



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES, CHITTOOR
Name of the head of the Institution		Dr. P. Ramesh Kumar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08572246299
Mobile no.		9440366346
Registered Email		principal@sitams.org
Alternate Email		iqac@sitams.org
Address		Dr. D.K. Audikesavulu Marg (Bangalore-Tirupati Bye-pass Road), Murukambattu Post, Chittoor, Andhra Pradesh
City/Town		Chittoor
State/UT		Andhra Pradesh

Pincode	517127																		
2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	17-Jan-2013																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr. D. Jagadeesan																		
Phone no/Alternate Phone no.	08572246298																		
Mobile no.	9994249309																		
Registered Email	iqac@sitams.org																		
Alternate Email	drdj@sitams.org																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.sitams.org/assets/pages/iqac/AQAR_2017_2018.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.sitams.org/assets/pages/examcell/acalendars.html																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.35</td> <td>2015</td> <td>03-Mar-2015</td> <td>02-Mar-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.35	2015	03-Mar-2015	02-Mar-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.35	2015	03-Mar-2015	02-Mar-2020														
6. Date of Establishment of IQAC	31-Jan-2014																		
7. Internal Quality Assurance System																			

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Establishment of Professional Society of ASME	03-Aug-2018 1	46
First year students to get the feedback regarding academic performance and other facilities provided to the students	02-Aug-2018 1	428
Establishment of Professional Society of CSI	25-Jul-2018 1	252
Establishment of Professional Society of IETE	18-Jul-2018 1	328
Establishment of Professional Society of ISTE	13-Jul-2018 1	540
Participation in NIRF ranking	10-Jul-2018 1	17
Replacement of conventional lighting sources with LED	09-Jul-2018 14	1325
Automation of Examination	03-Jul-2018 1	26
Implementation of MIS in planning, monitoring and administration	03-Jul-2018 1	77
Finalize of CBCS curriculum implement from 2018-19	03-Jul-2018 1	120

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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)
Orientation programme organised for new faculty members.
Faculty members have been motivated and facilitated to attend faculty development training programs and workshops in NITs/ IITs/IISC and other reputed institutions
Motivational activities have been initiated for students' startups.
Periodic monitoring of feedback from stakeholders for continuous improvement.
Regular Internal review and audit.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Establishment of Solar Street Light	Established Solar Street Light in College Premises.
Establishment of Computer Labs to map with current Technolgies	Established Advanced programming Lab
Every department should sign MoU with minimum 2 companies per year.	All the departments have signed MoU with minimum 2 companies in the academic year 2018-19
All the faculty members should be encouraged to participate / present articles in international conferences / workshops / FDPs organized by other leading institutions.	Totally 150 Conferences and workshops in International and national level have been attended by the faculty members in the academic year 2018-19
Faculty should be file atleast 5 patents/publications	Totally 10 patents are filled and 42 papers have been published in National/International journals.

Motivated to apply funded scheme from AICTE/DST for organizing FDP/STTP/RPS	Applied 11 programmes in AICTE and 21 projects in DST. We got one FDP and UBA
The average CGPA scored by the passed out students should be more than 7.5.	The average CGPA of the 201718 passed out students is 7.98
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Council	08-Sep-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
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Date of Submission	09-Jan-2019
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	To improve the productivity of our institution towards paperless administration, SITAMS Automation software serves as a perfect solution. At present, the modules in practice are as follows: Student Management Faculty Management, Online Feedback, Course Material Upload and Download, Online Attendance Management, Central Library Management, Examination Cell Administration, Automatic SMS for absentee, circular notifications, Performance reports, Mentoring, Online web portal for staff and students, Online leave apply and approval, The SITAMS Automation system helps the management, Principal, HODs and faculty to view the academic details of the student. Also, parent/guardian can get assistance about their ward through mobile via SMS or web portal.
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Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	01	Civil Engineering	02/05/2018
BTech	02	Electrical and Electronics Engineering	02/05/2018
BTech	03	Mechanical Engineering	02/05/2018
BTech	04	Electronics and Communication Engineering	02/05/2018
BTech	05	Computer Science and Engineering	02/05/2018
MCA	1F	Master of Computer Applications	02/05/2018
MBA	1E	Master of Business Administration	02/05/2018
Mtech	25	Software Engineering	02/05/2018
Mtech	43	Power Electronics	02/05/2018
Mtech	49	Electrical Power Engineering	02/05/2018

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering	02/07/2018	18SAH111 Communicative English	28/05/2018
BTech	Civil Engineering	02/07/2018	18SAH114 Engineering Mathematics - I	28/05/2018
BTech	Civil Engineering	02/07/2018	18SAH112 Engineering Physics	28/05/2018
BTech	Civil Engineering	02/07/2018	18CSE111 Problem Solving using Python Programming	28/05/2018
BTech	Civil Engineering	02/07/2018	18MEC111 Engineering Graphics	28/05/2018
BTech	Civil Engineering	02/07/2018	18SAH121 Technical English	28/05/2018

BTech	Civil Engineering	02/07/2018	18SAH122 Engineering Mathematics - II	28/05/2018
BTech	Civil Engineering	02/07/2018	18SAH113 Engineering Chemistry	28/05/2018
BTech	Civil Engineering	02/07/2018	18CIV121 Engineering Mechanics	28/05/2018
BTech	Civil Engineering	02/07/2018	18EEE113 Basic Electrical and Electronics Engineering	28/05/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	02/07/2018
BTech	Electrical and Electronics Engineering	02/07/2018
BTech	Mechanical Engineering	02/07/2018
BTech	Electronics and Communication Engineering	02/07/2018
BTech	Computer Science and Engineering	02/07/2018
MCA	Master of Computer Application	02/07/2018
MBA	Master of Business Administration	02/07/2018
Mtech	Computer Science and Engineering	02/07/2018
Mtech	Software Engineering	02/07/2018
Mtech	VLSI	02/07/2018
Mtech	Communication Systems	02/07/2018
Mtech	Electrical Power Engineering	02/07/2018
Mtech	Power Electronics	02/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
18CEVAC01 Geo informatics Applications for Civil Engineers	02/07/2018	28
18CEVAC03 Recent advances in structural engineering	02/07/2018	38
18CEVAC05 Bio Medical Waste Management	02/07/2018	38
18EEVAC01 SINGLE AND THREE PHASE WIRING	02/07/2018	60
18EEVAC03 ROBOTICS APPLICATION OF POWER SYSTEM	02/07/2018	54
18EEVAC05 INDUSTRIAL AUTOMATION ROBOTICS	02/07/2018	31
18MEVAC01 Industry 4.0	02/07/2018	46
18MEVAC03 3D Printing Concepts	02/07/2018	47
18MEVAC05 CNC Advanced Programming	02/07/2018	22
18ECVAC01 Digital Electronic Design	02/07/2018	153
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil Engineering	59
BTech	Electrical and Electronics Engineering	54
BTech	Mechanical Engineering	86
BTech	Electronics and Communication Engineering	162
BTech	Computer Science and Engineering	110
MCA	Master of Computer Application	41
MBA	Master of Business Administration	174
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes

Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

SITAMS understands that teaching-learning system followed by an educational institution needs continuous refinement. To capacitate this process of continuous refinement, the institution has adopted a feedback system that takes suggestions from stakeholders of each programme. This eventually helps to fine-tune the teaching-learning process and the curriculum. The Institute follows the mechanism detailed below for collection of feedback from Students, Faculty, Alumni, Employer and Parents on curriculum. Feedback Collection Process • Feedback forms with complete curriculum oriented questioners are designed in online systems • Links are shared with stakeholders for collection of feedback and specific timeline has been allotted for the process. • Response for each question Feedback Analysis Process • The analysis report has been generated by stakeholder wise and reviewed in IQAC meeting. • For each questions target has been set before the collection of feedback. In the analysis report questions with response below the set target has been highlighted. • In the IQAC meeting actions are proposed and assigned to persons/ committees/department/units. If the response is much below the target level special committee has been formed to take corrective actions. Execution of action proposed • The assigned persons/ committees/department/units/special committees plans the road map and executes the action proposed by IQAC. • The major curriculum gaps identified are communicated to BOS • Value added courses are designed and offered. • Other initiatives to enrich curriculum has been taken. • Each Action taken are documented. • At the end of the academic year analysis report and action taken report are made available in website.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	60	24	24
BTech	Electrical and Electronics Engineering	120	64	64
BTech	Mechanical Engineering	90	89	89
BTech	Electronics and Communication Engineering	180	173	173
BTech	Computer Science and Engineering	120	117	117
MBA	Master of Business Administration	240	101	101
MCA	Master of Computer	60	31	31

