

Sri Siddhartha Institute of Technology

(A constituent college of Sri Siddhartha Academy of Higher Education, Tumkur)

Maralur, Tumkur- 572105

Internal Quality Assurance Cell (IQAC)

Annual Quality Assurance Report (AQAR)

2019-20



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IOAC **(For Universities)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution: Sri Siddhartha Institute of Technology

- Name of the Head of the institution : Dr. M.S. Raviprakash
- Designation: Principal
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 0816- 2200314, 0816-2201073
- Mobile no.: 9901922149
- Registered Email: 9901922149
- Alternate Email: ravidmagge@rediffmail.com
- Address : Kunigal Road, Maralur
- City/Town : Tumakuru
- State/UT : Karnataka
- Pin Code : 572105

2. Institutional status:

- University: Deemed
- Type of Institution: Co-education
- Location: Urban

- Financial Status: Private
- Name of the IQAC Co-ordinator/Director: Dr. R Prakash
- Phone no. /Alternate phone no. : 0816- 2200314, 0816-2201073
- Mobile: 9901154250
- IQAC e-mail address: igac@ssit.edu.in
- Alternate Email address: rpiemssit@gmail.com

3. Website address:

Web-link of the AQAR: (Previous Academic Year):

<https://ssit.edu.in/iqac-aqar.html>

4. Whether Academic Calendar prepared during the year?

Yes, if yes, whether it is uploaded in the Institutional Website

https://ssit.edu.in/pdf/Calender_UG_PG.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period	
1 st	A	3.01	2015	From: 16-11-2015	To: 15-11-2020
2 nd				from:	to:
3 rd				from:	to:
4 th				from:	to:
5 th				from:	to:

6. Date of Establishment of IQAC: 25/06/2015

7. Internal Quality Assurance System

7.1 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
IQAC Meeting	07/01/2019	30
IQAC Meeting	05/03/2020	30
Internal Academic Audit	03rd and 04th, December 2019, 2 days	170
Internal Audit for Examination Process	15th May 2020, 1 Day	170
Workshop on “Quality Assurance, Professional Ethics and Social Concern in Engineering Domain”	31/10/2019, 1 day	170
Women Health and Hygiene	29/11/2019, 1 day	180

A talk on “ Engineer: How to prepare for their Career”	09/01/2020, 1 day	140
Workshop on “Pedagogical Initiatives”	11/01/2020, 1 day	50
A talk on “IT Industry 2020: Technology Trends, Challenges and Opportunities”	07/03/2020, 1 day	150
International Women’s Day	13/03/2020, 1 day	280
NIRF Participation	28/02/2020	
AISHE 2019-20	15/05/2020	
NBA reaccreditation of two 2 UG programmes- Civil Engineering and EEE	01/07/2020 to 30/06/2023 3 years	

Note: Some Quality Assurance initiatives of the institution

are: (Indicative list)

- *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements*
- *Academic Administrative Audit (AAA) conducted and its follow up action*
- *Participation in NIRF*
- *ISO Certification*
- *NBA etc.*

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
Electrical & Electronics Engineering	Research and development	VGST	2019-20	40 Lakhs

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

*upload latest notification of formation of IQAC – [Annexure 1](#)

10. No. of IQAC meetings held during the year: Two

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website

Yes, <https://ssit.edu.in/iqac-meetings.html>

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

If yes, mention the amount: ---

Year: ---

12. Significant contributions made by IQAC during the current year (maximum five bullets)

* As a part of ensuring quality in maintenance of academic and personal records by each and every faculty of college with respect to courses taught by them, an internal audit was conducted during December 2019 by using the services of senior level faculty of the college. This helped the heads of the department to a larger extent to maintain all the relevant records as expected by the visiting expert committees and in line with the set up standards. It also helped the college administration to ensure smooth operation and running of the academic processes and activities across all the departments of the college.

* Subsequently during June 2020, the second internal audit has been conducted with respect to question papers used in internal and external examination of odd semester 2019-20. Separate committee was setup to visit every department in this connection. The report has been submitted by all the concern in respect to audit carried out. The report consists of the audit information with respect to the quality of the questions, given scheme and solutions prepared, evaluations made, etc. It also dealt with various issues such as weightage of marks given, coverage of the syllabus in the uniform way, choice given in the question papers, etc.

* In order to inculcate quality in Teaching-Learning and Research & Development, IQAC has organized several workshops on quality aspects such as Quality Assurance, Professional Ethics, Social Concern in Engineering Domain, Pedagogical skills, Induction training programs, etc.

* The IQAC has also organized a series of extramural lectures on recent technology trends, challenges and career opportunities for the benefit of students and faculty.

* Two UG programmes - Civil Engineering and Electrical & Electronics Engineering were accredited by NBA for 6 years.

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

Plan of Action	Achievements/Outcomes
<ul style="list-style-type: none"> • To organize workshops on quality aspects • To organize a series of extramural lectures • To apply for accreditation of UG Programs. • To participate in NIRF • To submit institutional data for AISHE 	<ul style="list-style-type: none"> • IQAC has organized several workshops on quality aspects such as Quality Assurance, Professional Ethics, Social Concern in Engineering Domain, Pedagogical skills, Induction training programs, etc. • Organized a series of extramural lectures on recent technology trends, challenges and career opportunities for the benefit of students and faculty. • Two UG programmes - Civil Engineering and Electrical & Electronics Engineering were accredited by NBA for 6 years. • Participated in NIRF • Submitted institutional data for AISHE on 15-05-2020

<ul style="list-style-type: none"> • To conduct audit on academics, examination and supporting units like library. • Improve the number of MoUs with Industries. • To organize Student Induction Program (SIP) 	<ul style="list-style-type: none"> • Audits on academics, examination and Library were conducted. • 28 MoUs were signed both at the Institution and department levels for the benefit of the students in terms of Internships, Placements, Industry Visits etc. • Student Induction Program (SIP) was organized by the Institution Induction Program Cell (IIPC) adhering to the AICTE guidelines for the first year UG students during August 2019.
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14. Whether the AQAR was placed before statutory body? Yes

Name of the statutory body: Governing Council, SSAHE Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

No

Date:---

16. Whether institutional data submitted to AISHE: Yes Year:

2020 Date of Submission: 15-05-2020

17. Does the Institution have Management Information System?

Yes

If yes, give a brief description and a list of modules currently operational.
(Maximum 500 words)

There is an online dedicated Student Information System (SIS), “Gurukul”, catering to creation of database of students in respect of admissions, fee paid, academics and examinations. It is serving as a secured platform to prepare marks cards and certificates as required. Access has been provided to all the stakeholders including parents. Feedback system and OBE analysis has been inbuilt in this software.

Highlights of the SIS

- Comprehensive online student information (both academic and non-academic) to monitor the progress of the students.
- Keep track of academic activities of staff.
- Student counselling/mentoring.
- Facilities for the parent to track the progress of their wards.
- Access to portal from any device, anytime and from anywhere.
- Online Feedback system
- Dashboards for Management, Principal, HoDs to monitor various activities of college and departments.
- Student academic management – Registration, Attendance and Internal marks
- SMS and email notification on missed classes.

- Coded Examination system and various reports as per requirement.
- Role based menu driven rights.

The SIS has several modules ranging from admission to examination and publishing results and printing of all statutory reports for various university and accreditation needs:

List of modules:

1. Student Enrolment
2. Course Management
3. Subject Management
4. Time Table Management
5. Attendance management
6. CIE Management
7. Student monitoring / Counselling
8. Pre Examination, Examination, Bundling, Valuation, Post examination process management

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	Dates of revision	
Computer Science and Engineering	UG-CS	30 th June 2019	
Computer Science and Engineering	PG-CSE	30 th June 2019	
Civil Engineering	UG-CV	30 th June 2019	
Computer Aided Design of Structures	PG-CAD	30 th June 2019	
Electrical & Electronics Engineering	UG-EE	30 th June 2019	
Computer Applications in Industrial Drives	PG-CAI	30 th June 2019	
Electronics & Communication Engineering	UG-EC	30 th June 2019	
Digital Electronics	PG-DEL	30 th June 2019	
VLSI & Embedded Systems	PG-VES	30 th June 2019	
Information Science and Engineering	UG-IS	30 th June 2019	
Industrial Engineering & Management	UG-IM	30 th June 2019	
Mechanical Engineering	UG-ME	30 th June 2019	
Thermal Power Engineering	PG-TPE	30 th June 2019	
Product Design and Manufacturing	PG-PDM	30 th June 2019	
Telecommunication Engineering	UG-TE	30 th June 2019	
Medical Electronics	UG-ML	30 th June 2019	
Master of Computer Applications	PG-MCA	30 th June 2019	
1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year			
Programme with Code	Date of Introduction	Course with Code	Date of Introduction
-	-	Quantitative aptitude and life skills :18SK301	1 st August, 2018
-	-	Reasoning ability and career skills: 18SK401	1 st August, 2018
-	-	Communication skills and professional ethics: 18SK501	1 st August, 2019
-	-	Employability skills and professional development of engineers:18SK601	1 st August, 2019
-	-	Operation research: ME6OE611	1 st August, 2019
-	-	Management and Entrepreneurship:CE5T01	1 st August, 2019
-	-	Management and Entrepreneurship:TC6T04	1 st August, 2019
-	-	Industrial Management, Electrical Estimation and Economics:EE8T02	1 st August, 2019
-	-	Business Management for Entrepreneurs:EC8T02	1 st August, 2019
-	-	Innovation and IPR:EC8PE54	1 st August, 2019

1.2 Academic Flexibility					
1.2.1 New programmes/courses introduced during the Academic year					
Programme/Course			Date of introduction		
-			-		
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
UG-Computer Science and Engineering	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Civil Engineering	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Electrical & Electronics Engineering	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Electronics & Communication Engineering	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Information Science and Engineering	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Industrial Engineering & Management	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Mechanical Engineering	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Telecommunication Engineering	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
UG-Medical Electronics	√		CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
PG-Computer Science and Engineering		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
PG-Computer Aided Design of Structures		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007	√	
PG-Computer Applications in Industrial Drives		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007		√
PG-Digital Electronics		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007		√

PG-VLSI & Embedded Systems		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007		√
PG-Thermal Power Engineering		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007		√
PG-Product Design and Manufacturing		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007		√
PG-Master of Computer Applications		√	CBCS: 1 st August 2018 Elective Course System:1 st August 2007		√
Already adopted (mention the year): CBCS-1 st August 2018, Elective Course System:1 st August 2007					
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	
Electric Vehicle Design VAC/19-20/EE/1		February, 2020		61	
Machine Learning using Python VAC/19-20/EC/1		January, 2020		118	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title			No. of students enrolled for Field Projects / Internships		
Student Internships			216		
1.4 Feedback System					
1.4.1 Whether structured feedback received from all the stakeholders.					
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents	
Yes	Yes	Yes	Yes	Yes	
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)					
<p>The institution has a structured feedback mechanism to collect and analyze stakeholders' feedback on curriculum. Under the guidance and supervision of Principal, Dean (Academics), IQAC and Curriculum Development Cell, each department periodically collects and analyzes the curriculum feedback from stakeholders like Students, Teachers, Alumni and Parents. The Placement office collects curriculum feedback from the Employers. The feedback templates and the procedure adopted to analyze the feedback remains uniform across the departments. The curriculum feedback from various stakeholders is analyzed and the analysis reports are submitted to the Curriculum Development Cell. The feedback analysis reports are considered as major inputs by the BoS while improving the curriculum offered by the Institution on par with the national and international technological changes.</p>					

