NPTEL are provided for faculty and students.

4.6 Amount spent on maintenance in lakhs :

i) ICT

3.15 Lakh

ii) Campus Infrastructure and facilities

135.5573Lak

iii) Equipments

135.557 Lakh

iv) Others

1.265 Lakh

Total : 274 Lakh

Criterion – V

5. Student Support and Progression

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

- ❖ Induction day for the fresher's, where in all the coordinators & conveners of different committees briefed the students about curricular & extracurricular activities.

- ❖ Internet facility with Wi-Fi connectivity is made available throughout the campus to support the students in enhancing their knowledge with easy digital access.

- ❖ The college is catering to the needs of students belonging to deprived communities of Scheduled castes, Scheduled tribes, other backward classes and economically backward groups. SC and ST Students are encouraged to continue their education by way of Scholarships from Government and Non – Government Organizations.

- ❖ Updates on notice boards and college website to ensure active participation by students in various activities.

- ❖ Subject wise Remedial classes for slow learners are conducted during the evening hours.

- ❖ Entrepreneurship Development Cell organizes periodical meetings with industrialists, entrepreneurs and chief executives of various concerns to enhance the entrepreneurship skills among the students.

- ❖ Industry Institute Interaction cell builds a good relationship between the Industry and the Institute for the welfare of the students by organizing Guest lectures, Seminars, Workshops, Conferences, Industry visits, In-plant Training, Internships and Campus Connect Programmes.

- ❖ Placement & Training Cell organizes various training programmes to mould the students with core competency and employability.

- ❖ Library is equipped with various books, references, journals and e-journals to supplement the thrust of students to enrich their self-learning ability.

5.2 Efforts made by the institution for tracking the progression

- ❖ Tracking the progress of students through Cycle Test, Assignments, Model exams, and Counseling.
- ❖ Various committees are functioning to support the students.
- ❖ Grievances and Redressal, Women's welfare etc
- ❖ Periodic Parent - Teachers meeting has been conducted to convey the progress of the wards and to elicit their views on various issues.
- ❖ Department meetings are being conducted twice in a month to monitor the progress of the action plan.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1499	502	3	-

(b) No. of students outside the state

7

(c) No. of international students

-

Men

No	%
-	

Women

No	%
-	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
976	118	8	552	1	1655					0	1499

Demand ratio   Dropout %

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

-

No. of students beneficiaries

-

5.5 No. of students qualified in these examinations

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

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

5.6 Details of student counselling and career guidance

- Students were supported for preparing the GATE, GRE, other competitive exams etc,
- NPTEL videos were used for advanced learning.
- Value added coursed were organised to facilitate towards awareness on advanced technologies.

No. of students benefitted

| 70 |

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
26	250	48	96

5.8 Details of gender sensitization programmes

International Womens' Day was organized by the NSS. Various events like Art design, Singing, Group Discussion, Quiz, Debate, Painting, organized for women students, faculty, and staff. Prizes were given to the winners.

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	-	-
Financial support from government	1499	5,00,18,000
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11   Student organised / initiatives

Fairs   : State/ University level [-]   National level [-]   International level [-]

Exhibition: State/ University level [-]   National level [-]   International level [-]

5.12   No. of social initiatives undertaken by the students [   ]

5.13 Major grievances of students (if any) redressed: _____-_____

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution
Quality Policy of the Institution

Vision

Our vision is to motivate the students to be well informed and develop the necessary values and skills to meet the challenges of the modern world.

Mission

Our mission is to

- Provide a congenial academic ambience.
- Inculcate confidence to face and experience new challenges.
- Unleash and encourage the innate potential of the students.
- Ignite the students to acquire self-reliance in state-of-the-art technologies.
- Foster an enterprising spirit among students.
- Proceed through international alliances and collaborative initiatives to achieve global excellence with international standards.
- Focus on the process of advance knowledge in a rigorous academic and research and development environment.
- Create a centre of attention and assemble people in a rewarding and inspiring environment by development of freedom, empowerment, creativity and innovation.
- Nurture talents and entrepreneurship and enable all-round personality development programmes among / within students.
- Empower students from all socio-economic levels of values in the academic, research and professional field.
- Be a centre of excellence in education and research in emerging methodologies with the industry and industrial related fields.
- Develop world class research facilities on par with the finest in the world and broaden students' horizons beyond classroom education.

Quality Policy

SITAMS strives towards excellence by adopting a system of qualitative policies and processes to enhance students' skills and talents for their exemplary contribution to the society, the nation and the world.

6.2 Does the Institution have a management Information System?

Computer Based Management System:

Students' academic information is managed through AIMS (Academic Information Management System) software.