	Application			
Mtech	Software Engineering	9	0	0
Mtech	Power Electronics	9	1	1
Mtech	Electrical Power Engineering	9	0	0
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1668	443	109	30	15

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
154	154	9	62	7	7
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Institution has developed a mentor system for students' mentoring and counselling through Teacher Mentor, Class Teacher, HOD, Placement Team, III Cell team. Faculty and students of all semesters are divided into mentor-mentee groups. One faculty will be assigned for 10 to 15 students. They would look into assigned students' academic progress, discuss with tutor and faculty about their behaviour in classroom/ labs and should observe any unusual behavioural patterns and incidents. Students are always free to approach the teachers for any kind of guidance - personal, professional and so on. Students come with a burden and odd endeavours are made to see that they get relieved of the burden. Mentoring of the students is given top priority. Each faculty member takes keen interest to mentor students under their charge. Apart from regular presence, mentors will present in the respective counselling hours and they counsel the mentees on diverse issues ranging from some personal, psychological to social and academic. Class Teacher /HOD /Mentor guide the students for proper selection of courses under Choice Based Credit System (CBCS). CBCS is well designed giving flexibility for slow learners and fast learners. The counselling form shall be maintained for each mentees where various details like Personal Information, Previous meeting details, Academic Performance, Competitive Examination Details etc. are recorded. The mentors meet the students periodically and monitor their performance and their activities. Guidance regarding the lagging issues are provided. If need be, occasionally a meeting with the parents will be conducted. Every class shall have a class committee consisting of faculties of the corresponding class, student representatives and a chairperson. The class committee for a class is normally constituted by the Head of the Department within a week of each semester starting. At least 5 student representatives are included in the class committee. The class chairman conducts the class committee meeting and is required to prepare the minutes of every meeting, then submit the same to the Department Assessment Quality Improvement Committee within two days of the meeting and arrange to circulate it among the students and teachers concerned. The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to

inform the students about the nature and weightage of assessments within the framework of the Regulations.

Two meetings are to be held in a semester at suitable intervals with the following objectives: • To provide a forum for students to voice their academic grievances. • During class committee meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process. • Solving problems experienced by students in the class room and in the laboratories. • Informing the student representatives, the academic schedule including the dates of Assessments and the syllabus coverage for each assessment. • Industry Institution Interaction Cell gives guidance about internship and project work.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2111	154	13.71

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
166	154	12	31	51

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.S.Vijayakumar	Associate Professor	Award for organizing conferences - ICSIE - Conference 2019
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	01,02,03,04,05	II, IV B.Tech I Sem Regular Exams	13/11/2018	19/03/2019
MBA	E	I MBA I Sem	11/11/2018	19/03/2019
MCA	F	II MCA I Sem	19/11/2018	19/03/2019
MBA	E	II MBA I Sem	26/11/2018	19/03/2019
MCA	F	I MCA I Sem	16/11/2018	19/03/2019
MCA	F	III MCA I Sem	20/11/2018	19/03/2019
BTech	01,02,03,04,05	IV B.Tech - Regular Supply II Sem	06/05/2019	24/07/2019
MBA	E	II MBA - Regular Supply II Sem	06/05/2019	24/07/2019

BTech	01,02,03,04,05	B.Tech - Regular Supply Both I Sem II Sem	06/05/2019	24/07/2019
MBA	E	MBA-Regular Supply Both I Sem II Sem	06/05/2019	24/07/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
501	4340	11.54

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.sitams.org/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
E	MBA	MBA	174	168	96.55
05	BTech	CSE	110	98	89.09
04	BTech	ECE	162	138	85.18
03	BTech	MECH	86	73	84.88
02	BTech	EEE	54	42	77.77
01	BTech	CIVIL	59	58	98.3
F	MCA	MCA	41	36	87.8
58	Mtech	CSE	1	1	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.sitams.org/assets/pages/academics/stusatsurvey.html

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money

Dr.V. Murali Krishna

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	14	AICTE	550000	550000
Any Other (Specify)	1	MHRD	50000	50000
Any Other (Specify)	1	ICSSR	20000	20000
Any Other (Specify)	1	NSDL	39200	39200
Any Other (Specify)	1	NSDL	33000	33000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

3

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
A one day national workshop on Ensuing the needs and opportunities of Nanotechnology in Engineering	Humanities and Science	22/12/2018
Skill Development Program on Python	Computer Science and Engineering	24/12/2018
One Day Workshop On LaTeX for Professional Writing	Computer Science and Engineering	24/01/2019
Robotics with IoT	Computer Science and Engineering	01/03/2019
Land survey using Total station	Civil Engineering	06/03/2019

Development of self compacting concrete	Civil Engineering	25/01/2019
Innovation and Entrepreneurship supports in India by Dr.R.Ravinder	Mechanical Engineering	20/02/2019
one week workshop on Solid Edge by APSSDC	Mechanical Engineering	05/03/2019
ROBCAD by APSSDC SIEMENS	Mechanical Engineering	25/02/2019
one week workshop on AutoCAD By APSSDC	Mechanical Engineering	25/02/2019
one week workshop on AutoCAD By APSSDC	Mechanical Engineering	06/03/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	1
Electronics and Communication Engineering	5

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	5	0.9
International	Electronics and Communication Engineering	13	1.1
International	Electrical and Electronics Engineering	11	0.77
International	Master of Business Administration	1	0.4
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science and Engineering	3
Electronics and Communication Engineering	28
Electrical and Electronics Engineering	28
Master of Business Administration	11
Master of Computer Applications	21
Mechanical Engineering	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Eliminating loop holes in classical computing using quantum computing	Filed	201941017926	06/05/2019
An Approach of wireless sensor network and delay tolerant network development	Filed	201941017300 A	01/05/2019
Design and implementation of smart farm monitoring using IOT	Filed	201941013091 A	02/04/2019
Copper Clay Bottle	Filed	201941009488	12/03/2019
IOT based crop disease identification system using Optimization technique	Published	201941008413 A	05/03/2019
Smart water quality monitoring system	Filed	201941002597 A	22/01/2019
Compactable Ear Phone Holder	Filed	201841016393	24/10/2018
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A Complete Automation Unit to Increase the	Dr.M.Saravanan	Journal of Computational and Theoretical Nanoscienc	2018	0	Sreenivasa Institute of Technology and	0

Efficiency of Aquaculture Farming		e			Management Studies	
Thermal Radiation Effect On Hydro Magnetic Convection Boundary Layer Flow Of A Visco plastic Non-Newtonian Fluid	Dr. S. Sreekanth	Advances and Applications in Fluid Mechanics	2018	0	Sreenivasa Institute of Technology and Management Studies	0
Mediating Role of Organization al Culture in the Relationship of Emotional Intelligence and Job Satisfaction-Using Process Macro	Dr. V. MURALI KRISHNA	Restaurant Business (International Journal of Research and Analytical Reviews - IJRAR)	2018	0	Sreenivasa Institute of Technology and Management Studies	0
A Critical Analysis of Selected Public and Private Mutual Fund Schemes in India	Dr. V. MURALI KRISHNA, Dr T. Hima Bindu	Restaurant Business (International Journal of Research and Analytical Reviews - IJRAR)	2018	0	Sreenivasa Institute of Technology and Management Studies	0
Administering Interdenominational Competent Pupils in Mechanical Engineering Students.	V. N. Sudheer	International Journal of Mechanical Engineering and Technology	2018	0	Sreenivasa Institute of Technology and Management Studies	0
Effects of magnetic field and slip on convective	G. Sucharitha	Journal Of Porous Media	2018	3	Sreenivasa Institute of Technology and	1

peristaltic flow of a non-Newtonian fluid in an inclined nonuniform porous channel with flexible walls					Management Studies	
Thermophoresis and Brownian Motion Effects on Three Dimensional MHD Slip Flow of a Casson Nano fluid Over an Exponentially Stretching Surface	G. Sucharitha	Journal Of Nanofluids (JON)	2018	4	Sreenivasa Institute of Technology and Management Studies	3
Structural , morphological and optical properties of Ba _{1-x} Cu _x TiO ₃ (X = 0.2, 0.4, 0.6, 0.8) nanoparticles synthesized by hydrothermal method.	D. Kodandan	Materials Chemistry And Physics	2018	21	Sreenivasa Institute of Technology and Management Studies	10
Comparative Analysis of Boost Converter and Super-Lift Converter based Induction Motor Drive	Dr.V.Maheswari	Journal of Advanced Research in Dynamical and Control Systems (JARDCS)	2018	0	Sreenivasa Institute of Technology and Management Studies	0
Modified Spatial Modulation:	Dr. M. Arthi	Arabian Journal for	2018	2	Sreenivasa Institute of	1