CRITERION II -TEACHING -LEARNING AND EVALUATION					
2.1 Student Enrolment and Profile					
2.1. 1 Demand Ratio during the year					
Name of the Programme	Number of seats available	Number of applications Received		Students Enrolled	
-	-	-		-	
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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
	2463	55	145	14	7
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 (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
166	166	Wi-Fi enabled Campus. High speed fiber optic broadband lease line of 250 Mbps bandwidth. Digital Library: Access to 3000hrs of video lectures, NPTEL videos, e_Books, N List, DELNET Database, IEEE digital library, ASME Journals connect, ASCE digital library	24	6	NPTEL lectures, SWAYAM, MOOC courses, Online assignments through Google Class room, Online Classes through Google meet, Surprise tests through Google forms, Youtube links of prerecorded videos.
2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)					
<p>Student Mentoring, Guidance and Counseling is done by the faculty members fortnightly and guidance is given to improve their academic performance. Each student is assigned a mentor who maintains all the records related to the student's progress. If a student fails in a particular course he will keep track of the number of attempts students make before he passes that subject. Maximum of 5 attempts will be given for any subject. Facility is also available to keep track of the student progress through online mode. All the information of the student is stored in the database. At the end of each examination a report is taken which shows the number of subjects student failed and number of attempts he made as on that examination. This process is continued till the completion of their degree. Expert level counseling is arranged in valid cases and on prior request. Parents are well informed about the academic progress of their wards. Important</p>					

student issues are reported to Dean Office. Remedial classes for the slow learners are conducted. Student progression is regularly monitored and efforts are made to reduce dropout rate and increase pass percentage.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2518	166	1:17 (2518/148)

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	166	-	16	66

2.4.2 Honours and recognitions 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
2019-20	Dr. Sunil K	Associate Professor	Editorial Board Member, International journal of Modern Chemistry
2019-20	Dr. Vinutha C B	Assistant Professor	Reviewer, IEEE Transactions on Communications.
2019-20	Dr.H.V.Jayaprakash	Assistant Professor	Innovative Researcher & Dedicated Academician Award-2020, The Society of innovative Educationalist & Scientific Research Professional. Accredited with Innovative Scientific Research Professional, Chennai
2019-20	Prof. Naveen Kumar A N	Associate Professor	Technical Presentation, Java Servlets, Arya Bharathi Polytechnic, Tumkur.
2019-20	Prof. Sushma M	Assistant Professor	Guest Lecture, Concept of FlipFlop and its applications, Sheshadripuram Degree College, Tumkur.
2019-20	Prof. Prasanna Kumar M	Assistant Professor	Guest Lecture, Trends and opportunities in IoT through Video conferencing , CIT, Gubbi.
2019-20	Dr. Srinidhi G A	Assistant Professor	Resource Person at MITE, Moodbidre
2019-20	Prof. Jeevith	Assistant Professor	Guest Lecture, Digital System Design using FPGA, SSFGC, Tumkur

2019-20	Dr. C D Guruprakash	Professor	Member of BOS, Dept. of ISE, PESCE, Mandya
2019-20	Prof. Dinesha L	Assistant Professor	Resource Person, Workshop on C Programming, Seshadripuram Degree College, Tumkur.
2019-20	Dr. Lakshminarasimhan	Professor	Advisory Panel Member, Recent Trends in Industrial Renovation, Value Engg., & Management Sciences @ DSCE, Bangalore
2019-20	Dr. Lakshminarasimhan	Professor	BOS Member, Dr. AIT, Bangalore
2019-20	Dr. L Sanjeev Kumar	Professor	Resource Person, FDP, Decoding examination during and after Covid-19.
2019-20	Dr. L Sanjeev Kumar	Professor	Technical Talk on Creativity and Innovation for Post Engineering as Entrepreneurs.
2019-20	Dr. L Sanjeev Kumar	Professor	Team Expert, R&D facilities of industries-DSIR
2019-20	Prof. Yogananda B S	Assistant Professor	Guest Lecture on Application of Electrical Engg. At Siddaganga Polytechnic, Tumkur
2019-20	Prof. Yogananda B S	Assistant Professor	Expert Lecture on Analog Electronic Circuits at Cambridge Inst. of Technology, Bangalore
2019-20	Dr. Lakshminarasimhan	Professor	Academic Audit Member, IQAC, SIT, Tumkur
2019-20	Roopa M	Assistant Professor	KSCST Sponsored Award, GoK
2019-20	G D Shivaraju	Assistant Professor	KSCST Sponsored Award, GoK
2019-20	Mr. Narahari B S	Instructor	Special Lecture on Computer Basics for I year MS Communication and MSc. Electronic Media Students, SSCMS, Tumkur.

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
Bachelor of Engineering	BE	Odd semester 2019-20	26.12.2019	01.01.2020
Master of Technology	M.Tech.	Odd semester 2019-20	08.01.2020	10.01.2020
Master of Computer Applications	MCA	Odd semester 2019-20	08.01.2020	10.01.2020
Bachelor of Engineering	BE	Even semester 2019-20	30.07.2020	08.08.2020
Master of Technology	M.Tech.	Even semester 2019-20	30.07.2020	08.08.2020
Master of Computer Applications	MCA	Even semester 2019-20	30.07.2020	08.08.2020
2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year				
<i>*Do not include re-evaluation/ re-totalling</i>				
Number of complaints or grievances about evaluation		Total number of students appeared in the examination		Percentage
04		4686		0.08%
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 http://www.ssit.edu.in				
2.6.2 Pass percentage of students				
Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
Bachelor of Engineering	BE	582	565	97%
Master of Technology & Master of Computer Applications	M.Tech. & MCA	41	41	100%
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)				

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 Promotion of Research and Facilities**

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

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Hemanth Kumar	Workshop	2019	SSIT
National	Bhaskar H B	Workshop	2019	SSIT
National	Ravindrasagar C S	Workshop	2019	SSIT
International	Harish S	International Conference	2019	SSIT
International	Sushma prashanth	International Conference	2019	SSIT

3.1.2 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of fellowship	Funding agency
Abhishek S N Full Time Research Scholar	3 years	SSAHE
Badrinarayana Full Time Research Scholar	3 years	Government of Karnataka

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
Major projects	2 years	VGST, GoK	40 Lakhs	20 Lakhs
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored Projects	-	-	-	-
Projects sponsored by the University	-	-	-	-
Students Research Projects (other than compulsory by the University)	-	-	-	-
International Projects	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

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(s)	
Quality Assurance, Professional Ethics and Social Concern in Engineering Domain	IQAC		31/10/2019	
Engineering Career	IQAC		09/01/2020	
IT Industry 2020: Technology Trends, Challenges and Opportunities	IQAC		07/03/2020	
Idea converted into Product development and Project Management	EEE		17/08/2019 to 18/08/2019	
Industry orientation to staff	EEE		10/10/2019	
Industry Institute Interaction	EEE		02/11/2019	
Switchgear & Protection	EEE		07/02/2020 to 08/02/2020	
CADD Drawing Program	EEE		29/02/2020	
Preran – Success Mantra for Young Minds	EEE		29/02/2020	
3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Adarsha Vidya SaraswatiRashtriya Puraskar National Award of Excellence-2019	Dr.H.V.Jayaprakash	Glacier Journal Research Foundation Global Management Council, Ahmedabad	22/12/2019	Research
Innovative Researcher & Dedicated Academician Award-2020	Dr.H.V.Jayaprakash	The Society of innovative Educationalist & Scientific Research Professional. Accredited with Innovative Scientific Research Professional, Chennai	26/07/2020	Research and Teaching
Second position in “Design your Destiny” 2019 Academic Project Competition	EEE Students	CADD Center	2019	Students
3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name		Sponsored by	
-	-		-	

Name of the Start-up	Nature of Start-up	Date of commencement
Aniworks Innovations Pvt. Ltd. Tumkur.	Consumer Product Domain	06/03/2020
Nexbee, Bangalore	Product based	11/07/2019

3.4 Research Publications and Awards

3.4.1 Ph. Ds awarded during the year

Name of the Department	No. of Ph.Ds Awarded
Civil Engineering	1
Physics	1
Chemistry	1
Mathematics	3
CSE	6
ECE	2
ML	2
Mechanical	6
TCE	2
MCA	1

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

	Department	No. of Publication	Average Impact Factor, if any
National	-	-	-
International	Engineering and Basic Sciences	88 (Scopus-54, Web of Science-22, UGC CARE-12)	-

3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
Engineering and Basic Sciences	18

3.4.4 Patents published/awarded during the year

Patent Details	Patent status Published/Filed	Patent Number	Date of Award
Piston for creating turbulence in a combustion chamber	Published	Patent Number: 319188 Application No: 751/CHE/2010	18-12-2019

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 the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
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Optical transition probabilities of white light emitting Sr₂SiO₄:Dy³⁺ nanophosphors for lighting applications using Judd-Ofelt analysis. https://doi.org/10.1016/j.jlumin.2019.03.054	C. Manjunath	Journal of Luminescence.	2019	5	Sri Siddhartha Institute of Technology	0
Synthesis and photoluminescence properties of Sm ³⁺ doped LaOCl phosphor with reddish orange emission and its Judd-Ofelt analysis. https://iopscience.iop.org/article/10.1088/2053-1591/ab57a6/meta	C. Manjunath	Material Research Express	2020	0	Sri Siddhartha Institute of Technology	0
Thermoluminescence glow curve analysis of gamma irradiated Sr ₂ SiO ₄ :Dy ³⁺	C. Manjunath	Physica B	2020	0	Sri Siddhartha Institute of Technology	0

nanophosphor https://doi.org/10.1016/j.physb.2020.412113						
Hybrid Cross Layer Mechanism for high reliability in underwater wireless sensor networks	Dr. M. Siddappa	Proc. in First IEEE International Conference on Advances in Information Technology- Chickmagalur	2019	0	SSIT, Tumkur	0
Hybrid Cross Layer Fault Resilient Energy Efficient Data Transmission for Underwater Acoustics Sensor Networks	Dr. M. Siddappa	International Journal of Innovative Technology and Exploring Engineering – IJITEE	2019	0	SSIT, Tumkur	0
Service Differentiated QoS Guaranteed Cross Layer Solution for Underwater Acoustics Sensor Networks (SD-QCLS)	Dr. M. Siddappa	International Journal of Recent Technology and Engineering- IJRTE	2019	0	SSIT, Tumkur	0
Low Complexity Secure Steganography system using bilinear interpolation and LSB”	Dr. Savita D Torvi, Dr. K B ShivaKumar	International Journal of Recent Technology and Engineering (IJRTE)	2019	1	SSIT, Tumkur	0