- Students' feedback is obtained through AIMS.
- A Mobile App is created for SITAMS, for providing constant information to the students.
- Day-to-day messages on mode of operation for various academic and extension activities are conveyed through online to the faculty members**.**
- Initiatives have been taken to minimize the Paper work by maximizing the use of ICT.
- Free Wi-Fi accessibility is available for the staff and students which makes it possible for them to communicate instantaneously and helps them to carry out innovative projects and research works.

2. Document based management system

- A salient feature of the College management is that, there is a practice of constituting several sub-committees and other non-statutory bodies to discuss the issues and their complexities in depth and recommend decisions to the relevant authorities.
- SITAMS has various administrative, academic and research committees for its smooth functioning and better outreach towards day to day activities to faculty, students and staff.
- Administrative officers and faculties of various departments are appointed as the members of such committees.
- Some of the important committees are

- Finance Committee.
- Planning Board.
- Standing Committee of Academic Affairs.
- Research and Development Cell
- Department-wise R & D members committee
- Academic Structure Committee.
- Appointment Committee.
- Applications Scrutinizing Committee.
- Fee Revision Committee.
- Students' Project Monitoring and Evaluation Committee.
- Technical Information and Liaison Committee.
- Examination Reforms Committee.
- Purchase Committee.
- Library Advisory Committee.
- Students Counselling Cell.
- Placement and Training Cell.
- Entrepreneurship & Career Development.
- Cultural Wing.
- Anti-Ragging Cell.
- Grievance Redressal Cell.
- Anti-Sexual Harassment Cell and member for Inter-Collegiate Sports and Tournaments among autonomous institutions.
- SC and ST Welfare committee.
- Hostel monitoring committee.
- Maintenance committee
- Various club activities like Sports club, Yoga club, fine-arts club, HR club, marketing club, Finance club to improve the interpersonal relationship skills.

- Whenever necessary, Committees like:
  - Discipline Committee.
  - Campus Development Committee.
  - Monitoring Committees.
  - Canteen Committee.
  - Building Committee.
  - Natural Lovers' association

       o   Advisory Committee for specialized Teaching and Man Power Assessment Committee with department faculty are constituted to look into related issues and matters.

- In each Department, various academic and administrative works are distributed to faculties by the appointed coordinators/in-charges.

- The newsletter division of the institution publishes the news letter (SITAMS NEWS).

- Academic Planner.

- Institutional Budget & Planning.

- Students Performance Report.

- Semester wise Quality Audit Reports.

- Management Review Reports during Annual general Body Meeting (AGM).

- Faculty Appraisal Reports.

- Transport maintenance committee.

- Infrastructure maintenance committee.

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

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

6.3.1   Curriculum Development: Aerial View

A curriculum development cell comprising the Head of the department, two to three senior faculties, an alumnus and an industry expert is constituted in each department. The team with the inputs from the stake holders makes systematic decisions on the intended outcomes, contents, methods and evaluation strategies of the curriculum while ensuring that the curriculum and the syllabi meet the AICTE norms, industrial expectations and are in alignment with the JNTUA curriculum. Recent texts and reference books are also used to frame the contents of the syllabi.

With the inputs from the curriculum development team, brain storming sessions are conducted with the entire department faculty to draft a rough curriculum. The draft is developed, evaluated and tested against the curriculum of leading universities of international standards and fine-tuned.

- SITAMS follows the curriculum designed as per AICTE and JNTUA Ananthapuramu regulations.

- It will be revised every 2-3 years, and at present under Regulation 2016.
- Sreenivasa Institute of Technology & Management Studies (SITAMS) has established a Council for College & Curriculum Development and it plays a key-role in establishing and updating systematic processes in designing and regularly revising the curriculum.
- Autonomy is given to all the Departments in designing and updating the structure of the Programmes and syllabi of the courses based on the International and National levels and Social and Corporate needs.
- Feedback from outgoing students, Alumni and other stakeholders is one of the key mechanisms for curricular reform.
- The guidelines given by State Government, AICTE, UGC and JNTUA are followed for quality improvement in the curriculum.
- Sreenivasa Institute of Technology and Management Studies (SITAMS) faculty are actively involved in curriculum development as Members of Board of Studies.
- The Governing body is the final authority to approve syllabus. The approved syllabus is published in the website.

6.3.2 Teaching and Learning

The institution follows student centric teaching-learning methodologies to achieve the intended learning outcomes.

Class rooms in the campus are smart to give a hundred percent multimedia experience to the students. Explaining technical concepts with multimedia tools is a normal class room activity. A complete course plan of every course is mailed to the students well in advance which carries the course pre-requisites, course learning objectives, nature of the course, expected outcome of the course, course inputs, Text books and reference books, class room codes for each course, and internal course evaluation components etc.

- "Class well-wishers" is the name assigned to class-in-charges, so as to have cordial environment and a Smooth relationship with the students. They know all the details of each student in their class to track the progress of each student and also to provide counselling regarding academic as well as personal problems and career

guidance.