An Alternate to Spatial Multiplexing for 5G-Based Compact Wireless Devices	Science and Engineering	Technology and Management Studies
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Modified Spatial Modulation: An Alternate to Spatial Multiplexing for 5G-Based Compact Wireless Devices	Dr. M. Arthi	Arabian Journal for Science and Engineering	2018	6	1	Sreenivasa Institute of Technology and Management Studies
Comparative Analysis of Boost Converter and Super-Lift Converter based Induction Motor Drive	Dr.V.Maheswari	Journal of Advanced Research in Dynamical and Control Systems (JARDCS)	2018	1	0	Sreenivasa Institute of Technology and Management Studies
Structural, morphological and optical properties of Ba _{1-x} Cu _x TiO ₃ (X = 0.2, 0.4, 0.6, 0.8) nanoparticles synthesized by hydrothermal method.	D. Kodandan	Materials Chemistry And Physics	2018	4	10	Sreenivasa Institute of Technology and Management Studies
Thermophoresis and Brownian	G. Sucharitha	Journal Of Nanofluids (JON)	2018	6	3	Sreenivasa Institute of

Motion Effects on Three Dimensional MHD Slip Flow of a Casson Nano fluid Over an Exponentially Stretching Surface						Technology and Management Studies
Effects of magnetic field and slip on convective peristaltic flow of a non-Newtonian fluid in an inclined nonuniform porous channel with flexible walls	G. Sucharitha	Journal Of Porous Media	2018	6	1	Sreenivasa Institute of Technology and Management Studies
Administering Interdenominational Competent Pupils in Mechanical Engineering Students.	V. N. Sudheer	International Journal of Mechanical Engineering and Technology	2018	0	0	Sreenivasa Institute of Technology and Management Studies
A Critical Analysis of Selected Public and Private Mutual Fund Schemes in India	Dr. V. MURALI KRISHNA, Dr T. Hima Bindu	Restaurant Business (International Journal of Research and Analytical Reviews - IJRAR)	2018	0	0	Sreenivasa Institute of Technology and Management Studies
Mediating Role of Organizational Culture in the Relationship	Dr. V. MURALI KRISHNA	Restaurant Business (International Journal of Research	2018	0	0	Sreenivasa Institute of Technology and Management

of Emotional Intelligence and Job Satisfaction-Using Process Macro		and Analytical Reviews - IJRAR)				Studies
A Complete Automation Unit to Increase the Efficiency of Aquaculture Farming	Dr.M.Saravanan	Journal of Computational and Theoretical Nanoscience	2018	0	0	Sreenivasa Institute of Technology and Management Studies
Evolutionary Algorithm Based Extreme Learning Machine for Retrieval of Images	Dr.Y.Murali Mohan Babu	International Journal of Engineering and Technology - UAE IJET	2018	3	0	Sreenivasa Institute of Technology and Management Studies
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	9	37	0	0
Presented papers	19	17	0	0
Resource persons	1	3	0	0
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electrical and Electronics Engineering	Power consumption and saving	Srinivasa Distilleries	75000
Mechanical Engineering	Manufacturing	KBD Sugars	100000
Computer Science and Engineering	Website design	Young Minds	100000
Electronics Communication	Robotics	Young Minds	10000

Engineering

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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No Data Entered/Not Applicable !!!

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Participation in Singing competition one the eve of Aug-15 by Natures Lovers Association	SITAMS NSS Unit	8	1
Independence Day Competitions (Singing/ Elocution / Poster Presentation)	SITAMS NSS Unit	8	80
Plantation Awareness Rally with plants distribution to all needy people.	SITAMS NSS Unit	8	1000
1000 Plants Distribution for each student by DFO Srinivasulu, Chittoor as part of Vanam Manam Program.	SITAMS NSS Unit	8	1000
Awareness Program for Govt. School childrens, Cherlopalli Village, Chittoor about Environment and Higher studies.	SITAMS NSS Unit	8	100
Awareness Program for Govt. School childrens, Dhodipalli Village, Chittoor about Higher studies, Internet applications and	SITAMS NSS Unit	8	100

Health Tips.			
Awareness Program for I B.Tech students by Mahila Police Station DSP, Chittoor.	SITAMS NSS Unit	8	200
International YOGA Day Celebrations	SITAMS NSS Unit	8	150
Awareness Program about Swami Vivekananda for First B.Tech students	SITAMS NSS Unit	8	250
Participated in World Environmental Day conducted by Chittoor NLA (Nature Lovers Association)	SITAMS NSS Unit	8	20
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Awareness Program for Govt. School childrens, Dhodipalli Village, Chittoor about Higher studies, Internet applications and Health Tips.	Appreciation	Govt. School Head Master	100
Awareness Program for Govt. School childrens, Cherlopalli Village, Chittoor about Environment and Higher studies.	Appreciation	Govt. School Head Master	100
KERALA Floods Relief Fund Collection	Appreciation	Kerala Government	2300
Voters Awareness Rally	Appreciation	Revenue Department, Chittoor	250
Blood Donation Camp on the eve of National Volunteer Blood Donation Day	Appreciation	Government Hospital, Chittoor	70
Donated Luggage Keeping Iron Boxes for Night Shelter	Appreciation	SUPPORT Society for Upliftment of Poor in Rural Target	600

Orphans in Chittoor			
Donation to Blind People (Indian Association for Blind)	Appreciation	Indian Association for the Blind	300
Donation to orphan children's (Abhaya Kshethram Organization) - Rs.13000	Appreciation	Abhayakshethram Orphan Ashramam (Recognized by Govt.)	1000
Volunteers did their service on the day of AP Elections-2019	Appreciation	Police Department, Chittoor	24
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Election Awareness	Government of India	EVM and VV-PAT Machines Usage Demonstration by Election Dept.	8	1500
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Project Internship	SECRBAC:SECURE DATA IN THE CLOUDS	TechCiti Technologies Pvt Ltd, Bangalore	28/01/2019	25/02/2019	N.N. NAVYA
Project Internship	CREDIT RISK ANALYSIS USING MACHINE LEARNING	TechCiti Technologies Pvt Ltd, Bangalore	18/01/2019	25/02/2019	P. HIMADEEP

Project Internship	OPTIMISING INFORMATION LEAKAGE IN MULTI CLOUD STORAGE SERVICES	RK Info systems, Hyderabad	25/01/2019	15/03/2019	M. PAVAN KUMAR
Project Internship	WEATHER FORECAST USING SUPERVISED LEARNING IN PYTHON	TechCiti Technologies Pvt Ltd, Bangalore	28/01/2019	23/02/2019	N. PAVAN KUMAR
Internship	Internship	TechCiti Technologies Pvt Ltd, Bangalore	28/01/2019	25/02/2019	A DINESH
Project Internship	AN EFFICIENT IMAGE ENCRYPTION AND DECRYPTION USING OPTIMIZED TECHNIQUES	TechCiti Technologies Pvt Ltd, Bangalore	28/01/2019	25/02/2019	A R JAHNAVI
Project Internship	FACULTY MANAGEMENT SYSTEM	TechCiti Technologies Pvt Ltd, Bangalore	28/01/2019	22/02/2019	M G SRAVANI THEJA
Project Internship	TIME TABLE GENERATION AND MANAGEMENT SYSTEM	TechCiti Technologies Pvt Ltd, Bangalore	28/01/2019	25/02/2019	KATTAMANCHI MAHITHA
Project Internship	SMART VOTING USING ANDROID IN ORGANIZATION	Celestial V Solutions, Bangalore	23/01/2019	23/02/2019	B BHARATH KUMAR
Project Internship	JEWELLERY SHOP MANAGEMENT SYSTEM	TechCiti Technologies Pvt Ltd, Bangalore	23/01/2019	23/02/2019	A S NIRAN KUMAR