3.4.6 h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self-citations	Institutional affiliation as mentioned in the publication
Optical transition probabilities of white light emitting Sr₂SiO₄:Dy³⁺ nanophosphors for lighting applications using Judd-Ofelt analysis. https://doi.org/10.1016/j.jlumin.2019.03.054	C. Manjunath	Journal of Luminescence.	2019	5	3	SSIT
Synthesis and photoluminescence properties of Sm³⁺ doped LaOCl phosphor with reddish orange emission and its Judd-Ofelt analysis. https://iopscience.iop.org	C. Manjunath	Material Research Express	2020	6		SSIT

/article/10.1088/2053-1591/ab57a6/meta						
Thermoluminescence glow curve analysis of gamma irradiated Sr2SiO4: Dy3+ nanophosphor https://doi.org/10.1016/j.physb.2020.412113	C. Manjunath	Physica B	`2020	6		SSIT
Automatic recognition of cognitive states using multimodal approaches in e-learning environments	Dr. M. Siddappa	International Journal of Applied Engineering Research	2019		1	SSIT
Identification of plant leaf disease using machine learning techniques	Dr. M. Siddappa	International Journal of Recent Technology and Engineering	2019			SSIT

Multi Path Routing in Load Balanced Energy Enhanced Bee-AdHoc-C MANETs	Dr. M. Siddappa	Lecture Notes on Data Engineering and Communications Technologies	2019			SSIT
Hybrid Cross Layer Fault Resilient Energy Efficient Data Transmission for Underwater Acoustics Sensor Networks	Dr. M. Siddappa	International Journal of Innovative Technology and Exploring Engineering - IJITEE	2019			SSIT
Service Differentiated QoS Guaranteed Cross Layer Solution for Underwater Acoustics Sensor Networks (SD-QCLS)	Dr. M. Siddappa	International Journal of Recent Technology and Engineering - IJRTE	2019			SSIT
Binomial Tree Based Key Establishment Schemes for Heterogeneous	Annapurna, H.S. Siddappa, M.	International Journal of Engineering & Technology Innovation	2019	1		SSIT

Wireless Sensor Networks						
Classification of glaucoma using simplified-multiclass support vector machine	S Renukalatha	World Scientific	2019		3	SSIT
Trust correlation of mobile agent nodes with a regular node in an Adhoc network using decision-making strategy	Chethan B K,	International Journal of Electrical and Computer Engineering (IJECE)	2020			SSIT
Novel Framework using Dynamic Passphrase towards Secure and Energy-Efficient Communication in MANET	Dr. M Siddappa	International Journal of Electrical and Computer Engineering (IJECE)	2020	6		SSIT
A Novel Distributed Multimodality Interaction Framework for Augmen	Dr. K B ShivaKumar	Journal of Innovation in Computer Science and Engineering 9 (1), 40-47	2019		26	SSIT

ted Reality Objects Using Internet of Things						
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3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	-	140	-	-
Presented papers	18	-	-	-
Resource Persons	-	-	4	-

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering Department	Third Party Inspection Charges	Government of Karnataka (GoK)	13.2 Lakhs

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

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
-	-	-	-	-

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 coordinated in such activities	Number of students participated in such activities
EBSB-2019, Toranagallu, Bellary.	NCC	-	1
Army Attachment camp(ATC-19) held at Secunderabad, AP.	NCC	-	5
Basic Leadership Camp at Mysore	NCC	-	1
Combined Annual Training Camp at Tumkur	NCC	1	15
Basic Leadership Camp at Hubballi	NCC	-	1
Combined Annual Training Camp(CATC) held at Bangalore	NCC	-	2

Combined Annual Training Camp,at NCC Bn,S.S.Circle,Tumkur.	NCC	1	15
Hospital attachment Training camp at Bangalore	NCC	-	2
Army Attachment camp(ATC-19) held at EME Center (Secunderabad),AP.	NCC	-	5
Observance of Martyrs' Day	NCC	1	4
National Integration Camp	NSS	25	30
Lake rejuvenation (Heggere and Kumkumanahalli lakes, Tumkur Taluk)	NSS	5	12
Electrical, Electronic components and computer parts awareness programme at Govt High School, Godrahalli (Koratagere Taluk)	NSS	4	3
Electrical, Electronic components and computer parts awareness programme at Govt High School, Karadigere Kaval (Tumkur Taluk)	NSS	4	3
International Yoga Day celebration	NSS	50	700
Electrical, Electronic components and computer parts awareness programme at Govt High School, Akkirampura (Koratagere Taluk)	NSS	4	3
Electrical, Electronic components and computer parts awareness programme at Sri Siddhartha Rural Govt aided High School, Surugenahalli (Gubbi Taluk)	NSS	4	3
Electrical, Electronic components and computer parts awareness programme at Govt High School, Jakkenahalli (Koratagere Taluk)	NSS	4	3
Observance of Swachhta Pakhwada	NSS	5	85
Green Day Celebration (planting of tree saplings by first year NSS Volunteers of SSIT)	NSS	55	500
Swachha Bharat Abhiyan at Sri Adishakthi Maamma	NSS	5	83

Temple, Hethenahalli, (Tumkur Taluk)			
Fit India Movement – Trekking to Swadenahalli Hill	NSS	5	87
NSS Golden Jubilee Celebrations	NSS	35	160
National Unity Day Celebrations	NSS	150	2355
In association with Honda Motorcycle and Scooter India Pvt. Ltd.(HMSI) road safety awareness program	NSS	15	370
Celebration of Indian Constitution Day	NSS	143	2267
In association with Karnataka Renewable Energy Development Limited celebration of National Energy Conservation Day 2019	NSS	45	260
Electrical, Electronic components and computer parts awareness programme at Govt High School, Lakkenahalli (Gubbi Taluk)	NSS	4	3
Electrical, Electronic components and computer parts awareness programme at Govt High School, Jetti agrahara (Koratagere Taluk)	NSS	4	3
Fit India Movement – Trekking to Devarahosahalli Hill	NSS	6	88
Celebration of National Youth Day- Talk on Swami Vivekananda	NSS	10	120
Fit India Movement – Trekking to Basadi Hill	NSS	6	86
Observance of Swachhta Pakhwada	NSS	7	89
Fit India Movement – Trekking to Swadenahalli Hill	NSS	6	82
Talk on ethical education and moral values by Sri Shanthananda theertha Swamiji, Tapovana Trust,Hospet-583201	NSS	11	130
Celebration on International Women’s Day-Street play on Women empowerment, gender equality and domestic violence, Halanur (Tumkur Taluk)	NSS	6	87

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	No. of Students Benefited	
-	-	-	-	
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 coordinated in such activities	Number of students participated in such activities
NSS	NSS-SSIT	Observance of Swachhta Pakhwada	7	89
NSS	NSS-SSIT	Green Day Celebration (planting of tree saplings by first year NSS Volunteers of SSIT)	55	500
NSS	NSS-SSIT	Swachha Bharat Abhiyan at Sri Adishakthi Maaramma Temple, Hethenahalli, (Tumkur Taluk)	5	83
NSS	NSS-SSIT	Fit India Movement – Trekking to Swadenahalli Hill	5	87
NSS	NSS-SSIT	National Unity Day Celebrations	150	2355
NSS	NSS-SSIT and Honda Motorcycle and Scooter India Pvt. Ltd.(HMSI)	Road safety awareness program	15	370
NSS	NSS-SSIT	Celebration of Indian Constitution Day	143	2267
NSS	NSS-SSIT and Karnataka Renewable Energy Development Limited celebration	National Energy Conservation Day 2019	45	266
NSS	NSS-SSIT	Celebration of National Youth Day	10	120
NSS	NSS-SSIT	Observance of Mask Day	270	2000
NSS	NSS-SSIT	International Yoga Day celebration	12	25

NSS	NSS-SSIT	International Day against Drug Abuse and Illicit Trafficking	5	1000
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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
-	-	-	-

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-To)	Participant
Industry Project	“Implementation of health review monitoring system “	White apron Health Station (P) LTD BANAGLORE-560011	07.02.2020 to 08.07.2020	SHALINI B.S. (16CS094) DIVYA.B.D. (16CS125) SHALINI .C.P. (16CS095) RAMYABHAT.M.(16CS131)
Industry Project	Design and Optimization of ROVER’S Rocker - bogie Mechanism for Surveillance	BHEL, Bangalore	Feb 2020 to June 2020	Suguna D(17EC420), Vidya R(17ec422), Liduy Amruth (17EC406)
Industry Project	Electric booth using Image processing and Embedded system	BHEL, Bangalore	Feb 2020 to June 2020	Rekha S(16EC075), Sowmya Goudar(16EC097)
Industry Project	A smart bus tracking system based on Location aware services and QR code	Technologies global private Ltd., Bangalore	Feb 2020 to June 2020	Smitha Ramesh(16EC096), Srilakshmi M(16EC102)
Industry Project	Automatic monitoring of irrigation system using multiple senses	BDGtronix, Bommanahalli, Bangalore	Feb 2020 to June 2020	Sanjee Sumanth KR(16EC083)
Industry Project	Electricity generating tile using Piezo electric effect	BSNL DTTC, Bangalore	Feb 2020 to June 2020	Chethan HR(16EC019)
Industry Project	Blood bank management system, Pharmacy management system	Whiteapron Health station PVT Ltd. Bangalore	07.02.2020 to 08.07.2020	Naveen Bharadwaj H M(16EC053)
Industry Project	Hybrid Inventory Control Systems	Eicher Service Center, Gubbi Gate, Tumkur	02/01/2020 to 28/04/2020	Hemnathkumar.S.K (15IM005) SyedM.Ahamhed (17IM403) Vishwal.I.T(17IM404)
Industry Project	Quality management in the dairy Industry	KMF Limited, Mallasandra, Tumkur	03/01/2020 to 25/04/2020	Pallvi.H.S (15IM008) Vishalakshi.M(16IM041) Dileepkumar.T.E (17IM401)
Industry Project	Capacity Study and Layout Design of	Texport Industries Private Limited,Nelamangala, Bangalore	06/01/2020 to 28/04/2020	Sindu.A.S (15IM012) Nameera Taj (16IM006)