- Lecture method is supplemented by Information and Communication Technology.

- Seminars, Workshops, Industrial Visits and Field trips are organized.

- Recruited highly qualified and experienced faculty members.

- Providing synoptic notes to facilitate slow learners.

- Orientation programs and bridge courses were introduced to help the newly joined students to get familiar with all aspects of their program.

- Continuous assessments enable effective performance of the student.

- Students pursuing MBA are provided with "Business Standard" newspaper to help them improve their communication skills, especially in English and also their general knowledge so as to equip them to attend any competitive examination and to face the Interview confidently.

- The teaching-learning process is strengthened through periodical seminars, field visits, intensive laboratory courses and compulsory project work for all the UG and PG programmes.

- Sreenivasa Institute of Technology and Management Studies have the following strategies for effective teaching and learning.
  - The faculty members are instructed to submit the annual self-appraisal about their teaching, research and extension activities.
  - Personality Development Programme and English Language Labs are used to ensure the quality in teaching and learning.
  - Latest teaching aids are utilized for presentation.
  - Departments have weekly seminar hours every week.
  - Sophisticated Class Room Facility is available in the departments.
  - Faculty members get their quality of teaching updated and teaching strategies by referring related journals and articles appearing in magazines.
  - Feedback obtained from students on faculty and courses are informed to the faculty for quality improvement on teaching methodology.
  - Student centred learning strategy is monitored through tutorials, assignments and individual seminars, laboratory works and project work.
  - In the Engineering Departments, Laboratory facilities are updated and improved regularly, so that, each student performs experiments

individually.

- o Practicing of management games in the department (weekly) by the students of Department of Management Studies.
- o In addition to the above practices, other activities such as
  - ✓ Additional expert lectures
  - ✓ Interaction with practising managers
  - ✓ Seminars and workshops on pedagogy
  - ✓ Research seminars

- Faculty members of each department meet at the beginning of each academic session for term-wise allocation of syllabus assignments, contents, fix dates for the term-end tests and prepare the academic calendar / teaching module of that session.
- Field study, Symposium, Project work and dissertation work carried out by the students in all departments.
- The teaching-learning modalities of the institution are rendered to be relevant of the diversity of the learners.
- Digital courseware like project reports, various journals and articles, etc.
- Open access on eBooks from various sources.
- Open access of electronic theses.
- Mapping student outcomes and instructional objectives and programme educational objectives.
- Uploading lesson plan and online course materials.
- Active learning laboratories and business labs for skill development.
- Use of Internet, PPT presentation during class room teaching.
- Industry and institution academia for effective learning process.

Class committee meetings are conducted to record the academic grievances of the students and corrective actions are taken immediately. Quality circle meetings are conducted periodically and student's grievances on the infrastructural resources and placement facilities are recorded, fish bone analysis (Cause and Effect Analysis) is made and corrective measures are taken before the conduct of the next meet. Online feedback mechanism enables obtaining student feedbacks on the faculty for each course which is carried out twice in a semester-mid semester and end semester.

Students are encouraged to participate in extracurricular and co-curricular activities both inside and outside the campus. Faculty is encouraged to undertake industrial training, attend faculty development programs, seminars and workshops and are supported and sponsored by the management. Slow learners in each class are identified, coaching class time table for each class is drafted and coaching classes are conducted to achieve zero arrear in end semester examinations. Faculty and students are encouraged to take on-line courses in e-learning modules like NPTEL, course era etc. Online certification courses for all the faculty members and students are motivated to complete the certification courses from NPTEL and Spoken tutorial.

Some departments have Class rooms split into keizen groups which are indulged in group activities as a part of skill development sessions. One-credit course are conducted for the benefit of students in accordance with the curriculum recommendation. Every class ends with a snap talk session by a student where every student in a class is given a chance to give a talk on random topics to the class room audience to enhance their presentation and public speaking skills. Technical write up is included as one of the internal evaluation components of every subject where the student's technical as well as English writing skills are tested. Webinars have been organized frequently with international resources providing an interactive platform to the students to upgrade their technical knowledge.

6.3.3 Examination and Evaluation

- Continuous assessment enables effective performance of the student. During a semester two Internal Assessment Exams are conducted as per the criteria.
- The students are provided with feed-back, individual counselling and guidance over the mistakes committed by them in the Assessment tests, when the test papers are distributed to them.
- Every day from 4.00 pm to 5.00 pm remedial coaching classes are conducted. The students are allowed to choose and attend the class for the subject they find difficult to understand.
- The summary of Internal Assessments, University Marks, and periodical attendance percentage are sent to the parents to make them aware of the performance of their wards.
- Class Committee meetings are being conducted by respective department heads along

with the student members from each year and each class. The feed-back given by the students on each subject and the faculty is conveyed to the Principal for further corrective measures to be taken.