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
LABTECH INNOVATIONS	30/08/2018	Conducting International Conference	100
Andhra Pradesh State Skill	25/09/2018	Conducting of Workshops and	207

Development Corporation		seminars regarding new technologies	
Pavan Empower Solutions	19/03/2019	Joint conference and seminars, practical training to students, Joint guidance of students project, industrial training, visiting faculty	100
JSK Lab Instruments, Chennai	18/02/2019	Technical Skill development Training Programs and workshops in the field of Electrical, Power Electronics, Industrial drives, PCB designing, Power system, Process automation and microcontroller	60
Exquisite Industries, Arakkonam	18/02/2019	Impart training to the students in Project and assist internship	2
M/S Foods and Inns	03/10/2018	Industrial Visits, In plant trainings and academic projects	10
Electronics Plattform Research Labs, Chennai	03/10/2018	Technical Skill development Training Programs and workshops in the field of Electronics, Embedded systems, PCB designing, IOT, 3D printer, Robotics, App development and AUTO - CAD modelling	60
Sri Vignan Technologies, Tirupathi	03/09/2019	Internship, mini project training, exchange of experts	11
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
410	400.86

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
e-cap	Fully	1.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	61554	13955396	1054	552296	62608	14507692
Reference Books	5303	1255908	8	4439	5311	1260347
e-Books	2050	0	0	0	2050	0
Journals	73	87938	0	0	73	87938
e-Journals	180	568684	7784	750914	7964	1319598
Digital Database	1	13570	0	0	1	13570
CD & Video	2500	0	10	0	2510	0
Library Automation	0	0	0	0	0	0
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	18	38878	0	0	18	38878
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. M. Arthi	Computer Programming	LMS	03/08/2018
Ms. E. Neeraja	Special Electrical Machines	LMS	04/01/2019
Dr. D. Nagaraju	Introduction to Cloud Computing	LMS	03/08/2018
Dr. G. P. Pavan	CPU Scheduling	LMS	03/08/2018
Dr. K. Santhi	Database connectivity using PHP	LMS	09/01/2019
Dr. J. Jegan	Introduction to IOT	LMS	07/02/2019
Dr. K. Siva kumar	Analysis of Algorithms	LMS	23/01/2019
Dr. K. Vimalanathan	Four bar mechanism	LMS	14/02/2019
Dr. V. Murali Mohan Babu	Microwave Design	LMS	14/02/2019
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	733	333	50	0	160	11	116	166	63
Added	132	132	0	0	0	0	0	0	0
Total	865	465	50	0	160	11	116	166	63

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

166 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Learning Management System	http://sitams.org/assets/pages/library/lecturevideos.html

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
320	315.88	115	111.88

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in

Adequate academic, physical and support facilities are available on the campus. In order to ensure their maintenance and optimum utilization, various systems and procedures are established so as to benefit all the stakeholders.

1. Maintenance of Physical Infrastructure and Support facility: Institute believes in maintaining a spic and span campus as a necessary pre-requisite to achieving a salubrious environment. In view of this, Maintenance Committee has been formed which ensures that the maintenance of the physical and support facilities is carried out in a planned and systematic manner as per the standard policies developed by the Institute.

a) Routine Maintenance: Cleaning, Dusting, Sweeping and Mopping of all areas is undertaken daily by the housekeeping staff and is supervised. Regular cleaning charts and progressive maintenance records are maintained. For minor repairs, the Institute has a workforce of Carpenters, Masons, Electricians and Plumbers.

b) Preventive Maintenance: Painting: The Institute has prepared a Calendar to ensure that all the areas are periodically painted. Air Conditioning: Many areas of the Institute are air conditioned. The maintenance of the Ventilation and Air conditioning (VAC) system is outsourced. The agency services the machines monthly and submits its report to Maintenance Committee. CCTV: The Institute has installed multiple CCTVs on the Campus. The system is maintained by our maintenance team. The maintenance team inspects the equipment monthly and submits its report to the Maintenance Committee. Water testing: Water Tanks / Septic Tanks: All the underground and overhead water tanks are cleaned by professional service-providers once a year using sophisticated equipment including UV equipment. Audio-Visual System: The high end AV systems are maintained by our Maintenance team. If have major problem we call the service team from outside. Pest Control: The Pest control which includes combating general disinfection, rodent treatment and larva breeding is done periodically as per pre-decided calendar. Anti-Termite treatment is also done periodically.

2. Maintenance of IT Infrastructure: Systems Department ensures that the maintenance of the IT Infrastructure is carried out in a planned and systematic manner as per the standard policies developed by the Institute. The Institute has a full-fledged Systems Department with a qualified Systems Manager for efficient management of IT infrastructure on campus. Systems Manager with team ensures that the IT infrastructure (including hubs, L1 / L2 Switches, Wi-Fi Routers etc... and peripherals) are always in working condition. The Institute has a policy of purchasing only hi-branded computer and networking hardware from reputed companies like IBM, Dell, Acer, Lenovo having extended 3-years warranty and therefore the maintenance for first 3 years is taken care by the vendor/supplier. The Server and the firewall are covered under the Comprehensive Annual Maintenance contract. The Institute also has a full time Maintenance Engineer and an independent maintenance room (Scrounge) for carrying out IT maintenance. Every laboratory maintains a complete record of the equipment such as Dead-Stock Register, Maintenance Register, utilization and Lab-Readiness Certificate. All the documents are verified by Lab In charge (a faculty member) and are kept in accordance with the standard procedures.

<http://www.sitams.org/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Dr. D. K. Adikeshavulu Scholarship	601	6760300

Financial Support from Other Sources			
a) National	POST METRIC SCHOLARSHIP	1530	53880400
b) International	-	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Organic forming Trip	07/08/2018	30	Gudipala
Softskills Training at SITAMS	06/08/2018	300	Global Talent Track, Pune
Environmental Activities	04/08/2018	50	Chittapara Village(Chittoor)
Internet of Things workshop at SITAMS	02/08/2018	300	Stigmata Techno Solutions LLP, Chennai
Plantation Awareness Programme	02/08/2018	100	SITAMS
Softskills Training at SITAMS	26/07/2018	300	Global Talent Track, Pune
Vanam Manam programme	24/07/2018	150	SITAMS
Aptitude, Reasoning and Verbal Classes at SITAMS	22/07/2018	350	Ways Open Consultants Pvt Ltd
Innovative projects	07/07/2018	50	SITAMS
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	English Communication Skills	0	389	0	0
2018	C programming Techniques	0	470	0	0
2018	Personality Development Training	0	389	0	0
2018	Aptitude and	0	470	0	0