	Sewing Section in Textile Industry	District		Pavan R Gurjar(16IM008) Sanjan.R (16IM010)
Industry Project	Analysis of Spring Manufacturing	Kern Libers ,Tumkur	03/01/2020 to 22/04/2020	Sahaschandra.C(15IM014) Afsan Taj(16IM001) Archana T.M(16IM002) Mahantesh Avari(16IM004)
Industry Project	Vendor Evaluation and Rating	KMF Cattle Feeds Limited, Gubbi	02/01/2020 to 24/04/2020	Vinayaka Jagalur (15IM016) Nikhil.P.L(16IM401) Mallik Prasad.K.N (17IM402)
Industry Project	A Prediction Approach for Stock Market volatility based on Time Series Data	Pyspider Basavanagudi Bangalore	Feb 2020 to June 2020	Anusha D.K 17MCA01
Industry Project	Online ADMM-based Extreme Learning Machine for Sparse Supervised Learning	Pyspider Basavanagudi Bangalore	Feb 2020 to June 2020	Lavanya B 17MCA03
Industry Project	Sequential Summarization a Full view of Twitter Trending Topics	Pyspider Basavanagudi Bangalore	Feb 2020 to June 2020	Sanjay R 17MCA05
Industry Project	Privacy-preserving Social Media data publishing for personalized Ranking-Based Recommendation	Pyspider Basavanagudi Bangalore	Feb 2020 to June 2020	Shivaraj Kumar V 17MCA06
Industry Project	Machine Learning Approach for fall detection and daily living activity recognition	Pyspider Basavanagudi Bangalore	Feb 2020 to June 2020	Sreenivasa Reddy P 17MCA07
Industry Project	Restaurant Application based on online food ordering	Pietech Solution Bangalore	Feb 2020 to June 2020	Sunil Kumar 17MCA08
Industry Project	Smart Clean	Colegure solutions pvt ltd Bangalore	Feb 2020 to June 2020	Varsha U V 17MCA09
Industry Project	OFS-NN an effective phishing websites Detection Model based on Optimal Feature selection and Neural Network	Pyspider Basavanagudi Bangalore	Feb 2020 to June 2020	Lavanya H.R 18MCA400
Industry Project	Toward end-to-end car license plate detection and recognition with deep neural networks	Pyspider Basavanagudi Bangalore	Feb 2020 to June 2020	Sushmitha N 18MCA402

3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Engineers Association, Tumkur	Oct 2019-Sep 2024	Internship, Training & Knowledge Transfer	-
Prayojana Construction Management Training Institute, Bangluru	Oct 2019- Sep 2022	Internship, Training & Knowledge Transfer	-
Prakurthi Institute of Environment Studies	Nov 2019-Nov 2024	Internship, Training & Knowledge Transfer	-
Lawrence and Mayo, Bengaluru	Nov2019-Nov2022	Internship, Training & Knowledge Transfer	-
Tech Fortune Technologies, Bengaluru	March 2020-March 2023	Internship, Training & Knowledge Transfer	-
Eflowgurukul Solutions Pvt Ltd, Bengaluru	04-10-2019 to 03-10-2024	Internship, Placement & Knowledge Transfer	-
Samartha Infosolutions pvt ltd, Bengaluru	30-10-2019 to 29-10-2024	Internship, Training & Knowledge Transfer	-
Reverse Engineering Bengaluru and Department of Telecommunication Engg.	13th September 2019 – 12th September 2024	orientation	55
STARTUP BASKET Bengaluru and Department of Telecommunication Engg.	25th September 2019 – 24th September 2024	orientation	98
Acculi Labs Pvt. Ltd. Bengaluru and Department of Telecommunication Engg.	25th September 2019 – 24th September 2024	orientation	43
Atal Incubation Center, Jyothy Institute of Technology	8th December 2019 - 7th December 2024	orientation	43
Parken Solution Pvt.Ltd	Dec 2019 to Dec 2024	Internship to the final year students	12
WhiteApron Health Station Pvt. Ltd.	01/10/2019-30/09/2024	Year wise Internship program	4
Aniworks Innovations Pvt. Ltd. Tumkur.	06/03/2020-05/03/2025	Internship	6
Universal Power Controls (DBSONS), Tumakuru	2018-2023	Internship, Placement & Knowledge Transfer	-
SRN Enterprises, Tumakuru	2019-2024	Internship, Placement & Knowledge Transfer	-
Kamath Transformers Private Limited, Bengaluru	2019-2024	Internship, Placement & Knowledge Transfer	-
High Voltage (India) Private Limited, Bengaluru	2020-2025	Internship, Placement & Knowledge Transfer	-
Prolific Systems & Technology Private Limited. Bengaluru	2017-2020	Internship, Placement & Knowledge Transfer	-
Electrono Solutions Private Limited, Bengaluru	2019-2024	Internship, Placement & Knowledge Transfer	-
CADD Centre, Tumakuru	2020-2024	Internship, Placement & Knowledge Transfer	-
Cadception Techniserve, Bengaluru.	2020-2024	Internship, Placement & Knowledge Transfer	-

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			
531.09 Lakhs			98.14 Lakhs			
4.1.2 Details of augmentation in infrastructure facilities during the year						
Facilities	Existing		Newly added			
Campus area	45 Acres		-			
Class rooms	53		-			
Laboratories	54		-			
Seminar Halls	01		-			
Classrooms with LCD facilities	26		-			
Classrooms with Wi-Fi/ LAN	26		-			
Seminar halls with ICT facilities	01		-			
Video Centre	01					
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	04		03			
Value of the equipment purchased during the year (Rs. in Lakhs)	106.53lakhs		13.88 lakhs			
Others	66 lakhs		-			
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	
NewGenLib	Fully		Commercial Version 3.1.5		1998	
4.2.1 Library Services:						
	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	88733	60,32,574.00	2519	15,38,117.00	91252	75,70,691.00
Reference Books	6603	20,38,370.00	18	9000.00	6621	20,47,370.00
e-Books	126101	UGC/Infonet membership				31,35000
Journals	216	7,02,339.00	78	97,625.00	294	7,99,964.00
e-Journals	6524	23,08,193.00		11,63,950.00	6524	3472143
Digital Database	3	4,09,820.00	3	11,63,950.00	6	15,73,770.00
CD & Video	46	49,725.00	14	15,321.00	60	65,046.00
sLibrary automation	-	-	-	-	-	<u>NewGenLib Library Management Software (Version 3.1.5)</u>
Weeding (Hard & Soft)	12213	-	3218	-	15431	
Others (specify)	-	-	-	-	-	-

4.2.2 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
-	-	-	-

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MBPS)	Others
Existing	950	20	Telex Air 154 Mbps Lease Line Internet	01	01	02	13	157Mbps	-
Added	100	-	Goofi Networks Private Limited 250 Mbps Lease Line Internet	-	01	-	-	250 Mbps	-
Total	1050	20	Goofi Networks Private Limited 250 Mbps Lease Line Internet	01	02	02	13	250 Mbps	-

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

250 Mbps

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
The Institute campus has Media center with modern television studio which enables the students and faculty to develop useful teaching and learning resources.	www.siddharthamedia.edu.in

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
351.66 Lakhs	185.26 Lakhs	580.94 Lakhs	256.98 Lakhs

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 institutional Website , provide link)

There is an exclusive **Estate Office** headed by an **Estate Officer** of the University, of the rank of a Professor. This office takes care of all the repair and maintenance of physical and academic support facilities, through the various sub teams as listed below:

- 1. Generator Maintenance:** The generator is periodically fuelled and maintained with a log book. Servicing is done through authorised service centers as and when deemed necessary.
- 2. Electrical Maintenance :** Institute has a huge requirement of electricity for hostels, canteen, laboratories etc., and the institute is having 2 HT stations to cater the above needs. An inhouse maintenance team looks after the maintenance of electrical services.
- 3. Air conditioning Maintenance;** The institute possess air conditioned system for computer laboratories, seminar halls and administrative wings. Periodical maintenance is done through annual maintenance contracts (AMC)
- 4. Vehicle maintenance:** vehicles are maintained periodically and log book is maintained for each vehicle. A well-qualified mechanical /automobile engineer (faculty of Mechanical) is looking after vehicle maintenance under estate office.
- 5. Garden maintenance:** Institute is having a very rich lush green garden maintained by inhouse team. The garden is maintained by a qualified horticultural assistant under estate office.
- 6. Laboratory Maintenance:** The laboratory maintenance is done by respective departments under the guidance of HoD, supervision is done by in charge faculty and staff. Laboratory Facilities are utilized as per curriculum, requirements and for R&D and consultancy activities.
- 7. Sports facilities:** Institute is having both indoor and outdoor games facilities and Gym, these facilities are maintained by Physical Education Director. The above facilities are utilized by both students and staff.
- 8. Computer and internet facilities:** The computer maintenance and internet maintenance is done by an in-house team (Qualified system Analyst) and all the computing facilities are covered under AMC.
- 9. Classrooms and Seminar Halls:** The classrooms and seminar halls are maintained by in-house housekeeping system.
- 10. Basic Amenities Maintenance:** The basic amenities such as RO water for drinking, maintenance of washrooms, security personnel, canteen and cafeteria, cooperative society, laundry, guest house, etc; are maintained by the Estate Office on regular basis.

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. H M G Fee Waiver Scheme for Meritorious Students	25	18,00,000
Financial support from other sources			
a) National	BCM/TSW / Prime Minister special scholarship / Jindal Trust	1743 +19+25 = 1787	4,38,90,995 + 8,69,100+18,00,000 = 4,65,60,095
b) International	-	--	-
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
Soft skills development - Training program for Pre-final year students about Aptitude, Soft Skills, Language & Technical Skills	2019-20	72	10 Seconds , #1032 4th M Block Opposite golden heights mall, Rajajinagar, Bengaluru -560010
Soft skills development - Workshop for Microsoft Certification for 4th& 6th Semester Students	2019	138	ATS Infotech Pvt. Ltd. L-107, 1st and 3 rd Floor, Lajpat Nagar Part -II, New Delhi- 110024
Human value development Personality and professional development -One day workshop on Quality assurance, Professional Ethics and Social concern in Engineering Domain	2019	124	Prof. M A Lakshmithathachar Rashtrapatti Awardee Dean and Chairman of Research, Sri Ramanuja Vidyalaya Pratisthan, Melukote, Karnataka
Personality and professional development-(TCE)	2019	98	STARTUP BASKET, Bengaluru
Personality and professional development-(TCE)	2019	55	RevENGG. Bengaluru
Employability skills development -Employability skill development (TCE)	2019	43	Acculi Labs Pvt. Ltd, Bengaluru
Employability skills development -Employability skill development (TCE)	2019	43	Atal Incubation Center Jyothi Institute of Technology Bengaluru

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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2019-20	Dr. HMG	120	502	01	01

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	No. of grievances redressed	Average number of days for grievance redressal
06	04	20

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
TCS	145	10			
ELEATION	80	09			
XCD People's	15	01			
Speridian	15	01			
Thought Focus	43	04			
Gliders.ai	42	04			
NTT Data	85	10			
SCII	45	04			
Creators Technology	123	24			
Zenopsys	130	22			
Jaro Education	13	01			
Accord	89	03			
KNOWX Innovation	65	05			
VIT Infotech	8	01			
Gokaldas Exports	5	01			
Multiplier AI	84	13			
Amazon	48	01			

Kodnest	98	03			
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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
2018-19	23	UG	CSE, CV, ME, ECE	SSIT, SIT, RVCE, BIET, RASTA, BIT, VIT, ARIZONA (USA), SOCHSCHULE, ROSENHEIM (GERMANY)	M.Tech. / MS

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	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	-	
SET	-	
SLET	-	
GATE		
GMAT		
CAT		
GRE	01	1220443887
TOFEL	01	2087059
Civil Services		
State Government Services		
KEA	21	

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

Activity	Level	Participants
2	State	3000

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	Sports	Cultural	Student ID number	Name of the student
2019-20	CDT Rank	National	NCC / Army Attached Camp		17CS044	Jaganna Somanna
					17ME055	Vinayak Hirehatt
					16CV045	Prabhu S Sathnuru
					17IM018	Vinay C
					17CS087	Sachin A R Bhat

		NCC / Hospital Attachment Camp		18CV082	Sharanya Revathi
		A.T.C. Camp		17EC086	S A Adarsha
				17ME040	Prateek T
		NCC / Basic Leadership Camp		16EC112	Ume Asma
		N.C.C. / Camp		16EC112	Ume Asma
Civil/Structural Engineering		INSDAG		16CV070	Sindhu D M
				16CV076	Thanushree N

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

SSIT Student Council representatives actively participate in various activities. They help in coordinating all the events related to academics and other co-curricular & Extra-curricular activities, as per the directives of the Principal and Dean (Student Affairs). They do lot of academic administrative work by taking the help of other students. They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students.