- Result Analysis is made based on the University Results of each semester and meeting is conducted by the Academic and Administrative Audit Committee with all the staff regarding the result and the measures to be taken to improve it.

- Remedial classes are conducted after the results of the Internal Assessment test were declared, especially for the slow learners.

Evaluation process is designed and approved by Board of Studies and Other Expert committee members.

- Question papers have set by outside experts.
- Single and external evaluation process.
- Passing Board to approve the results of the examinations.
- Revaluation on demand.

CONTINUOUS ASSESSMENT TESTS AND EVALUATION

Every department has an internal test co-ordinator with 2-3 faculties under him who carry out smooth conduct of continuous assessment tests, ensuring discipline during test conduction. Three continuous assessment tests are conducted per semester for which, a set of three question papers for every subject is set by external question paper setters. The externally set question papers are scrutinized by the internal test coordinator and his team who maintains confidentiality. Fair evaluation of answer scripts within three working days is followed by uploading of the internal marks in the website which is given appropriate access to the students, parents and other stake holders.

Other components of internal evaluation like technical write up, technical presentation, assignment submissions and quiz are also conducted systematically as per the schedule in the course plan. Technical quiz sessions are conducted online through Google forms and on-line assignment submission is facilitated through Google classrooms.

END SEMESTER EXAMINATION AND EVALUATION

All the end semester examinations are conducted under the supervision of the Controller of Examination of the institution and centralized paper evaluation is carried

on. Hall tickets to the candidates are issued upon their registration. A set of three externally set question papers are scrutinized by a team of senior faculty and respective department HODs, headed by the Controller of Examination. Central evaluation of answer scripts is carried out. Results are published in the website before 30 days of the last end semester examination after the results are approved by the result passing board. The students are asked to apply for transparency before applying for revaluation within a week of publication of results. Transparency is conducted before students and the respective subject faculty. Supplementary/arrear examinations are conducted for students with arrears and arrear results are published in the institution's information management system. Projects, both U.G. and P.G. are evaluated by an eminent industry personnel and an academician from other leading institutions.

6.3.4   Research and Development

Sreenivasa Institute of Technology and Management Studies (SITAMS) take extreme care for enhancing quality of research and teaching. The following strategies are implemented for this purpose.

- New project proposals are screened by a coordinator appointed by the Head of the Institution.
- Workshops are periodically conducted to develop the research report writing skill and update the research methodologies.
- Doctoral Committee suggests course works for the research scholars and assess their progress of research periodically.
- Students are encouraged to apply for summer schools/projects offered by other institutions.
- Research Scholars are periodically sent to attend training programmes in research methods (thesis writing, modelling).
- Computer and printer are provided to each department.
- Research Advisory Council advises on focussed research in Engineering, Technology, Science and Management.
- Ph.D programs in all disciplines.
- Funded projects by industries / government departments or non-government departments / industries.
- Award/ filing of patents.

- Publication in peer reviewed journals and reviewed journals
- Incentives for faculty publishing papers / getting funded projects.
- Sponsorship to present papers in / attend international /national conferences.
- Student records/ attendance/ internal marks/ fee payments/ fully computerised.
- Entire correspondence through e-mails and college-wise and or department-wise; moving towards paperless office.
- Purchase / salary / leave records of faculty/ applying leave etc. fully computerised.
- Wi-Fi enabled campus.
- In-house facility to fabricate lab equipments.
- Establishment of incubation centre

The department faculties are grouped on their areas of specialization and are encouraged to submit project proposals pertaining to their area, to funding agencies, under the supervision of a research co- ordinator in every department. Every department has an exclusive research laboratory with required software tools which encourages research activities of both students and faculty. Students are encouraged to be a part of faculty's research work. It is made mandatory for both U.G. and P.G. students to publish papers in international and national journals in their final semester.

Faculty without Ph.D is encouraged to register for one. The management gives moral support and on-duty leaves for the faculty who present papers in national and international conferences.