	Reasoning				
2018	Employability Skills	172	0	0	0
2018	Awareness Programmes on Placements	0	363	0	0
2019	CRT Programme	453	0	0	0
2019	Placement	0	0	0	472
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Go Speedy Go, Bhuvanewar Fission Infotech, Hyderabad Glenwood Systems, Chennai Just Dial, Hyderabad Prime Gases Pvt. Ltd., Hosur Raster Engineers Pvt Ltd., Hyderabad RVM Construc tions, Hyderabad Vem Technolo gies, Hyderabad Gesco Healthcare Pvt Ltd.	588	324	Cognizant Technology Solutions HCL Technolo gies, Chennai Infosys Ltd., Chennai TCS, Chennai WIPRO Techno logies, Bangalore HEXAWARE Tec hnologies, Chennai Syntel Inc. MindTree, Bangalore Vamsoft Technology and Consultancy Pvt Ltd., Chennai Chola MS Ins	250	148
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2	B.Tech	Civil Engineering	MJR engineering college	M.Tech (Construction planning and management)
2019	1	B.Tech	Civil Engineering	Amity University	M..B.A (Masters of business and management)
2019	1	B.Tech	Electronics and Communication Engineering	JNTUA	M.Tech (Control systems)
2019	2	B.Tech	Computer Science and Engineering	SITAMS Engineering college	M.Tech (Software Engineering)
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	0
SET	0
SLET	0
GATE	0
GMAT	0
GRE	1
TOFEL	0
Civil Services	0
Any Other	5
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
100 meters	INSTITUTE	60
Chess	INSTITUTE	27
Table Tennis (Doubles)	INSTITUTE	32
Table Tennis (Singles)	INSTITUTE	15
Badminton (Doubles)	INSTITUTE	70
Badminton (singles)	INSTITUTE	55
Ball Badminton	INSTITUTE	62
Basket Ball	INSTITUTE	80
Volley Ball	INSTITUTE	75

CRICKET	INSTITUTE	120
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	II PRIZE	National	1	0	16751AO305 ,17755AO31 3	G SAI SREENESH,P VENKATA SAI
2019	I PRIZE	National	1	0	16751AO305 ,17755AO31 3	G SAI SREENESH,P VENKATA SAI
2019	I PRIZE	National	1	0	16751AO305	G SAI SREENESH
2019	I PRIZE	National	1	0	16751AO469 ,15751AO4D 0	K. ANITHA,A V PRIYANKA

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

SITAMS have student association committees for each branch along with faculty which meets on a regular basis to discuss their areas of concern. NSS is a voluntary association of young people in Colleges, The cardinal principal of the NSS program is that it is organized through participation in community service gets a sense of involvement in the task of nation building. CSI is a professional body for the computer is a largest body in the nation. The CSI membership is available and CSI Student Chapter organizes various activities such as workshops, seminars, workshops, technical events, etc. Computer science Engineering Students Association (CESA) is departmental committee which provides the students and teachers of computer department various curriculum as well as extracurricular events and opportunities. CESA started its one of the active association students since 2007. It also enhances their technical skills through guest lectures, seminars, workshops etc. Electronics and communication Engineering Department has a student activity forum (Electronics Engineers Students Association) which has been formed with the view to promote various activities like guest lectures, seminars and workshops from experts. ECES provides a platform for the students to showcase their technical talent thereby enhancing their overall personality Electronics and telecommunication department has IETE committee. IETE organizes various events for the students. It provides the platform to explore their idea got the chance to interact boost their confidence. Mechanical Engineering Department has a student activity forum (Mechanical Engineering Department Association) which has been formed with the view to promote various activities like guest lectures, seminars and workshops from experts. MEDA Provides a platform for the students to showcase their technical talent thereby enhancing their overall personality. Mechanical Engineering department has ISTE, ASME committee for organizing various events for the students. It provides the platform to explore their idea got the chance to interact boost their confidence. Women's empowerment Cell WEC, SITAMS has a

group of passionate feminist stalwarts, out with a gender lens. WEC has earned the reputation of being liberal space. NSS unit of college is mainly involved into activities which will enhance students' social skills and make them perfect person to live in the society. NSS normally conducts different social activities like blood donation camp, Tree plantation camp and book donation camps and various social awareness camps Other Activities:

- SITAMS Fresher's Day to welcome the newly admitted students in the college.
- Observation of Teachers' Day to mark the birth anniversary of Dr. S. Radhakrishnan.
- Organizing, a cultural programme before the Durga puja in collaboration with the Cultural Subcommittee of the college.
- Organized of the annual social, a cultural programme of the college.
- Celebration of Saraswati Puja in the college.
- Celebration of sakaranthi, a traditional cultural programme
- Organization of various sports inter and intra Tournament.
- Organization of SITAMS Annual Sport meet.
- Students are in departmental BOS: Inputs are taken to frame scheme and syllabus.
- Students Placement Committee.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Aims Objectives of Alumini Cell

- To bring together all the old students and the faculty of SITAMS College to share their experiences with each other
- To maintain and update the data base of all the alumni of the college and to interact with them
- To utilize the rich experiences of old students of the college for the benefit and progress of the present students
- To provide guidance to the present students in their Endeavour for better employment and higher studies.
- To promote the campus placements through the old students working in reputed industries in India and abroad
- To get the valuable advices of the Alumni in the overall development of the college
- To arrange seminars, debates, workshops and also to arrange cultural and social welfare programs
- To arrange teaching and training classes to the students studying in the college and also to the members to upgrade technical and general skills.
- To gather and maintain database of employment information and to assist the members in securing suitable jobs
- To involve the members in the overall development of the college and the Society Activities of Alumini Cell
- To promote and foster mutually beneficial interaction between the Alumni and the present students of the college and between the Alumni themselves.
- To provide the forum to establish a link between the alumni, staff, and students of the Institute.
- To encourage the Alumni to take an active and abiding interest in the work and progress of the Institute.
- To enable the alumni to participate in activities which would contribute to the general development of the institute
- To organize and establish scholarship funds to help the needy and deserving students.
- To raise funds for various welfare and other schemes in the college as approved by the Association
- To institute prizes and awards for outstanding project work, research papers or other professional activity by the students of the Institute also to suitably recognize outstanding social and community service by the Alumni and the students.
- To provide a forum for the alumni for exchange of ideas on academic, cultural and social issues of the day
- To arrange social and cultural functions
- To perform all other acts in furtherance of the objectives of the Association.

5.4.2 – No. of registered Alumni:

153

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet. Participating in syllabus framing. Organizing skill development programme Organizing career guidance programme Guest Lecture on advanced topic related industry needs.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The first decentralisation is through enhancing the financial limits of purchase committee which envisages utilization of allocated funds towards purchase of various equipments/facilities as requested and approved by concerned departments/administration. The purchase committee consist of members from all the departments which scrutinize all the purchases made during the financial year. Financial Independence of Placement and Training Cell (PT) is the second decentralization in the year 2018-19. SITAMS PT Cell is dedicated to mould the students to cope with the changing demands of the corporate world and place them in reputed companies based on the talents and capability of students. The PT Cell monitors the employment opportunities, cater to enhance employability of students and arrange on and off campus interviews. Campus recruitment program starts right from the penultimate semester. It's a policy of the Placement Cell not to patronize companies bend on doing Education Training activities to attract the students in the name of recruitment against payment. SITAMS lays emphasis on the placement of the students by training and preparing the students to face the real life situation after graduation. The students aspiring for higher studies are encouraged to undergo GATE/GRE/CAT exams. Further, resource persons and professionals from the field of communication and interpersonal skills are invited to equip our students with necessary soft skills required to face the interviews in todays competitive world. Such training exposure enhances the students' employability. Goal setting, Time Management and Prioritization, Team Building group activities are the Key points that are implanted in the Young minds. However, the PT Cell faced lot of problems during their approach to the companies, industries, organizations for transport, accommodation, hospitality, conveyance, etc. This is mainly because of the standard procedure of approval through administrative channels through principal's office. Hence it was decided to decentralize the payment procedure that from college funds whatever the amenities required for the placement shall be spent first and then reimbursed fully by the management. Thus fast track placement activities have taken place benefiting the students.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The institution encourages the participation of Faculty members, Industry experts, Alumini, JNTUA experts, two academic experts and Student feedback to contribute to enrich the curriculum during the course of its revision. SITAMS undergoes a revision of curriculum once in three years. All guidelines of AICTE, UGC and

JNTUA are followed during curriculum development. Curriculum highly embraced towards Outcome Based Education (OBE) in which Program Outcomes (POs) for each program offered by Institute and Course Outcomes (COs) for every course. Every department offers courses like professional ethics, elective courses along with open electives. SITAMS is instrumental in implementing curricular reforms, which has created national impact like skill courses, Industry Internship embedded in syllabi, etc. It also promotes interdisciplinary courses by which it offers Interdisciplinary projects. The curriculum proposed by the department committee is discussed in the respective BOS and approved by the Academic Council.