Students' Council and its Members:

Sl. No.	Designation	Committee
1	Principal	Chairman
2	Dean (Student Affairs)	Coordinator
3	Cultural Committee	Member
4	Sports Committee	Member
5	Campus Maintenance	Member
6	Hostel Maintenance	Member
7	Campus Disciplinary Committee	Member

Contribution of the Student Council in Academic Administration.

- Coordination in day to day academic activities at their level
- Coordination in communicating the information between students and Teaching faculty
- Coordination in organizing Cultural events
- Coordination in organizing Sports & Games for the students
- Coordination in arranging Industrial Visits for the students
- Coordination in inviting the external guest speakers and organizing the Seminars & Workshops.

SSIT provides necessary support to the council members in organizing & coordinating the events. It encourages the students to develop their leadership skills through these activities. Student members in this council can become real heroes and competent managers in future by learning all these skills.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

No

5.3.2 No. of-enrolled Alumni:

143 (2019-20)

5.3.3 Alumni contribution during the year (in Rupees):

Many of the alumni help the Institution in bringing elite companies for campus recruitment each year by acting in cohesion with the Training and Placement Department. During December-2010 function, the alumni have donated Rs 3,00,000 for awarding prizes to college toppers.

5.3.4 Meetings/activities organized by Alumni Association :

SSIT Alumni Association (SETHU BANDHA) was formed in 2000. The SSIT Alumni meet will be organized on 2nd Sunday of December every year. On this occasion, college news letter will be sent through their mail. Alumni will share their experiences and their present occupation.

Sethu Bandha is the annual meet arranged in the Institution mainly to provide the platform for our proud alumni to exchange their pleasantries, meet their beloved teachers and young enthusiastic students. The Alumni would be addressing the students and researchers by giving valuable advices to successfully pursue their career amidst all the new combination and the technological challenges faced by them.

Over the years, the college has undergone a good deal of transformation with the support of alumni which we will observe as a several new development. It is an opportunity to interact with old buddies and relish fast memories.

It is our pleasure to felicitate our proud alumni who have excelled in their careers by this association. The meet will start with a Breakfast followed by the program. Simultaneously, their spouse and wards will be engaged in various entertainment activities like Mehendi, Rangolli, Musical chair and super minute task.

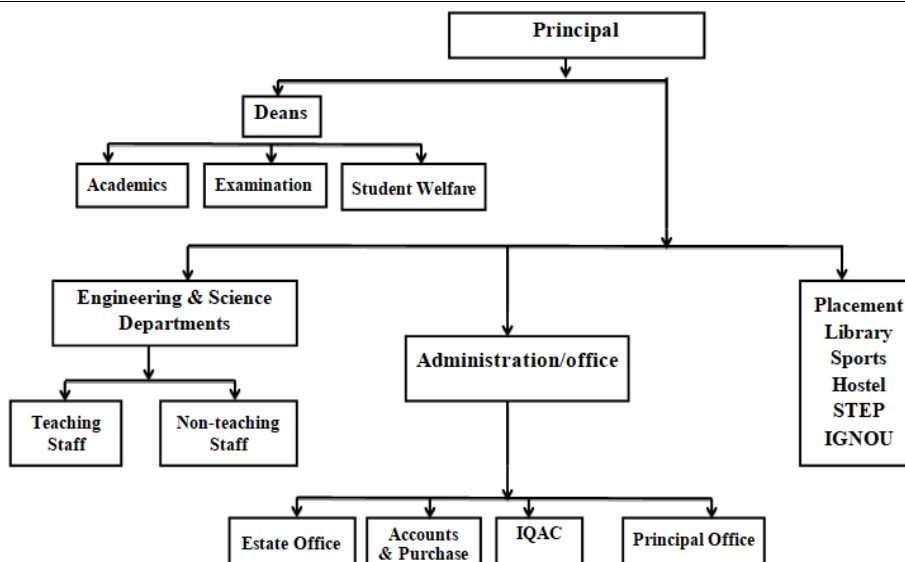
Many of the alumni help the Institution in bringing elite companies for campus recruitment each year by acting in cohesion with the Training and Placement Department. During December-2010 function, the alumnus have donated Rs 3,00,000 for awarding prizes to college toppers.

An Oman based civil alumnus Mr. Tushar Ranjan, has recruited 11 students of Civil Engineering during 2018-19. Six Students were chosen for paid internship during 2019-20 and a start-up company has been setup in the campus by Mr. Pramod S Kumar, an US based alumnus of CSE Department.

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 college grooms the leadership through various forums and committees such as Academic Development Committee, Staff Development Committee, Library Committee, Students Welfare Committee, Hostel Committee, Magazine Committee, Cultural Committee, Sports Committee, Anti-Malpractice Committee, Placement committee, Purchase committee, Finance Committee, Canteen Committee, Anti-ragging Committee, Anti Sex harassment Committee, Grievance Committee, Co-operative Society Committee, Department Associations,

ISTE/IEEE/IE (I)/CSI student Chapter, NCC/NSS activities, etc.

Case Study: Institution organizes various activities throughout the year where the students take the lead role under the guidance of faculty members. Every year class representatives are elected by the students. These class representatives in turn elect office bearers who will take lead in organizing various college activities.

Institution organizes annual festival during March/April every year with the students from the various institutions actively taking part. All the arrangements are done by the students in a well organized manner monitored by cultural committee. The students are encouraged to show their talents and win attractive prizes. They are encouraged to take part in the events organized in other institutions by providing them all the necessary financial support.

Sports day is organized by the students monitored by the sports committee where the students of the

institution get opportunity to take part in various games like shuttle badminton, table tennis, etc. and also in field games like running race, shot put, etc.

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

Yes/No/Partial: 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):

- ❖ **Curriculum Development:** The objective of the curriculum design in Engineering and Technology is to serve the community with general and advanced solutions, and provide education in varied branches of Engineering at UG, PG and Research levels. The curriculum is designed and framed as per the directions of CDC (Curriculum Development Cell) in accordance with AICTE Guidelines. Feedback from various stakeholders is considered for improving the contents of the curriculum offered by the Institution. The feedback from the visiting experts of the NBA team has been considered while framing the curriculum to ensure the proper relevance of the contents to national and international technological changes. Board of Studies (BoS) in each department comprising of Professors, Alumni and external experts from Academia and Industry as members is formed for scrutinizing/designing courses. The scrutinized syllabus is submitted to the Academic Council of the University for final approval.

The Choice Based Credit System (CBCS) has been implemented to provide: flexibility in choice of courses, multi-disciplinary courses, student centric learning in the class rooms, opportunity to progress at their own pace, thus enabling the students acquire job oriented skills. Outcome based education system exists with each course meeting the specific Course Outcomes. The teaching and evaluation procedure orients towards attainment of Course Outcomes and Program Outcomes

- ❖ **Teaching and Learning:** Teachers use ICT-enabled tools, black board, white board for effective teaching and learning process, including online e-resources. The different learning methodologies adopted in the Institute are:
 - **Experiential learning:** Students shall undergo practical training in the relevant domain during UG/PG programmes. Each student conducts experiments individually/ in group to familiarize with practical aspects. In a semester, students get trained for a minimum of two practical courses. Further, practical based assignments are given in some courses. Model based teaching is also adopted in a few courses. Programming concepts and debugging are taught during the class hours.
 - **Integrated/Inter-disciplinary learning:** To have a better handshake between theory and practical, a few courses starting from first semester are taught as integrated courses. Concepts taught in theory are demonstrated in laboratory. This helps the students to comprehend the concepts introduced in the theory.

In order to ensure that students acquire knowledge in multidiscipline, provision has been made through open electives that are offered during third year of the programme. Such courses are offered by each

department exclusively for the sake of students from other disciplines.

- **Participatory learning:** The Institute encourages students to participate in co-curricular and extracurricular activities of their interest and expertise through students' chapters, sports, cultural and technical clubs monitored by faculty conveners. Such units conduct many events giving an opportunity for the students to participate. This ensures inculcating among the students extra skills such as, management skill, communication skill, team work, publicity techniques, event handling, co-ordination skills, working with local community, etc. The diversified culture among the student community helps them to learn and adjust with new environment and culture. This brings more harmony and appreciation among the students.
- **Problem-solving methodologies:** Students are exposed to real time scenario by various activities such as, industrial tours, survey camps, international exhibitions to understand and face various challenges that they may come across in engineering domain. They are also trained on usage of different tools depending on the technological trends and the requirements of the industry. Problems based on real life requirements are solved through systematic studies that may lead them to carryout projects.
- **Self-directed learning:** To ensure students learn on their own, case studies, technical talks, group discussions and presentations, assignments involving programming challenges are given in many subjects. Students present case studies through reports, power point presentations, and program implementation procedures.
- **Project-based learning:** Students carry out mini project and major project in a group during the programme. These projects involve identification and clarification of the selected problem, literature survey, design of the prototype model, conduction of performance tests, fine tuning of the model as per the test reports and recording of the results through a report, being finally submitted to the department. All such reports are subjected for final evaluation as per the Institute norms.
- **Role play:** To ensure new dimension for learning, students exhibit a great deal of role play through demonstrations or presentation of concepts such as, linked lists, sorting methods, requirement gathering for software development, etc.,. The training and placement unit conducts mock interviews and group discussions for students.

❖ **Examination and Evaluation:** There is an online dedicated Student Information System (SIS), "Gurukul", catering to creation of database of students in respect of admissions, fee paid, academics and examinations. It is serving as a secured platform to prepare marks cards and certificates as required. Access has been provided to all the stakeholders including parents. Feedback system and OBE analysis has been inbuilt in this software.

Highlights of the SIS

- Comprehensive online student information (both academic and non-academic) to monitor the progress of the students.
 - Keep track of academic activities of staff.
 - Student counseling/mentoring.

- Facilities for the parent to track the progress of their wards.
- Access to portal from any device, anytime and from anywhere.
- Online Feedback system
- Dashboards for Management, Principal, HoDs to monitor various activities of college and departments.
- Student academic management – Registration, Attendance and Internal marks
- SMS and email notification on missed classes.
- Coded Examination system and various reports as per requirement.
- Role based menu driven rights.