The institution provides on-duty leave for faculty pursuing research for research related works. Faculty's research work and publication details are counted for faculty appraisal. Journal publications of faculty in international journals are encouraged by the institution. Additional weightages are given to research publication in journals. As a part of many research initiatives, every department conducts national and international conferences periodically, which is a knowledge sharing platform between the invited experts from industry, academia and faculty and students. Apart from this, invited guest lectures and seminars in the emerging areas of technology where there is scope for research is conducted periodically. Every faculty is provided facility for unlimited

access for internet to make their working environment resourceful, inspiring their research activities.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library is open for the students and the staff from 9.00 a.m. to 6.00 p.m.
- Well maintain Digital Library with internet facility is available.
- The basic concepts of all the subjects, wherever possible, are explained by using NPTEL programs.
- It is upgraded with an additional Reference and Text Books.
- Barcode technology is used for fast transaction of books. Students' ID cards are provided with their bar code.
- ICT enabled techniques are extensively employed by the teachers in all the departments.
- Well equipped smart class rooms are effectively used.
- The college has a Central Library. In addition to all the Departments / Centres have their own Libraries. The books are issued to the students and the faculty. Journals can be accessed by the students and the faculty within the campus.
- Central Library has separate thesis / dissertation section for both under graduation and post graduation
- SITAMS Digital Knowledge Repository provides comprehensive access to scholarly digital content (Journals, e-books, articles, Electronic Theses and Dissertations (ETDs), Video & Audio resources) to the students, faculty and staff.
- DELNET facility is available to access different libraries across India.
- The college Computer centre maintains the Networking, Internet, Website, etc.
- There is a central workshop with a machine shop. The workshop's personnel provide good support for maintenance and service of various equipments.
- The Institution owns a Primary Health Centre with a full time doctor and fulltime nurse, First-aid kit and Ambulance facility.
- State of the art of computing facilities.
- Up gradation of Library system on annual basis by augmentation of e-learning resources.
- Through RO Water Purifying System, water is supplied to the entire campus and it carry to village to serve in a better manner.

The central library with state of the art infrastructure has unique resource collections which are international in scope. The entire library activities are completely computerized with library which is maintained and updated regularly and is connected to campus wide network which enable users to search and avail resources online. Central Library also encompasses reading room and audio visual rooms. Digital library is equipped with multimedia systems in the library.

The library maintains large number of CDs on all topics with free access to faculty and students. Subscription of rich variety of electronic data base such as IEEE, ACM, NPTEL, other online journals facilitates easy accessibility to the latest development in engineering. The bibliographical information of the library is made available through Online Public Access catalogue.

Students and faculty are provided with Wi-Fi facility which enables access of journals and teaching learning materials from internet and intranet modules from their work place. All the computing laboratories are highly equipped with 60 Mbps leased line connectivity for internet browsing, and other simulating, designing and modeling software tools.

6.3.6 Human Resource Management

- Adequate numbers of sincere and dedicated faculties to handle all the courses are available.

- Faculties are provided with winter and summer vacations.

- Annual performance appraisal meetings are held.

- On-duties are given for faculties for presenting papers in national and international conferences and for attending seminars, workshops, faculty development programs and industrial trainings.

- Friendly relationship between students and faculties is nurtured.

- Workshops and faculty development programs are conducted to enrich the faculty.

- Faculties themselves are encouraged to organize guest lectures, seminars and workshops.

- Faculties are provided with Wi-Fi for un-limited internet access.

- Faculties are given training to have an edge over active smart boards.

Recreation programs like yoga, trekking, musical concerts etc. are held to destress the faculty

- The QIP (Quality Improvement Programme) is available for the teaching and non-teaching staff.
- Faculties are encouraged to use smart class material to supplement their teaching.
- Additional staff members are appointed as and when vacancy arises to maintain the recommended staff- student ratio.
- Faculties who have joined without Ph.D. degree are encouraged to complete Ph.D. at the earliest.
- Assistant Professors are encouraged to attend Orientation Programmes and refresher Courses organized by the various Academic institutions of the various Universities.
- Performance Appraisal System (PAS) is followed for various stages of promotion.
- Coordinators are appointed for Admission, Examination, Library, Computer Lab and Counselling.
- Self-Appraisal Report of faculties is annually submitted to the Head of the institution and board of governing council meeting.
- Faculties' needs and requirements are obtained in the Department Meeting.
- Well laid policy for recruitment / upward mobility.

- Dedicated directorate for faculty Development.

- Organization of in-house faculty development programs.

6.3.7 Faculty and Staff recruitment
- Teaching and Non-teaching Staffs are recruited as and when the need arises.
- Interview is conducted by a panel of experts in their respective branch of study.
- Recruitment of faculty is done by following the guidelines of UGC and state government.
- Recruitment is done through merit based by the Selection Committee and approved by Head of the Institution. Non-teaching staff recruitment is made through a

Selection Committee and approved by same.