Teaching and Learning

SITAMS provides top priority to ensure the quality of education by means of Teaching and Learning process. Innovative teaching methods are highly encouraged and implemented. Contributions to teaching and learning are activities that contribute to the improvement of student learning. Active Learning methods are implemented to bring innovation within classrooms. Continuous guest lecture/technical seminars/workshops/symposiums are arranged to enable learner centric atmosphere. These activities may include innovations not limited to, delivery, ICT tools, instructional methods, manual assessment, online assessment, Spoken Tutorial (IITB), skill courses, NPTEL Lectures, evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction.

Examination and Evaluation

1. Examination: 1. Students register for 160 credits and secure all together 160 credits to obtain B.Tech degree. 2. Two audit pass course in Constitution of India and Environmental Science with no credits are introduced. There shall be no external examination. However, attendance in the audit course shall be considered while calculating aggregate attendance and student shall be declared pass in the audit course only when he/she secures 40 or more in the internal examinations. 3. The CBCS, also called as Open Electives (OEs) implemented in the college. The CBCS provides choice for students to select

from the prescribed courses (core, elective or minor or soft skill courses). In which students can take courses of their choice, learn at their own pace and adopt an interdisciplinary approach to learn. It is mandatory for UG students to study 2 CBCS courses. The students have to choose one open elective (OE-I) in III year II semester, and one (OE-II) in IV year I semester, from the list of open electives given. 4. Students have to choose core electives(CE-I and CE-II) in IV year I semester and core elective(CE-III and IV) in IV year II semester, from the list of core electives courses given 5. Internship adopted for final year students of all branches and is mandatory 6. Industrial visit for every student is mandatory to go for at least one Industrial visit starting from the second year of the programme. 7. Effectively in practice of Blooms Taxonomy in conducting Examinations. 8. MOOC courses for UG and PG. 9. Assignment component. 2. Evaluation 1. Students are motivated to actively participate in 8-week online courses conducted by NPTEL/SWAMYAM/any approved online courses. Further, after successful completion of the course, credit will awarded along with results. 2. Examinations helped in the successful execution of processes such as monitoring of attendance, decoding of scripts, preparation of programme wise results, uploading semester examination results and preparation of grade sheets. 3. Quick publication of results and issuing necessary certificates on time helped the students to secure admission for higher studies and to join the organizations in which they are placed. 4. A candidate shall be deemed to have secured the minimum academic requirement in a subject for appearing end-examination for which he/she need to secure a minimum of 35 of marks in the end semester examination and a minimum aggregate of 40 of the total for the UG Program and 50 respectively for the PG Program. In case of CIA 30 marks will be awarded, for theory subjects, during the semester, there shall be two mid-term examinations. I-Mid exam will be conducted for 25 marks covering the Syllabus of I II units.

II- Mid exam will be conducted for 25 marks covering the Syllabus of III, IV V units. Marks are finalized with a weightage of 0.80 for the better performance and 0.20 for the other and 5 marks for assignments. 5. Necessary measures were taken for minimization of grievances in the evaluation process.

Research and Development

Research and Development activities are as mentioned: • Institution organised 10 research events like FDP, Seminars, Guest lectures, workshops and conferences to motivate faculty and students towards research. • Totally 38 research proposals have been sent to various funding agencies like AICTE, DST, IE, ICMR, etc for Rs. 4,27,00,187.00/-. • Promote research thirst among faculty, seed money has been provided for more 20 for Rs 2,99,200.00/- faculty members for doing innovative projects/prototypes. • Faculty members have published 42 referred journals in this academic year. • About 10 faculty members have filed patents in this academic year. • Incentives have been given to faculty members to encourage to attend Conference/Seminars/Workshops/FDP/STTP and to publish papers in conferences and journals.

Library, ICT and Physical Infrastructure / Instrumentation

• SITAMS has ensured constantly upgrade the number of books and journals as and when required. During 2018-2019, a total of 1062 books were purchased and nearly 7784 new e-journal access was provided. • Digital library has been renovated and also increased the number of computer. • Access to digital information has been encouraged. • Availability of e- books in the digital library. • Motivation to adopt 100 usage of ICT tools in the class room • Smart Classroom usage has been encouraged during seminars, project presentation, etc. • NPTEL Learning centre established. • Regular up-gradation of Lab equipment • Routine check up and maintenance of facilities.

Human Resource Management

The institute has Human resource Management. It ensures that • Faculty and Staff recruitment are carried out as and when the need arises. • Interview is conducted by a panel of interviewers in their respective branch of study. • Recruitment is merit based through a Selection Committee and

expert team. Non-teaching staff recruitment is made through a Selection Committee and expert team. Prior intimation is circulated through advertisements in the national news papers • After recruitment, the faculty members are instructed to take part in the JNTUA University Ratification process. • Faculty and Staff attendance are monitored on a daily basis. • IQAC create knowledge among faculty regarding quality parameters. • Performance record is maintained. • Performance appraisal is conducted. • Payroll is as per norms. • Induction and training events are conducted to train the newly recruited faculty. • Grievance cell is present to address issues for both staff and students.

Industry Interaction / Collaboration

SITAMS has a well established Industry - Institution Interaction Cell with an objective to create awareness and industrial exposure to students by bridging the gap between industry and the academic institute by participation of experts from industry in curriculum development, Guest lectures, Industrial visits, Internships, Project work, etc. Further III cell organizes Workshops, conferences with joint participation of faculty from educational institutions and experts from industries. Industry associated labs are also established and MOUs which are mutually beneficial. Thus III Cell creates adequate ambience to promote industry-institute interaction so as to meet the growing and developmental needs of future.

Admission of Students

• Admission committee will take care of admissions of students. • SITAMS follows a transparent admission system for all the admission • Advertisement regarding admission is given in the daily newspapers and students are admitted through EMCET, ICET, ECET, as well as under management quota. • The admissions of the students are strictly followed as per rules and regulation based on the Government of Andhra Pradesh, JNTUA, AICTE and UGC norms. • The newly admitted students are given various Scholarships, sponsored by the Sreenivasa Educational Trust. • The institute provides scholarship to meritorious and economically weaker students.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<ul style="list-style-type: none"> • For each academic year, academic cell prepares and uploads tentative detailed calendar for every semesters on the Institute website before commencement of the academic session. • The calendar highlights various activities and various events organized during the academic year. • The Institute also updates and make aware of the upcoming activities of the Institute and important events held in the Institution through the website, Email and Whatsapp.
<p>Administration</p>	<ul style="list-style-type: none"> • The Principal office and administration takes the responsibility of complete administration of academics, maintenance, transport, Infrastructure facilities, public relation, Hostel administration, sports and extracurricular activities. • The attendance of all the employees is monitored using Bio-metric system. • Period wise, Day wise, month wise attendance of the students are monitored through college automation software. • Feedback is collected through automation software. • The college premises are monitored using CC cameras.
<p>Finance and Accounts</p>	<ul style="list-style-type: none"> • Finance department takes care of finance and accounts. • Salaries of employees are credited to their bank accounts directly. • Students are encouraged to pay their admission fees through Bank. Scholarship of students and salaries of employees are credited to their bank accounts directly.
<p>Student Admission and Support</p>	<ul style="list-style-type: none"> • SITAMS follows transparent policy in admission. • Information regarding admission is maintained in the Institute's website.
<p>Examination</p>	<ul style="list-style-type: none"> • Details about examination are informed well in advance as well as published in the on the Institute's Website. • Hall ticket generation is carried out using AIMS software. • External exam results are published through institute website. • Information regarding exam notification, re-valuation, etc. is published in the college website. • Online examinations are adopted for comprehensive test held through Moodle

platform. • Reasoning and aptitude exams are conducted through online. • Setting of Question papers from subject experts are collected through password protected e-mail services.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	P.Suresh	Structural Equation Modeling, Yogivemana University, Kadapa	-	2000
2018	N.Lakshmi Sailaja	Emerging Trends and E-Tools in English Language Teaching, PVKN Govt. College	-	2000
2018	N.Lakshmi Sailaja	Lang-Lit Podium- A Web Conference to Interact with International Experts, VIT Vellore	-	2000
2018	N.Lakshmi Sailaja	Employability and Workplace Navigation Skills, VIT Vellore	-	2000
2018	P.V.Ramanamoort hy	International conference on U nderstanding,Pr edicting and Projecting Climate Change OverAsian Region(UPCAR)	-	2000
2018	Dr.H.Umamahesva ri	Geo Spatial Technologies and Sendai Framework for Disaster Reduction, Indian Institute of Remote Sensing ,Indian Space	-	2000