The SIS has several modules ranging from admission to examination and publishing results and printing of all statutory reports for various university and accreditation needs:

List of modules:

- Student Enrolment
- Course Management
- Subject Management
- Time Table Management
- Attendance management
- CIE Management
- Student monitoring / Counseling
- Pre Examination, Examination, Bundling, Valuation, Post examination process management

❖ **Research and Development:** The Institution always supports and motivates faculty and students to take up research activities to update the knowledge in their own domains. It also encourages interdisciplinary research activities to arrive at multidisciplinary platforms. The research cell is headed by a Professor and he looks after all the R&D activities of the Institution. The Institution funds for various research projects which are funded by Govt. of Karnataka on Joint Venture (50-50) in sharing the financial resources like funded projects through Karnataka Council for Technological Upgradation (KCTU). Apart from KCTU, research projects are funded through VGST (GoK), KSCST (GoK)

Library, ICT and Physical Infrastructure / Instrumentation:

The infrastructure facilities have been added as per requirements, with all departments having State-of-the-art laboratories. Each department has its own computer centre, seminar hall, library, laboratories, etc. The class rooms are equipped with furniture, glass boards and LCD projectors. Care has been taken to have individual facilities for the laboratory courses in all the departments. To facilitate the R&D activities, a separate research cell has been setup headed by a faculty of the cadre of Professor working as the Research Coordinator. The University to which the college is a constituent part supports research activities in the campus through part time and full time Ph.D. programs. There is sufficient number of computing facilities to ensure the required ambience for potential research.

In addition to the above, the campus has common room, washrooms separately for men/women, students and staff, HOD rooms, faculty rooms and staff rooms.

The college houses a central library with enough number of titles and volumes catering to UG, PG and Research programmes.

There are about 2400 students studying in the Institution. The usual working hours of the Institution is 9.00 am to 5.15 pm. The laboratories, R&D facilities are kept open up to 8.00 pm for the benefit of staff and students for academic and research purposes. The central library is kept open from 8AM to 9:00PM, on all working days. On Sundays and holidays, the library is open from 8:00 am to 2:00 pm. During examination periods library and canteen facilities are extended till 12.00 midnight.

The college has four Auditoriums and an open air theatre. The college has playgrounds for various sports and games, Athletic track, Cricket ground, football ground, basketball ground, Shuttle Badminton, Table Tennis and a Fitness centre (Gym).

The institute has a Yoga centre for students and staff. A well-qualified yoga demonstrator is available (Faculty of Mechanical Engg.) Regular yoga classes are held and periodic yoga nature camps are conducted for the staff and students.

The other general campus facilities are as follows:

- Bank with ATM
- Post Office
- Full-fledged Health Centre
- Cooperative Society
- Canteen/ Coffee / Chat Centre
- Laundry
- Various Forums / Clubs for co-curricular and Extra-curricular activities
- Reprographic facilities
- RO Water facility
- Ladies Waiting Room
- Recreation Lounges
- Guest house
- Language Laboratory
- Community Radio Centre
- IGNOU study center
- Entrepreneurship Development Cell (EDC)
- Training and Placement Cell
- Vocational Training Centre
- Consultancy Activities Cell
- Central Campus Maintenance Unit (Estate office)
- Vehicle Parking Area

❖ **Human Resource Management:**

Committed faculty, technical and non-technical staff addressing academics, examination and administration are there as per norms. Apart from these, there is an exclusive Estate Office headed by an Estate Officer of the University, of the rank of a Professor. This office takes care of all the repair and maintenance of physical and academic support facilities, through the various sub teams as listed below:

1. Generator Maintenance: The generator is periodically fuelled and maintained with a log book. Servicing is done through authorised service centers as and when deemed necessary.

2. Electrical Maintenance: Institute has a huge requirement of electricity for hostels, canteen, laboratories etc., and the institute is having 2 HT stations to cater the above needs. An in house maintenance team looks after the maintenance of electrical services.

3. Air conditioning Maintenance: The institute possess air conditioned system for computer laboratories, seminar halls and administrative wings. Periodical maintenance is done through annual maintenance contracts (AMC)

4. Vehicle maintenance: vehicles are maintained periodically and log book is maintained for each vehicle. A well-qualified mechanical /automobile engineer (faculty of Mechanical) is looking after vehicle maintenance under estate office.

5. Garden maintenance: Institute is having a very rich lush green garden maintained by inhouse team. The garden is maintained by a qualified horticultural assistant under estate office.

6. Laboratory Maintenance: The laboratory maintenance is done by respective departments under the guidance of HoD, supervision is done by in charge faculty and staff. Laboratory Facilities are utilized as per curriculum, requirements and for R&D and consultancy activities.

7. Sports facilities: Institute is having both indoor and outdoor games facilities and Gym, these facilities are maintained by Physical Education Director. The above facilities are utilized by both students and staff.

8. Computer and internet facilities: The computer maintenance and internet maintenance is done by an in-house team (Qualified system Analyst) and all the computing facilities are covered under AMC.

9. Classrooms and Seminar Halls: The classrooms and seminar halls are maintained by in-house housekeeping system.

10. Basic Amenities Maintenance: The basic amenities such as RO water for drinking, maintenance of washrooms, security personnel, canteen and cafeteria, cooperative society, laundry, guest house, etc; are maintained by the Estate Office on regular basis.

❖ **Industry Interaction / Collaboration:** The Institution supports industry interaction and collaboration through central office and at departmental levels. There are more than 30 MoUs with various corporate companies and industries and they are part of Board of Studies, Advisory Board, and Assessment Committee. Students are encouraged to do internship / externship, projects, technical visits in these

companies / Industries.

- ❖ **Admission of Students:** Admission to the engineering college is done through the Karnataka Examination Authority; an admission wing of Government of Karnataka based on ranks obtained in Common Entrance Test (CET) and option entry. 60% of the seats are filled through Government quota as per the Government norms. Out of remaining 40 % Management seats, 2 seats in each department are given to meritorious students as part of social commitment under Dr. HMG Fee Waiver Scheme (only tuition fee to be paid)

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

- ❖ **Planning and Development :** The committee headed by, Principal, Management Representative, Deans, IQAC, head of various departments, Section heads and estate officer will do plan of action for the overall development of the Institution.

❖ **Administration:** The overall administration is headed by Principal. He is supported by Deans: Dean (Academics), Dean (Examination) and Dean (Student Affairs). Various teaching departments are looked after by a Senior Faculty / Professor as Head of the Department, other sections (NCC, NSS, Sports ...) are looked after by section heads, office administration by Superintendent, IQAC by Chief Coordinator, Campus maintenance by Estate Officer and Finance & Accounts by Accounts Officer.

- ❖ **Finance and Accounts:** Under the flagship of Principal, it is maintained by an Accounts Officer. There is a department to take care of finance & accounts and periodic audits will be carried by an external auditor.

❖ **Student Admission and Support**

Admission to the engineering college is done through the Karnataka Examination Authority; an admission wing of Government of Karnataka based on ranks obtained in Common Entrance Test (CET) and option entry. 60% of the seats are filled through Government quota as per the Government norms. Out of remaining 40 % Management seats, 2 seats in each department are given to meritorious students as part of social commitment under Dr. HMG Fee Waiver Scheme (only tuition fee to be paid).

- Students are covered under health insurance
- Primary Health Centre (in Campus) and our Medical College Hospital (6.5 kms) to take care 24/7 medical emergency.
- Students Counseling System
- Ragging free campus
- Wi-Fi campus
- Digital library to support progressions.
- Lush Green and Environment friendly campus

❖ **Examination**

There is an online dedicated Student Information System (SIS), “Gurukul”, catering to creation of database of students in respect of examinations. It is serving as a secured platform to prepare marks cards and certificates as required. Access has been provided to all the stakeholders including parents. Feedback system and OBE analysis has been inbuilt in this software.

Highlights of the SIS

- Comprehensive online student information (both academic and non-academic) to monitor the progress of the students.
- Facilities for the parent to track the progress of their wards.
- Access to portal from any device, anytime and from anywhere.
- Online Feedback system
- Student academic management – Registration, Attendance and Internal marks
- Coded Examination system and various reports as per requirement.

The SIS has several modules ranging from admission to examination and publishing results and printing of all statutory reports for various university and accreditation needs:

List of modules:

1. Student Enrolment
2. Course Management
3. Subject Management
4. Time Table Management
5. Attendance management
6. CIE Management
7. Student monitoring / Counseling

8. Pre Examination, Examination, Bundling, Valuation, Post examination process management

The process of evaluation has been divided into two parts. Students are evaluated through Continuous Internal Evaluation (CIE) and Semester End Examination (SEE). Each component has 50% weightage while computing the grade for the subject. Internal component is further divided into two tests for 10 marks each, Midterm examination for 20 marks. Quiz and Assignments contribute 5 marks each. This will reduce the stress on students and ensure that they are continuously engaged in learning process. All questions in the internal assessment are made compulsory to make sure that student will not leave any topic. In SEE, students shall answer five questions with each question carrying 20 marks. Each course has five units. Question paper is set by giving internal choice within the unit. The questions are set to fulfil the objectives of outcome based education.

To ensure better monitoring during the exam, thirty students are allotted for each room. The students are seated in such a way that no candidate writing the same question paper will sit next to him/her in any direction. The examination is supervised by the invigilator and a team of squad ensures smooth conduction of examination.

Examination process is completely automated. Students are asked to register the subjects during the beginning of the semester. Each component of the internal marks are entered into the examination database soon after the completion of internal evaluation. At the end of the semester, eligibility check is done before the generation of Admission ticket to find whether student has minimum requirement of internal marks and attendance. The eligible students are allotted rooms for each subject in such a way that they will not sit in the same room for different subjects.

After the examination, answer scripts are bar coded and bundled using a random bundle number. Once the valuation of all the scripts in the bundle is over evaluator enters the marks into database component wise. This avoids possible mistakes during addition of marks manually. This individual subcomponent of marks is used for OBE computation. To ensure fair valuation each script is valued by two examiners, one Internal and another external. Average of the two marks awarded by examiners is used for grade computation. If the difference of the marks is more than 12, the script is valued by the 3rd examiner.

Practical examination is of 3 hours. Students are divided into batch of 10 and conduct the experiments individually. Internal and external examiner jointly evaluates the performance.

Within fifteen days of last examination, results will be announced through SIS and on department notice boards.