1. Advertisements in national news papers
2. Through referrals by academic and industry experts

The process of recruitment includes

- Search for prospective candidates.
- Short listing of prospective candidates.
- Preliminary Selection – Staff Selection Committee
- Advertisements are placed in the leading Telugu and English dailies listing the vacancy positions.
- The details of the openings including eligibility criteria, scale of pay and other conditions are displayed in the advertisement.
- The available strength of human resource is analysed every semester and ensured that the available faculty -student ratio suffices effective teaching-learning and also the UGC norms. Sufficient number of faculty with specialisation in the emerging fields of engineering is also ensured and any deficit in these is overcome by recruiting quality candidates after several stages of scrutiny.
- The required educational qualification of the candidates as instructed by the UGC, experience, required field of specialisation and number of vacancies available are highlighted in the wanted advertisements published in leading newspapers and in the institution's website.
- Eligible candidates are asked to apply on- line in the institution's web portal.
- The list of applied candidates are scrutinised through several technical and non-technical write- up tests and presentations and are subjected to personal interviews by a selection panel made of subject experts, management head and administrative personals.
- Only potential and skill full candidates who get through all the scrutiny levels are appointed.
- Research experience is one of the important criteria, the institution look in to a candidate for recruitment.

Application Procedures:

- The application should be submitted along with all the necessary enclosures to the

Administrative Office, on or before, the scheduled date.

- Retired personnel from teaching/industry and R&D are encouraged to apply for the posts.

- The application should include all the relevant authenticated data regarding age, academic qualification with class/ Grades, experience, post held, publication list, statement of teaching interests, phone no, e-mail id and the name of three references (with contact information) together with attested copies of certificates and marks cards (of all the years/semesters) etc., in duplicate (in two sets). Separate application is to be submitted in the event of candidates applying for more than one category of post.

- Candidates, who had applied for the same posts before, have to apply afresh again.

- The age limit is as per the AICTE/UGC norms and subsequent orders in force.

Short listing of prospective candidates:

- Received applications are organized by extracting relevant information, summarized and sent to the respective HODs by the Administrative office for short listing.

Staff Selection Committee:

The Selection Committee is constituted in the following manner, with respective departments as listed below:

a. Head of the Institution / Principal   -   Chairman of the Selection Committee

b. Representative of the Management -   Member of the Selection Committee

c. Head of the Department   -   Member of the Selection Committee

d. Subject Expert   -   Member of the Selection Committee

The Committee will evaluate the suitability of prospective candidates for a particular position. Based on their observations, the committee will recommend the list of selected candidates. The successful candidates are issued offer letters with time frame to accept the offer. After receiving acceptance letters from the candidates, appointment orders are issued to them. The principal of the college has a veto in the selection.

University Ratification:

A committee with the following members is constituted under the chairmanship of the

Vice Chancellor of the affiliating university to oversee the ratification procedure. The members of committee include;

       a. Subject Expert (2 to 3).

       b. Principal of the affiliated college.

       c. Secretary or Nominee of the Correspondent.

       d. Registrar of the affiliating university.

       e. Director of Academic and Planning of the affiliating university.

- The procedure is carried out on a regular basis, as per the requirement.
- Qualification / Experience / Pay Scale for Faculty & Staff: The Minimum Qualification and Experience prescribed for Faculty of Engineering / MBA / MCA is as per AICTE / UGC norms.

6.3.8 Industry Interaction / Collaboration

The institution aims at producing industry ready engineers and hence gives ample importance to institute- industry collaboration. Students are encouraged to undergo internship trainings in industries. Students of all years are encouraged to undergo in-plant training in industries and submit reports and make presentations on the training undertaken. Also, visiting industries, at least once in a semester, to have an experience of industrial ambience is made mandatory for all the students. Faculties are also encouraged to train themselves in industries. Systematic talks and brain storming sessions by invited industry experts is a part of co-curricular activity. National and international conferences organized by the institution will mandatorily have Industry experts as resource personals. Industries are also sought to provide Sponsorship for such events. Feedbacks from industrial experts are always included in curriculum development exercise.

Also, the Governing body which approves the final curriculum has an industrial expert as one of its members. The institution's vision, mission, POs and PEOs revision will also consider feedbacks from industries. Electives in the emerging industrial technologies are included in the curriculum after brainstorming sessions with industry experts.

Industrial Training

Theme: Trends in Medical Electronics

40 students from ECE department participated in the training organized by Prime Bio-Medical Systems-Tirupur, Tamil nadu.

6.3.9 Admission of Students

- Admissions to all programmes (B.Tech, M.Tech, MBA and MCA) are done as per the rules and regulations of A.P State Council of Higher Education (APSCHE), Government of Andhra Pradesh.