		Research Organization, Department of Space, Dehradun		
2018	Dr.H.Umamahesvari	Global Competitiveness Jnanabheri (A knowledge Summit),SV University, Tirupati	-	2000
2018	Dr. Arthi. M	Artificial Intelligence in IoT, VIT Vellore	-	2000
2018	Mr.Shaik Rizwan	International Workshop on CMR Technical campus, Hyderabad	-	2000
2018	Mr.P.Gnanaprakash	International Workshop on CMR Technical campus, Hyderabad	-	2000
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Internet of Things	-	02/08/2018	04/08/2018	10	0
2018	Corporate Governance	Office	24/08/2018	29/08/2018	14	3
2018	Home Automation using IOT	-	04/10/2018	05/10/2018	12	0
2018	One week Faculty development program on Applications of MATLAB for scientific and engineering computations	-	05/11/2018	11/11/2018	31	0

2018	3D-Printing	-	19/11/2018	22/11/2018	24	0
2018	Innovative approach for effective implementation of students project and its documentation	-	19/11/2018	22/11/2018	9	3
2018	FDP on Internet of Things	Network	17/12/2018	22/12/2018	25	0
2018	Programme on Application of Mathematics to Engineering	-	22/12/2018	28/12/2018	8	0
2019	Importance of Pedagogy in outcome based education	-	09/02/2019	09/02/2019	89	0
2019	Robotics	-	11/05/2019	17/05/2019	24	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Teachers Training Programme on Induction	12	01/07/2018	06/07/2018	6
Internet of Things	10	02/08/2018	04/08/2018	3
Corporate Governance	14	24/08/2018	29/08/2018	6
One week Faculty development program on Applications of MATLAB for scientific and engineering	31	05/11/2018	11/11/2018	7

computations				
3D-Printing	24	19/11/2018	22/11/2018	4
Innovative approach for effective implementation of students project and its documentation	9	19/11/2018	22/11/2018	4
FDP on Internet of Things	25	22/12/2018	28/12/2018	5
Programme on Application of Mathematics to Engineering	8	22/12/2018	28/12/2018	7
Importance of Pedagogy in outcome based education	89	09/02/2019	09/02/2019	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
27	27	2	2

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Transport facilities, Staff Quarters, Medical and Maternity Leave, Study Leave	Transport facilities, Medical and Maternity Leave, EPF	Scholarships like SC/ST, Reimbursement, etc., Dr. D.K. Audikesavulu Memorial Scholarship for academically excellent and poor student.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Sreenivasa Institute of Technology and Management Studies (SITAMS) utilize the services of Ramesh Babu Co. Subedar Street, Chittoor, who perform statutory audit on yearly basis. Further, SITAMS setup internal finance purchase committee which perform various activities for all the departments at regular intervals and submit report to the management. • The annual accounts and financial estimates of the Institution shall be placed before the finance Committee for consideration and thereafter submitted to the Governing Body together with the comments of the Finance Committee for approval. • The Finance Committee shall fix limits of the total recurring expenditure and the total non-recurring expenditure of the year based on Income and resources of the Institution. • Purchase committee analyzes quotations provided by the vendors and provides recommendation. • Comparison of the supplies/services quoted for comply with what was requested in the indent. • Order Placement and follow up till purchased items are put to use. • After sales service regarding warranty / guarantee. Availability of technical persons on call. • Recommend to the Governing Body the creation of all types of posts in consultation with the

Academic council. • Provide the financial estimates in respect of building and other infrastructural facilities that are planned in future. • To monitor and control the expenditure and revenue In case of any deviation.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
TCS, NSEIT	1300829	On-line Examination
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO	Yes	IQAC
Administrative	Yes	ISO	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parents are informed about new curriculum, CBCS, and OBE system. Parents are informed about Gate coaching and Aptitude training etc., General Body Meeting of Parent Teachers Association

6.5.3 – Development programmes for support staff (at least three)

Skill development training programme Ethics programme Social Value programme
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

Improvement in Digital Library Resources Smart Class in each Department All class room LCD facility

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Finalize of CBCS - R18 -curriculum implement from 2018-19	03/07/2018	03/07/2018	03/07/2018	120
2018	Implementati on of MIS in planning, monitoring	03/07/2018	03/07/2018	03/07/2018	77

	and administration				
2018	Automation of Examination	03/07/2018	03/07/2018	03/07/2018	26
2018	Replacement of conventional lighting sources with LED	09/07/2018	09/07/2018	17/07/2018	1325
2018	Participation in NIRF ranking	10/07/2018	10/07/2018	10/07/2018	17
2018	Establishment of Professional Society of ISTE	13/07/2018	13/07/2018	13/07/2018	540
2018	Establishment of Professional Society of IETE	18/07/2018	18/07/2018	18/07/2018	328
2018	Establishment of Professional Society of CSI	25/07/2018	25/07/2018	25/07/2018	252
2018	First year students to get the feedback regarding academic performance and other facilities provided to the students	02/08/2018	02/08/2018	02/08/2018	428
2018	Establishment of Professional Society of ASME	03/08/2018	03/08/2018	03/08/2018	46
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants
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			Female	Male
Participation in Singing competition	15/08/2018	15/08/2018	1	0
Essay Writing competition	27/08/2018	27/08/2018	30	20
Cultural Competitions on Literacy	05/09/2018	05/09/2018	10	20
Blood Donation Camp	01/10/2018	01/10/2018	10	60
World Space Week Rally	06/10/2018	06/10/2018	140	160
Dr.APJ.Abdul Kalam Birthday Celebrations	15/10/2018	15/10/2018	43	57
College Level Youth Festival	08/12/2018	08/12/2018	29	21
"Walk for Values Rally" organized by Sathya seva samithi, chittoor.	16/12/2018	16/12/2018	6	4
National Youth Day Competitions (Elocution) in association with Yuva Kendhra, Chittoor, Govt. of India.	10/01/2019	10/01/2019	6	6
National Youth Day Competitions (Elocution and Poster Presentation)	12/01/2019	12/01/2019	6	5
Sankranthi Festival Celebrations in Campus	12/01/2019	12/01/2019	100	50
Blood Donated in the camp on the eve of NTR Vardhanthi	18/01/2019	18/01/2019	1	19
Participated in District Level Youth Parliament Screening test	19/01/2019	19/01/2019	2	0

Art of Living Program by WYCM (World Youth Change Makers) Organization, Chennai.	11/02/2019	11/02/2019	200	100
SITAMS NSS Volunteers Participated to do SEVA in Srivaari Kalyanothsavam conducted in Chittoor.	23/02/2019	23/02/2019	40	60

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The solar automatic street lamps are erected on road side. The lights automatically turn on during night time. Twenty Five numbers of solar Street lights (30 watts) are installed on road side.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	10	10	13/07/2018	1	Awareness Program for Govt. School children, Dhodipalli Village, Chittoor about	Awareness program for health	100

					Higher studies, Internet applications and Health Tips.		
2018	5	5	29/08/2018	1	Swatchh Sarvekshan Grameen 2018	Awareness and installation of Swatchhata APP - "SSG 18	500
2018	10	10	06/09/2018	5	KERALA Floods Relief Fund Collection	Rescue Kerala	2300
2019	10	10	18/02/2019	5	Donation to Blind People (Indian Association for Blind)	Donate to Blind People	300
2019	10	10	01/04/2019	5	Donation to orphan children's (Abhaya Kshethram Organization)	Donation to orphan children's	1000
2019	5	5	11/01/2019	1	Donated Luggage Keeping Iron Boxes for Night Shelter Orphans in Chittoor	Donated Luggage Keeping Iron Boxes for Night Shelter Orphans in Chittoor	600