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
2019 - 2020	Guruprasad T N	Workshop	
	Sowjanya G V	International Conference	
	Pradeep A R	ICMMS, NIT Calicut	
	Pushpa R	International Conference	
	Sindhu T N	Conference	
	Babitha M N	Workshop at JIT, Bangalore	
	Sowmya m N	Workshop at CIT, Gubbi	
	Madhumala G	Workshop at CIT, Gubbi	
	Dr M N Eshwarappa	Workshop, Bangalore	
	Sharadha Gupta M N	Evaluation reforms-Two	

		days workshop	
	Komala K	FDP on Digital design flow using Xilinx and MATLAB tools for Image processing applications	
	Dr Srinidhi G A	Workshop	
	Jeevith S H	Workshop	
	Dr Srinidhi G A	Conference	
	Rashmi H C	Workshop at JIT, Bangalore	
	Sushma M	Workshop	
	Harshitha G	International Conference on Smart Systems and Inventive Technology	
	Hemanth Kumar	International Conference	
	Bhaskar H B	Workshop on Examination Reforms, AICTE	
	Ravindra sagar C S	Workshop	
	Harish S	International Conference, ICCE 2020	
	Sushma Prashanth	International Conference	
	Civil Engineering Dept.		Green Building Council

6.3.2 Number of professional development / administrative training programmes organized by the College 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	Dates (from-to)
2019-20	FDP on Fundamentals of machine learning		6/12/2019 to 7/12/2019

	with Python		
	Machine Learning		26-02-2020
	Python programming		17/10/19 to 18/10/19
	International seminar on Artificial Intelligence in Wireless Communication		12/2/2020
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		No. of teachers attended	
Making an effective research proposal the winning way		1	
IoT Deep learning and cloud computing		9	
Are you IoT Ready? Join configuration of smart home using cisco packet tracer		2	
FDP on IOT, Deep learning and cloud computing		5	
FDP on Fundamentals of machine learning with Python		8	
Webinar series on “Satellite and Automation”		3	
Webinar on System design using Xilinx Vivado on Zynq Soc		3	
Webinar on Quantum Dot cellular Automata		1	
IEEE Society Chapter Webinar Series		1	
Two days Instructor Led Live Online Workshop on ML & AI using Covid-19 Virus data analysis		1	
Webinar on “Competency targets for Employability- An Industry Perspective”		1	
Webinar on “Outcome Based Education, Roadmap to learning and accreditation”		1	
NPTEL - Online FDP Program Deep Learning Part - I		1	
"Decoding Examination During and Post COVID		20	
Quality Assurance, Professional Ethics and Social concern in Engineering Domain”, by IQAC, SSIT, Tumkur		200	
Artificial Intelligence, Machine Learning and Deep Learning” by DoS in Computer Science at University of Mysore, DST Sponsored, National Level workshop.		2	
Python Programming for Data Sciences and IoT” organized by Sheshadripuram College, Tumkur University.		6	
FDP on Data Science using Python organized by Mohamed Sathak A J college of Engineering in association with CSI chapter Kancheepuram.		7	
International webinar on The future of computing –cloud and fog computing” organized by Noorul Islam Centre for Higher Education, Kumaracoil		1	

Webinar on AI and Data Science organized by IEEE	3
Solid works 2020 by BEACON, Bangalore	2
Women Health and Hygiene by women Empowerment cell, IQAC, SSIT, Tumkur	55
Advances in Mechatronics Systems	1
Two phase Flow with Phase change in conventional and miniature channels, NPTEL-AICTE	1
Pedagogical Initiatives by IQAC, SSIT, Tumkur	50
Strategies and tips for organising a virtual learning environment during the lockdown by WEBEX	2
Impact of IoT on Future of Aerospace and Defence Sectors, DST, Acharya Institute of Technology, Bangalore	1
Research Tools and Techniques at Yenapoya Institute of Technology, Mangalore	1
Fibre Optic Communication Systems and Techniques	1
Advanced Training of Trainers	7
Methods of Creative and Innovative Teaching Skills	2
Electromagnetic and Thermal Simulation of Electric Motors	20

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching
Permanent:01	Fulltime: 12	Permanent
Fulltime:06		

6.3.5 Welfare schemes for

Teaching: EPF, VPF, Staff Welfare Fund, Cooperative Society, Concessional fee for wards, Health Check Ups, Medical and Dental Care through sister concern institutions.

Non teaching: EPF, VPF, ESI, Staff Welfare Fund, Cooperative Society, Concessional fee for wards, Health Check Ups, Medical and Dental Care through sister concern institutions.

Students: Health Insurance, Cooperative Society, Concessional fee for wards, Health Check Ups, Medical and Dental Care through sister concern institutions.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Institution conducts periodic financial audits. Every year, financial audits are conducted by the Institution under Accounts Officer as head and then by a Certified External Auditor, a Chartered Accountant.

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/ Grants received in Rs.
-	-

6.4.2 Total corpus fund generated : to be filled by University

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?		
Audit Type	External	
	Yes/No	Agency
Academic	No	
Administrative	No	
6.5.2 Activities and support from the Parent – Teacher Association (at least three)		
1. IQAC Member 2. Program Assessment Committee Member 3. Organising Parent-Teacher Meeting		
6.5.3 Development programmes for support staff (at least three)		
1. Support to conduct Technical workshops 2. Support to participate in workshops conducted by other colleges / Industries 3. Industrial Visits to update their skills.		
6.5.4 Post Accreditation initiative(s) (mention at least three)		
1. Improved consultancy and R&D projects 2. Increase in quality publications 3. More collaborations / MoUs with Corporate companies and Industries.		
6.5.5		
a. Submission of Data for AISHE portal : (Yes /No) Yes		
b. Participation in NIRF : (Yes /No) Yes		
c. ISO Certification : (Yes /No) No		
d. NBA or any other quality audit : (Yes /No) Yes		
6.5.6 Number of Quality Initiatives undertaken during the year		
Year	Name of quality initiative by IQAC	Date of conducting activity
2019-20	Dr. H M Gangadharaiah Extramural Lecture Series	7 programs
	Academic Audit (Internal)	3-4 December 2019
	Examination Audit (Internal)	15 May 2020
	Green Audit	13 July 2020
	Energy Audit	16 June 2020

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-to)	Participants	
		Female	Male
1. International Women's day	13 th March 2020	65	10
2. Street Play on Gender Equity	1 st March 2020	60	28
3. A talk on 'Women Health & Hygeine	29 th Nov. 2019	155	-

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

- Solar Energy
- Use of LED bulbs/Power efficient equipment
- Solid waste management
- Liquid waste management - *Sewage Treatment Plant*
- E-waste management
- Waste recycling system

Percentage of power requirement of the University met by the renewable energy sources-

Solar water heater pannel- Girls hostel (8,000 lts capacity)

- Boys hostel (24,000 lts capacity)



7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	-
Provision for lift	Yes	-
Ramp/ Rails	Yes	-
Braille Software/facilities	No	-
Rest Rooms	Yes	-
Scribes for examination	No	-
Special skill development for differently abled students	No	-
Any other similar facility	-	-

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2019-20		2	9/8/2019	Swatchata Pakwada	Awareness on Cleanliness & hygiene	85
			25/1/2020 4 hrs			90
		1	24/8/2019 4hrs	Swatch Bharath Abhiyana	Awareness on Cleanliness & hygiene	90
		4	21/9/1019	Fit-in India movement	Awareness on physical fitness	88
			11/1/2020			100
			18/1/2020			95
			15/2/2020 3 hrs			95
	1		18/6/2020 1 hr	Mask day	Awareness on mask importance	150
	1		4 hrs	Sanitisation for local students appearing CET examination	Awarness on cleanliness during COVID-19	16,000

7.1.5 Human Values and Professional Ethics

The Code of Conduct is displayed on the website. There is a committee to monitor adherence to the Code of Conduct and the Institution organizes professional ethics programmes for students, teachers, administrators and other staff. Annual awareness programmes on Code of Conduct are organized

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration(from-----to -----)	Number of participants
1. Workshop on 'Quality Assurance, Professional Ethics & Social Concern in Engineering Domain'	One day on 31/10/2019	170
2. Workshop on 'Pedagogical Initiatives'	One day on 11/1/2020	50
3. 'Kalotsava' College Cultural event	Two days 1 st to 2 nd march 2019	2500
4. Kannada Rajyotsava	24 th November 2019	2000
5. Technical Barrier Reduction Programm (TBRP)	22 nd April -11 th May 2018	60
6. National Energy conservation day	16 th December 2019	120
7. Green day	10 th August 2019	405
8. Swatch Bharat Abhiyan	24 th August 2019	95
9. Swatch Bharat Pakwada	9 th August 2019 & 25 th January 2020	85
10. Martyrs day	30 th January 2020	100

11. National Unity day	31 st October 2019	250
12. Republic day	26 th January 2020	155
13. Independence day	15 th August 2019	150
14. Teachers and Teachers day	17 th September 2019	180
15. Interanational Yoga day	21 st June 2019	80
16. International Womens day	13 th March 2020	65
17. Fit-in India movement	- 21 st September 2019	100
	- 11 th January 2020	100
	- 18 th January 2020	100
	- 15 th February 2020	100
18. Mask day	18 th June 2020	100
19. Sanitisation for CET students	30 th to 31 st July 2020	6000

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

The college gives priority to keep the campus clean and eco-friendly. Following activities are followed.

1. Solid waste management
2. Liquid waste management
3. E-waste management
4. Rain water harvesting
5. Borewell /Open well recharge
6. Waste water recycling
7. Maintenance of water bodies and distribution system in the campus
8. Restricted entry of automobiles
9. Pedestrian-friendly pathways
10. Ban on the use of Plastics
11. Landscaping with trees and plants
12. Green audit
13. Energy audit
14. Clean and green campus recognitions / awards
15. Beyond the campus environmental promotion activities

7.2 Best Practices

Describe at least two institutional best practices

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

Best Practice one:

Title of the practice: TECHNODEA Project Exhibition and competition

Objectives of the practice: To provide a platform for the engineering students of Karnataka to exhibit their technical skills through novel projects carried out by them in a group. This helps the students to understand the scope and limitations of their projects/ ideas through industry experts during the event. Best exhibits are recognized through citations and rewards.

The Context: As many Deemed universities, Private universities, Autonomous institutes and institutes affiliated to state universities are functioning in the state, TECHNODEA provides the best platform for the students to get exposed to varieties of innovative ideas and skills in connection with Engineering projects. It ensures a useful mix up between

students of various Institutions all over the state, resulting in mutual exchange of ideas, strategies and sharing of knowledge.

The practice: Usually all the Engineering departments organize project exhibition regularly for their students to bring out their hidden talents. With the hobby projects included along with final year projects, a technical state level project exhibition, Technodea, is organized every year at SSIT since 2010. TECHNODEA stand for “TECHNOLOGY, INNOVATION AND IDEA”.

Evidence of success: The quality of the projects exhibited in the event has proved the success of the event. However to quantify the success, more than 200 projects are exhibited during the event and nearly 3000 people including students visit the project exhibition.

Problem encountered and resource required: The team TECHNODEA has not faced any problem in organizing the event; however budget is a barrier to make any event successful. The college administration contributes the major part of the financial requirement with the remaining sponsored by alumni, Industries, etc.,

Best Practice two:

1. *Title of the Practice:* Energy Conservation Measures

2. *Objectives of the Practice:*

It is to create awareness among the public about the importance of saving and conserving energy. It is said that “an unit of energy saved is an unit generated”. In this context, efforts are made to make the consumers be aware of the efficient usage of energy and adopt measures and policies elicited for energy conservation.

3. *The Context*

Energy Conservation is a term to use the least amount of energy while avoiding unnecessary use of energy. It reduces the need for energy services and can result in increased [environmental](#) quality, [national security](#), [personal financial security](#) and higher savings. It is at the top of the sustainable [energy hierarchy](#). It aims to save energy for future use.

4. *The Practice*

To emphasize the above aspects, National Energy Conservation Day is organized each year to bring awareness among the students and all concerned, about energy conservation. Everyone should reduce the use of AC or heater because both instruments consume a larger amount of energy every day. LED bulbs or smart lighting options can reduce energy consumption. Water heating equipment consumes a lot of energy. It is advised that using less hot water can save a lot of energy. Water conservation also leads to better energy conservation. Every year about thousands of gallons of water is wasted. Water conservation can be done by using 6 GPM fountains, very low flush toilets, tap aerators, compost toilets, etc.