6.4 Welfare schemes to

Teaching / Non-teaching:

- Subsidised transportation facility transport facility to all Teaching and Non-Teaching staff.
- Medical facilities are available for all faculties at Free of cost.
- Yoga training is given to all to make them health conscious as well as stress free.
- Seminars are conducted for them to update them in ICT and teaching methodology.
- Wi-Fi Access to all the staffs.
- Employee Provident-Fund and gratuity for all the Non-teaching staffs.
- Orientation programs are conducted for freshly joined faculties.
- Faculty de-stress programs like yoga, trekking and musical concerts are organized.
- Systematic health care awareness programs are conducted for faculties.
- Maternity leave is given to faculties.
- Motivated to pursue higher education

Students:

- Community based Government scholarships are also made available.
- Counselling Cell with counsellors available to tackle with issues in academic, personal and career fields.
- All the students have been brought under group accident insurance for an assured sum of Rs.2, 00,000 each.
- Special coaching is provided to the students who are interested in taking up the competitive exams like GATE/CAT/NET/MAT, etc.
- Individual counselling is given to all the students regarding their academic as well as personal problems by their proctors and the principal.
- Meritorious students are rewarded on the Annual day celebration.
- Medical and Ambulance facilities are made available when ever required.
- Placement training sessions are conducted.

- Health care awareness and de-stress programs are conducted.
- Wi-Fi Access to all the students.

6.5 Total corpus fund generated   - NIL

6.6Whether annual financial audit has been done   Yes /No   - YES

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	SITAMS
Administrative	No		Yes	SITAMS

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

For UG Programmes   Yes/No   - NO

For PG Programmes Yes /No   - NO

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

- Autonomous college has an extreme concern in ensuring the quality on examination related activities and confidentiality on the various aspects of examination.
- Exclusive coordinator for examinations.
- Dates of internal tests and semester examinations are prefixed at the beginning of each semester and conducted by the respective departments.
- Supplementary examination is conducted for students having only one arrear course in the last semester.
- Results of end semester examinations are published with in a months' time.
- On-line objective tests are conducted as an internal marks evaluation component.
- Two internal tests and a model test are conducted before end semester examinations.
- Grade point system uses letter grades and points.
- Internal marks evaluation components are modelled by capstones model.

- Question papers for external assessment tests are also set by external question paper setters.

- U.G. and P.G. projects are evaluated by academicians.

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

N/A

6.11 Activities and support from the Alumni Association

- Feedback on the curriculum is obtained from the alumni as the first step in curriculum development process. Alumni are a part of curriculum development cell of every department.
- The Annual Alumni meeting was conducted on 07.05.16.
- Alumni are made to interact with the students and enlighten them to equip themselves for their dream career and ways to pursue it.
- Alumni advised and offered tips to juniors, how to excel in the competitive exams and career guidance.
- Mock Interviews were conducted for the third and final year students by Alumni who are HR Managers and Technical experts in various companies.
- Guest lectures by Alumni in their chosen field of specialization.
- Facilitating the present students in their internship and research projects.
- Alumni meet conducted annually.
- Assistance is given providing internships & placements
- Workshops and mentoring are given for the present students by the Alumni.
- A meritorious alumnus is a member of the institution's academic council.

- Invited talks and brain storming sessions are conducted by the alumni for faculty and student benefits as a part of systematic curricular activities.
- Alumni of the institution play an important part in the placement activities by providing information on job opportunities and openings across the world.

- Alumni give job skill training to pre-final students regularly.

- Alumni also help students in arranging industrial visits and internships.

- Alumni are involved in conducting mock interviews for students before

placement drives.

- Frequent alumni meet are conducted wherein the alumni are informed about the infrastructural and curricular development of the institution over years.

- The institution nurtures healthy relationship with its alumni by inducting all the final years in to local chapters in various cities, Coimbatore local chapter being the most active as of now. Annual Alumni meet has been planned to be conducted on every last Sunday of the academic year and this year, the meet was conducted on 25th December.

6.12 Activities and support from the Parent – Teacher Association

- Regular meetings are being conducted with Parents to provide them feedback about the progress of their wards and remedial actions.

- Feedback are being collected from the parents about transport, hostel, medical, rest room and canteen facilities and the same has been pass over to necessary actions.

- The information management system of the institution provides access to the attendance and internal marks of the students to their parents.

- After every continuous assessment test, the report cards of the students are send to the parents through postal services. Parents of the students who perform poorly in academics are requested to meet the tutor and student counselling is done along with the parents.

- Class advisors and mentors or counsellors are in constant touch with the parents through phone.

- Systematic academic review meetings are conducted with parents after every continuous assessment tests to discuss the academic performance and discipline of the students and tends to provide timely encouragement and motivation to the students.

- Feedbacks from parents are also included to revise the mission, vision, POs, PEOs and curriculum of every department.

6.13 Development programmes for support staff

- The QIP (Quality Improvement Programme) is available for the teaching and non-teaching staff.

- Additional staffs a r e appointed as and when vacancy arises.

- Yoga training is given to all to make them health conscious as well as stress free.

- Non-teaching faculty are motivated to do higher studies.
- Yoga and other de-stressing activities are conducted for support staff also.
- Seminars, workshops and guest lectures are conducted for non-teaching faculty to enhance their skills and enrich their knowledge.
- Industry personals conduct live demos of their products supplied to laboratories to non-teaching faculty.