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
SITAMS Bulletin	09/07/2018	Students are generally following the code of conduct correctly and if any misconduct, students are advised through the mentor. If any violation, discipline committee do the enquiry and necessary actions will be taken.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Awareness Program for Govt. School childrens, Dhodipalli Village, Chittoor about Higher studies, Internet applications and Health Tips.	13/07/2018	13/07/2018	100
Awareness Program for Govt. School childrens, Cherlopalli Village, Chittoor about Environment and Higher studies.	21/07/2018	21/07/2018	100
Voters Awareness Rally	27/09/2018	27/09/2018	250
Awareness on Suggestion and Compliant Box by Chittoor Police Dept.	30/01/2019	30/01/2019	300
Volunteers did their service on the day of AP Elections-2019	11/04/2019	11/04/2019	24
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Energy Conservation:- a) College construction allows for natural ventilation and lighting throughout its campus which helps conserve the energy demand. Long slender and clerestory windows in library, nearly eliminates the need for artificial lighting. b) Use of LEDs instead of traditional lights in the interiors of the buildings has been made popular to take care of energy conservation. c) Hi speed internet Wi-fi facilities are available in the college. d) SITAMS has implemented the automated street light with Solar panels. e) SITAMS Girls and Boys hostels are provided with water heating system through with enhanced solar panels as backup. 2. Water Harvesting: SITAMS has enhanced Rainwater Harvesting in the campus to improve the ground water level. SITAMS has constructed waste water recycling plant to recycle the water with minimum impact on the environment and the recycled water has been used for plantation purpose. 3. Plantation: The National Service Scheme (NSS) volunteers of SITAMS planted trees at different places in the campus as well as in different places of chittoor town. SITAMS NSS have conducted plantation awareness rally with Plants distribution to all the needy people of chittoor on 4th August 2018. On the event of Gandhi Jayanthi, SITAMS NSS volunteers along with District Forest Officer of Andhra Pradesh has conducted Plant Distribution and awareness rally in chittoor by distributing plant sapling to the needy people of chittoor and SITAMS has received an appreciation for the plantation from District Forest Department of Andhra Pradesh. 4. e-Waste Management: a. Hazardous waste: Waste is an obvious culprit and pollutant, contributing to

landfills and toxins which harm the earth's soil and atmosphere. Keeping this in mind, the waste material in college is segregated into biodegradable and non-biodegradable wastes, and as toxic and non-toxic wastes in the laboratories. Indiscriminate use of chemicals is discouraged during practical classes. b. Electronic waste: The College maintains all its computer peripherals within its boundaries. It feels pride that it has been actively involved in recycling all the computers and its components in the last 21 years. This also ensures that the computer accessories are being maintained at no extra cost. It has awarded the tender to various vendors for managing e-waste as per safety norms. The Computer Resource Centre of the college follows the practice of buy back policy of lithium batteries and ink cartridges while making new purchases. c. Kitchen and Garden waste: SITAMS took an initiative to install Aerobins in the campus. Aerobins have revolutionized the system of Kitchen and garden waste to keep the campus neat and Clean. 5. Fire Safety: SITAMS has followed all the guidelines for fire safety as per relevant Codes. SITAMS has planned water storage for fire, and provided Fire Hydrants, at suitable locations in the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Effective adoption of Information Communication Technology (ICT) tools: • ICT (ICT) tools highly contributes to quality education and potentially increases students' motivation, active participation, connect students to many information sources, interactive learning environments, and let the teachers to more focus for facilitation. • Therefore, SITAMS has greatly adopted ICT usage and implemented 100 ICT tools in teaching and learning process. • In addition, new technologies usually encourage independent and active learning. • These technologies increase students' motivation, self-confidence and self esteem to learn. • Considerable improvements have been observed through ICT in modernizing, learning, teaching, quality of education, flexibility, etc. 2. Initiatives related to Industries • III Cell arranges for the industrial visits of the students of the branch to the nearby Industries. • Students and few faculty members of the department visit the industry wherein the students are exposed to the practical working of the machines and facilities as explained by the Manager / Engineer of the unit. • Students witness the working of the machines / equipments, understand the process, materials and method used for production of goods in the unit. • After coming back, students group prepare a report on this visit and submit it to the HOD and forward to the III Cell for records • Learning from these industrial visits are also discussed in the class room by the faculty and effort is made to relate it to the theoretical learning's. • Department also looks for the similar kind of visits through the individual contacts of faculty. • Experts from industry are invited to deliver before the students in the form of guest talk / lecture. • These industry professionals / experts present new technologies implementation with the case studies as well.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.sitams.org/>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Sreenivasa Institute of Technology and Management Studies, Chittoor was established in 1998 under Srinivasa Trust, approved by AICTE, affiliated to JNTUA. Over the last 20 years, SITAMS has made remarkable progress in teaching, research and consultancy in the field of technical education and management

studies. The institute became autonomous in 2013 for a period of six years till 2019 and NAAC has accredited the Institution during 2015 for 5-years. In order to achieve the Institutional vision and mission, application for NBA accreditation has been applied for three UG courses and two PG courses. One of the distinctive areas towards its vision and mission is Entrepreneurship Development Cell (EDC). Entrepreneurship is increasingly recognized as an important driver of economic growth of a country. Even Government of India has recognized the importance of entrepreneurship and has introduced programs like Make in India Start-up India. EDC was established in August 2013. The aim of EDC at SITAMS College is to develop and strengthen entrepreneurial qualities in the budding professionals who are interested in starting own ventures. The College provides infrastructure and technical support to the students having innovative ideas to transform into new products and services for the betterment of the society. EDC assists the aspirants with mentoring, planning and execution of their start up.

EDC has maintained a pool of Sponsors like banks, national entrepreneurship training agencies and suppliers, who are willing to aid budding entrepreneurs. SITAMS encourages the students to consider self-employment as a career option, providing necessary training in Entrepreneurship skills. Objectives: • To act as an institutional mechanism for providing various services including information to budding student entrepreneurs • To create Entrepreneurial culture in the Parent Institution and other institutions in the region and to promote the objectives of NSTEDB, including programmes related to women and weaker sections of the society • To foster better linkages between the Parent Institution, Industries and R D institutions in the region and other related organizations engaged in promoting Micro, Small Medium Enterprises (MSMEs) including NGOs and other Voluntary Organisations • To respond effectively to the emerging challenges and opportunities both at national and international level relating to MSMEs. Functions: 1. To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes and Faculty Development Programmes in the region for the benefit of Science and Technology persons 2. To conduct research work and survey for identifying entrepreneurial opportunities. 3. To guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support systems and information on various technologies 4. To extend necessary guidance and escort services to the trainees in obtaining approval and execution of their projects. 5. To act as a Regional Information Centre on business opportunities, processes, technologies, market, etc. 6. To provide testing, calibration, quality assurance, design, tool room, pilot plant and other facilities for Entrepreneurs besides expertise in Intellectual Property rights, Patents search, etc. 7. To conduct skill development training programmes leading to self/wage employment.

Provide the weblink of the institution

<http://www.sitams.org/>

8.Future Plans of Actions for Next Academic Year

- Extension of Autonomous Status for the institution through UGC.
- NBA e-SAR has been uploaded and visit is expected in month Aug 2019.
- NAAC accreditation for the institution is planned during 2019-2020
- Participation in NIRF ranking
- Implementation of suggestion as per the Assessment of NBA expert team for the following departments
 - o Computer Science and Engineering. (UG)
 - o Electronics and Communication Engineering. (UG)
 - o Mechanical Engineering. (UG)
 - o Master of Computer Applications. (PG)
 - o Master of Business Administration. (PG)
- International Conference is planned during 2020.
- Short Term Training Programmes (STTP) organization Planned for Three Short Term Training Programmes (STTPs) for 2019-20
- FDP programme is planned during May 2020.
- Planned Four Internal Academic Audit for 2019-20.
- Organization of Social activities/ YRC 2019-20.
- Proposal to increase the intake CSE and ECE based on the NBA accreditation
- Go

Green Campus • Enhance research culture • Enhance Alumni Engagement • Improve E-Governance based Internal Support System • Diverse Student Learning Environment • Enhance Engagement with Industry