5. *Evidence of Success*

Celebration of National Energy Conservation Day-2019 was held on 16/12/2019. This day emphasizes every person to include energy conservation in their behavior. Anyone can save energy by taking small steps at home or office by eliminating unnecessary use of light, fan, AC or any other energy consuming equipment. Volunteers from NCC & NSS, Police Officials, Staff and Students, Public, Press and Media were present during the function. A rally on imparting awareness was organized from SSIT campus to Town Hall Circle. Around 350 members participated in the rally with slogans, posters, handouts and banners thereby educating the public in saving and conserving the energy.

6. *Problems Encountered and Resources Required*

Institution was one among 10 engineering institutions in Karnataka for getting financial support of Rs. 50,000.00 (Rs. Fifty thousand only) from Karnataka Renewable Energy Development Limited, A Govt. of Karnataka undertaking,

Ministry of Energy (ref. KREDL/EE&EC/09/F-118/2019/5792, dated 10th December 2019). Any further assistance required is supported by the college administration.



7.3 Institutional Distinctiveness

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

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

SSIT Tumakuru is committed to maintain high degree of quality in education sector. Being a Constituent college of SSAHE Deemed University Tumakuru, all efforts are put in by the faculty and staff to ensure quality based activities and events in all the facets of education.

Of the many distinctive features that SSIT claims to be pioneer since the last five years, the quality initiate for the distinctively visible activity in the campus. All the various programs, activities, events, etc. held in the college by various departments throughout the year are guaranteed to stick to quality policies of the university/institution. In this direction a separate internal quality assurance cell (IQAC) headed by an officer of professor cadre has been setup with sub committees headed by quality officers and supported by many faculty members nominated as members on the various sub committees. The sub committees address the various quality issues such as curricular aspects, Teaching Learning and Evaluation process, Research Innovations and Extension, Infrastructure and Learning resources, Student support and progression, Ethical values.

The details about the duties, responsibilities and functionalities of various quality/criteria officers have been clearly spell out in the quality-policy document. As a part of ensuring quality in maintenance of academic and personal records by each and every faculty of college with respect to courses taught by them, an internal audit was conducted during December 2019 by using the services of senior level faculty of the college. This helped the heads of the department to a larger extent to maintain all the relevant records as expected by the visiting expert committees and in line with the set up standards. It also helped the college administration to ensure smooth operation and running of the academic processes and activities across all the departments of the college.

Subsequently during June 2020, the second internal audit has been conducted with respect to question papers used in internal and external examination of odd semester 2019-20. Separate committee was setup to visit every department in this connection. The report has been submitted by all the concern in respect to audit carried out. The report consists of the audit information with respect to the quality of the questions, given scheme and solutions prepared, evaluations made, etc. It also dealt with various issues such as weightage of marks given, coverage of the syllabus in the uniform way, choice given in the question papers, etc.

The IQAC is committed to ensure quality in all the various issues connected with the engineering education system in general and those especially relevant.

8. Future Plans of action for next academic year (500 words)

Academics: With respect to the curriculum development activities, the following are the action plans:

1. The syllabus will be subjected for thorough changes to suit to the changing-scenario in industries and R&D sectors.
2. Efforts will be made to fine tune the syllabi in line with the proposed National Education Policy.
3. The objective is mainly towards realising the students graduating from the University to be completely industry ready, confident and adoptable enough to face the world.
4. Teaching-Learning process will have to be completely revamped with smart classrooms, online/blended learning, etc.
5. Better open electives and value added courses are introduced for the benefit of students across many disciplines.

Examination: In order to keep good quality in our graduates, the examination system will be subjected to changes as per the following action plan:

6. Choice based question papers will be despaired with here after.
7. Full syllabus coverage is ensured both in teaching and in examinations.
8. Efforts are initiated to ensure continuous quality based evaluation of the performance of students at all levels.
9. In some specially designed courses, even open-book examinations will be introduced.
10. Re exams such as make-up examinations, summer term exams will be conducted, without compromising quality

Evaluations:

11. Double valuation, coded valuation will be made for all scripts.
12. Reforms like paper setting, revaluation, challenge valuation, etc. will be introduced.
13. Third valuation, where ever needed, will be carried out by taking the service of externally invited expert evaluators.
14. Grievances, if any, will be addressed through central Grievance Redressal Cell.
15. In this direction, a separate calendar of events will be circulated among all concerned with respect to the various activities planned by IQAC for the year ahead.

Results:

Since the institution is an autonomous, university's constituent college, it is planned to announce results in the earliest possible time. Action plan has been setup to put out the results within 6-8 days after the conduction of the last theory/lab examination.

NBA Accreditation:

As per the requirements by NBA guidelines, it is planned to apply for NBA accreditation for 4 Engineering departments: ECE, CSE, ISE and Mechanical Engineering. In this context, the action plan is as under:

- Global team of coordinators has been formed.
- Department wise, criteria-teams have been formed to look after Criteria 1-7 of SAR document.
- Criteria 8-10, will be taken care by the global team.
- The whole exercise is to prepare SAR document for NBA accreditation.

The preparation and submission of SAR is expected to be completed by first week of Dec 2020. In SAR document it is required to complete OBE exercise consisting of course articulation matrices, course attainment matrices, etc. as per NBA norms. Workshops and brain storming sessions have been planned to educate all concerned with NBA guidelines.

Due to the prevailing Corona Pandemic caused havoc in our education system, all the academic activities are being run online, including classes, tests, examinations and evaluations. In this context, the different ways of examinations such as on-line seminars, on-line MCQs, on-line open book examinations, time allowed assignment submissions by each student, etc. are also planned as an important plan of action.

Academic Audit:

It is planned to conduct both internal audit (twice a year) and external audit (once a year- by expert auditors), to ensure quality through the IQAC of the college. For internal audit, the senior faculty of the college will be utilized.

In conclusion, the IQAC will ensure quality in all aspects of academic activities in the college by assuming the role of watchdog to the maximum extent.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

**SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY
TUMAKURU**

INTERNAL QUALITY ASSURANCE CELL (Revised - Jan. 2020)

Chairman : **Dr. M S Raviprakash**, Principal
Chief coordinator : **Dr. R Prakash**, Professor, Dept. of IEM

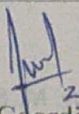
Coordinators : **Dr. B S Ravikiran** Dept of IEM - Human Resource
Dr. V Raviram Dept of CSE - Administration
Prof. N Pradeep Dept of EEE - Academics
Prof. L Dinesha Dept of CSE - Examination

Criteria Officers

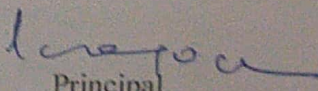
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II	Teaching-Learning & Evaluation	Dr. K Karunakara	94496 23303	ssitise@gmail.com
III	Research, Innovations & Extension	Dr. Venkanagouda M G	9448579479	vmgouda@gmail.com
IV	Infrastructure and Learning Resources	Prof. S.R. Ramesh	9448581818	ramesh_ssit2000@yahoo.com
V	Student Support and Progression	Dr. T R Chandrashekar	9448308397	trcshekar_ssit@rediffmail.com
VI	Governance, Leadership and Management	Dr. K B Shivakumar	9448661097	kbsssit@gmail.com hodtc@ssit.edu.in
VII	Institutional values & Best Practices	Dr. T B Prasad	9008573262	prasadb@gmail.com

Quality Officers

	Department	Name	Mob. No.	email- Id
1	Civil Engg.	Prof. G V Soujanya	9449642820	gvsowju@gmail.com
2	Mechanical Engg.	Prof. K Puneeth	9481553366	puneethk@ssit.edu.in
3	Electrical and Electronics Engg.	Prof. J Sriharsha	9060146644	shriharsha86@gmail.com
4	Electronics & Comn. Engg.	Dr. M C Chandrashekar	9448785547	mccshekhar@gmail.com
5	Industrial Engg. and Mgmt.	Dr. T R Hemanthkumar	9739093020	hemantkumar.iem@gmail.com
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9	Medical Electronics Engg.	Prof. Pradeep M N	8951164765	pradeepmn81@gmail.com
10	Science and Humanities	Dr. M Nagaraja	9972341449	nagarajam@ssit.edu.in
11	Master of Computer Applications	Prof. K R Pushpalatha	9844684301	pushpasumukha@gmail.com


20/1/20
Chief Coordinator

Coordinator
IQAC SSIT
Tumkuru


Principal

Chairman
IQAC - SSIT
Tumkuru

PTD

Coordinators & Committee Heads

Coordinator	File No	Committee	Head
Academics (Pradeep N.)	1.1	Curriculum	Dr. M Siddappa
	1.2	Engg. Education & Technology	Dr. Harish kumar
	1.3	Research	Dr. Venkanagouda M G
	1.4	Consultancy Collaboration ✓	Prof. S R Ramesh
	1.5	ICT and Website	Dr. L Sanjeev Kumar
	1.6	Faculty Development	Dr. D. Ramesh (MCA)
	1.7	Students Counseling	Prof. T S Bharath Kumar
	1.8	Slow learners and Mentorship	Prof. K L Ratnakar
	1.9	Library Advisory	Smt. M H Mallika
Administration (Dr. V. RaviRam)	2.1	Placement Encourage and Career Counseling	Dr. Ashok Mehatha
	2.2	Infrastructure	Prof. S R Ramesh
	2.3	Finance	Dr. M Siddappa
	2.4	Institutional Ethical	Dr. D Rajanaik
	2.5	University Scientific Journal	Dr. C Rangaraj
	2.6	Staff Welfare	Dr. D Ramesh (IEM)
	2.7	Student Welfare and Affairs	Dr. T R Chandrashekhar
	2.8	Grievance Redressal	Dr. G S Sheshadri
	2.9	Anti-ragging	Dr. T R Chandrashekhar
	2.10	Condemnation	Dr. Sanjeevamurthy
Human Resource (Dr. B S Ravikiran)	3.1	Best Practices and Innovation	Dr. T B Prasad
	3.2	Extension Activities and ISR	Dr. B S Ravikiran
	3.3	Feedback	Dr. H Venugopal
	3.4	Alumni Association	Dr. C D Guruprakash
	3.5	Behavioral Cell	Dr. S Renukalatha
	3.6	Parent-Teacher Meet	Prof. C V Mahesh
	3.7	Women Empowerment	Dr. M C Supriya
	3.8	Sexual Harassment Elimination	Prof. M Sushma
	3.9	College Magazine	Dr. S N L Narasimhan
	3.10	Environment Consciousness	Dr. T V Mallesha
	3.11	Cultural & Co curricular Activities	Dr. T V Mallesha Dr. B. P. Mallikarjunaswamy
	3.12	Sports	Prof. Mohan Kumar T P
Examination (L Dinesha)	4.1	Examination Grievance and Malpractice	Dr. K Karunakara
	4.2	Result Analysis	Dr. K Karunakara

[Signature]
13.2.2020

Dr. M. S. Raviprakash
Principal
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