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

- SITAMS is located in a pollution free sub-urban area.
- The Digital Library and the central Library is maintained with "Dust-Free Zone".
- Tree Plantation was carried out periodically by the "SITAMS Nature Lovers Association and SITAMS college NSS unit".
- Smoke free campus.
- A large number of trees planted to supplement green canopy of the campus.
- Motorised two wheelers banned for students inside the campus to reduce carbon footprint.
- Space in the campus earmarked for parks and green belts.
- Rainwater harvesting is implemented for all buildings.
- Nature club, renewable energy club and energy auditing club, initiated activities strive to keep the campus green.
- NSS, YRC and RRC conducts tree plantation programs periodically.
- Communications to students, parents and other stake holders are through e-mails which has significantly curbed the usage of paper in the campus.
- Every building inside the campus have the provisions to harvest rain water.
- Vehicles are not allowed inside the campus beyond the parking area.
- Solar water heaters provide hot water in hostel campuses. Solar lightings are used in pathways inside the campus.
- Composting yard in the campus provides organic compost for the greenery inside the campus.
- The campus has a green cover of trees and plants planted and maintained regularly.
- Awareness programs on keeping the campus green and clean has been conducted for faculty and students and the advantages of avoiding plastics inside the campus are stressed upon.
- Students are motivated to save power and water and to keep the campus clean

during tutor-ward meets.

Plan of Action by IQAC and 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 every year,

Plan of Action	Achievements
Emphasis of short-term additional certificate courses	NPTEL, Coursera, edX courses are to be taken up by the students in a massive manner
Imparting knowledge about the benefits of value added courses	Students are encouraged to pursue value added courses like Objected oriented programming, Java certification and Python etc.
Research work	Research team helped the faculty members to identify various research related activities in regard with patents, journals, etc.
Organization of various clubs	Each department has organized several clubs that impart interpersonal and communication skills of the students.

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.

> ➢ Productivity based education.
> ➢ Well maintained green campus with more than 1,250 trees of different varieties which give pure oxygen for the students with pollution free inside the college campus.
> ➢ Environmental protective practices have been introduced.

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

- WIFI and Internet facility to all departments was planned and implemented to enhance teaching – learning process.
- Software Development was proposed to extend.
- Initiatives were taken to recruit more number of PhD holders from engineering streams.
- In line with recommendation of NAAC peer team report academic reforms and educational outcomes were completed for first and second year (R16 –regulations).
- Purchase action has been initiated to procure more LCD projectors to augment ICT Infrastructure and High-end servers.
- IQAC cell has been strengthened to reinforce quality measures and develop academic activities as the state-of- the- art.
- Newly Established departments (Civil and Mechanical) have been furnished with new lab facilities like Machine Tool Technology, Metrology lab, CAD/CAM lab, Concrete Technology and Transportation Engineering Lab, Environmental Engineering lab.

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

- ➢ ICT facility and innovative teaching methods has been adopted.
- ➢ Introduced Walden English Audio and Video based software to have exposure for students in acquiring English Communicative skills through Students Centered Learning Method.

7.5 Whether environmental audit was conducted?   Yes ☐   No ☑

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

STRENGTHS:

- 48.8 Acre with pollution free college campus.
- Well equipped Labs with state-of-the-art infrastructure.
- Well qualified and dedicated faculty.
- Ranked as "A" Grade institution by Andhra Pradesh State Council for Higher Education.
- Igniting students to do research from the very initial level (i.e.) right from the first year U.G. onwards.

WEAKNESS:

- Improvement required in Industry-Institute Interaction.
- Limited Research and Development facilities.
- Student were Placed in Tier-2 and Tier-3 MNC companies.

OPPORTUNITIES:

- Utilizing the knowledge and experiences of Alumni who are leading their career successful in various companies in and around AP and in abroad.
- Good recognition in Industry circle evidenced by placement of students in building stronger links with Industry for consultancy.
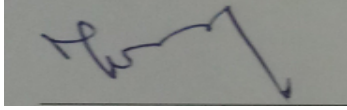
THREATS:

- Being a Private Institution, it is difficult to get major Research Projects from the state and central government to enhance the quality of Research and Development.
- Facing difficulty in placing our talented students in reputed companies.

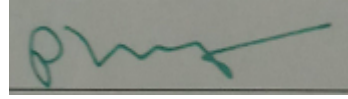8. **Plans of institution for next year**

FUTURE PLANS:
- Planned to increase the E-learning and ICT facilities in the college.
- Establishment of new computer lab with latest configuration.
- To initiate outcome based Training and Placement especially by introducing Reasoning and Aptitude, English Communication Skills and Personality Development skills for students placements.

Name:Mr.T.Vivekanandan

Name: Dr.P.Ramesh Kumar

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Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC