



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SRINIVAS INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Dr. Shrinivasa Mayya D
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0824-2274730
Mobile no.		9448328115
Registered Email		principalsit@srinivasgroup.com
Alternate Email		srimayya_principal@sitmng.ac.in
Address		Valachil, Farangipete Post, Mangalore
City/Town		MANGALORE
State/UT		Karnataka
Pincode		574143
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. Shivakumar G. S
Phone no/Alternate Phone no.	08242284730
Mobile no.	9448251302
Registered Email	cshodsit@gmail.com
Alternate Email	shivakumar_hodcs@sitmng.ac.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://srinivasuniverstrg.blob.core.windows.net/srinivas-institute-of-technology/2018-2019_NAAC_Revised.pdf">https://srinivasuniverstrg.blob.core.windows.net/srinivas-institute-of-technology/2018-2019_NAAC_Revised.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://srinivasuniverstrg.blob.core.windows.net/sit-pdf/A-4_Calendar.pdf">https://srinivasuniverstrg.blob.core.windows.net/sit-pdf/A-4_Calendar.pdf</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.30	2019	04-Mar-2019	03-Mar-2024

### 6. Date of Establishment of IQAC

20-Sep-2019

### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Two-day orientation workshop on	13-Jan-2020 2	115

L::asset('/', 'public') .'/public/index.php/admin/get\_file?file\_path='.encrypt('Postacc/Special\_Status/'. \$instdata->upload\_special\_status))}}

[View Uploaded File](#)

**8. Provide the list of funds 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
NilNil	Nil	Nil	2020 0	0
No Files Uploaded !!!				

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

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

4

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

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

Improvements in teaching learning process 1.Introduction of blended mode of teaching learning 2. Conduction of online workshops and webinars Workshops for teachers regarding OBE Teachers were encouraged to participate in workshops/webinars on OBE Campus infrastructure improvement 1. Renovation and modernization of auditorium 2. Beautification of Architecture block Initiation of NBA accreditation process 1. Formulated college/department vission, mission statements as per NBA guidelines and disseminated to stakeholders. 2. Started working on criteria 1, 2 and 3

[View Uploaded File](#)

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

Plan of Action	Achivements/Outcomes				
Faculty development program	Conducted faculty development program on OBE				
Preparation of AQAR for NAAC	AQAR was submitted successfully				
Organising Induction program on incorporation of Universal Human Values for first year students	Conducted the Induction program on incorporation of Universal Human Values for first year students during the beginning of the semesters				
<a href="#">View Uploaded File</a>					
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>IQAC</td> <td>20-Feb-2021</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	IQAC	20-Feb-2021
Name of Statutory Body	Meeting Date				
IQAC	20-Feb-2021				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2020				
Date of Submission	25-Feb-2020				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Dhi Learning Management System The Institute employs ERP software for managing academic and administrative aspects. The student information is being made available to the stakeholders by adding the student information during the admission. Students, teachers and administration have access to the various modules of the system. The important Modules that are currently operational are: 1. Student attendance Teachers mark the daily attendance and the report of which is sent to the parents through SMS on the following day. Also the report is made available to the mentors for monitoring the student progress. 2. Leave management Teaching and nonteaching staff use this module for applying different types of leaves. 3.				

Lesson plan Faculty members will plan their teaching sessions at the beginning of the semester. The details of execution are updated after the lecture. The module has the features of writing the course outcomes, mapping of course outcomes with program outcomes and also the RBTL coverage. 4. Student marks The internal test and other assessment marks scored by the students will be tabulated and used for sending the progress report. Teachers can prepare the IA test question papers and its scheme of evaluation using this module. 5. Feedback Students feedback is collected for improving teaching learning process. Feedbacks are taken at regular intervals during the semester, at the end of the semester and also at the end of the program.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Srinivas Institute of Technology (SIT) is affiliated to Visvesvaraya Technological University, Belagavi and follows the curriculum and syllabus framed for the affiliated Engineering colleges. In order to ensure the effective curriculum delivery, SIT adopts its unique innovative methods and systematic strategies. The three phases of our systematic strategy comprises of Planning, Development & Implementation and Evaluation. During the Planning phase, all the departments submit the faculty requirement request. If any, to Internal Quality Assurance Cell (IQAC). IQAC collects the request and also verifies the infrastructure availability for smooth functioning of the forthcoming semester. Based on University academic schedule, college academic calendar of events comprising the reopening date, Internal Assessments date and the syllabus coverage of Internal assessment and completion date for each unit is framed before the commencement of the semester. During the Development phase elective subjects are finalized and subject willingness of the faculty members is collected. Based on the competence level of the faculty, subject allocation is done. The curriculum delivery includes traditional teaching, collaborative learning, self-learning, competition based on learning and supportive learning methods. Students are given supportive learning by preparing them for the University examination with different types of questions, theory based questions, twisted questions, problematic questions, case studies respectively. The peer learning and project based learning and activity based learning and ICT supported learning also will be provided for the students. During the implementation and evaluation phase, various tools such as Subject-teacher meeting, class teaching meeting, common subject meeting, Parent-Teacher's meeting, Class committee meeting will takes place. Online feedback and internal assessments play a major role in effective curriculum delivery and evaluation. The objectives of these meetings are given as additional information, thus our institution has achieved its excellence in imparting effective curriculum delivery through its unique innovative and systematic strategies.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NA	NA	Nil	Nil	NA	NA

**1.2 – Academic Flexibility**

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NA	Nil
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NA	Nil

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

**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
Management and Entrepreneurship for IT Industry.	01/07/2019	144
<a href="#">View Uploaded File</a>		

1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Aeronautical Engineering	56
BE	Automobile Engineering	48
MCA	Master of Computer Applications	27
Mtech	Master of Technology	2
<a href="#">View Uploaded File</a>		

**1.4 – Feedback System**

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Collection of Feedback from Parent, Student, Teacher, Alumni The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. The college maintains an IQAC as a quality consistence and quality enhancement measure. In supervision of IQAC, various departments and committees like Career Guidance, Anti-Ragging and Sexual Harassment Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues. Institute collects the feedback physically from stockholders viz. Students, Parents and Teachers on Curriculum which is prescribed by the university, further college website invites all stockholder to provide feedback through online. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. The provided feedback data is presented in the meeting for necessary implementation in curriculum. Feedback collected and analyzed: The data is analyzed and their suggestions are considered and placed before the HOD meeting for discussion and for possible incorporation in the curriculum. Syllabus Review is given by the concerned subject faculty at the end of semester with regard to implementation of syllabus, mode of presentation, lecture material, suggested books, and updated information. Curriculum Overview is an expositive survey done by every out-going batch with regard to syllabus designing, faculty sufficiency, campus placements, and infrastructure. Academic Audit Committee is formed to assess three major aspects, viz., Faculty Performance, Students Support System and Evaluation. Action Taken on Feedback from the stack holders: After collecting and assessing the feedback from the various stack holders on curriculum aspects, the valuable suggestions if any, will make notice to the university curriculum committee to possible changes in the course structure for the next curriculum regulation. The College follows a continuous review system of the curriculum. The College established an IQAC as a Quality sustenance and Quality enhancement measure. The IQAC has been infusing a sense of belongingness into the entire teaching faculty of the Institution. The functioning of various committees of the College strengthens the quality sustenance and enhancement measures to ensure the effective development of curricula. The college makes efforts to integrate socially relevant issues into the curriculum with the help of the different cells functioning in the college like Career Guidance Cell, Anti-Ragging Cell and NSS. IQAC has been organizing Faculty Development Program every year to enhance the professional competency and teaching pedagogy of the faculty. Curriculum is enriched through mini projects/ student conferences/symposiums and innovative club in the college. Students are also introduced to engineering as a profession that requires not only technological skills but also an ethical orientation, of the need for lifelong learning, and of the importance of Basic Sciences and Humanities courses. in many laboratory courses thereby stimulating creativity and innovation in students.

**CRITERION II – TEACHING- LEARNING AND EVALUATION**

**2.1 – Student Enrolment and Profile**

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
-----------------------	--------------------------	---------------------------	--------------------------------	-------------------

BE	Aeronautical Engg	63	46	41
BE	Automobile Engg	63	16	13
BE	Computer Science & Engg	126	130	106
BE	Electronics & Communication Engg	126	43	37
BE	Electrical & Electronics Engg	63	20	17
BE	Information Science & Engg	63	32	30
BE	Mechanical Engg	126	25	17
BE	Marine Engg	63	62	53
BArch	B.Arch	80	67	59

[View Uploaded File](#)

## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2103	230	147	21	26

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
194	149	5	70	42	6

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

At the beginning of an academic year, when students join the college for the first year, they will be put up in physics /chemistry cycle. The Heads of Departments of Physics and Chemistry allot about twenty students to a faculty member who becomes the mentor for these students for the running academic year. Once the allotment is done, the mentor-mentee meeting schedule is drawn. Usually there will be three meetings during a semester, preferably on the day after the internal tests. In the first meeting, the “Student Academic Record” of each student is filled in. It contains all the particulars like name, address, phone numbers of parents, photograph, etc. The periodic monitoring sheet for each student is filled by the mentor. This sheet contains the data of a particular student with regard to the internal marks and attendance up to that date of meeting. Discussion takes place between the mentor and the mentees with regard to the attendance and internal scores. In case of poor



performance, the parents are intimidated. The reasons for poor performance are understood by the mentors and suitable suggestions are given. The students are also advised to approach the concerned teacher for a particular subject wherein the student expresses difficulty in understanding. The mentor also tries to resolve some of the personal problems of the students, after taking them into confidence. The same procedure holds good for the remaining two meetings. All the Student Academic Records of the first year are sent to the respective departments. The heads of the various departments, will re-allot the mentors and this will be in force for the remaining 3 years except in case the mentor leaves the organisation. The previous year's marks of the university exams will be entered in the "Student Academic Record". Once the student completes his course, the Student Academic Record and all the other related formats will be handed over to respective Heads of Departments (HODs). Role of a Mentor: 1. Each mentor shall be allotted a maximum of 20 students and verifying contact numbers. 2. First year students will have mentors from basic science basic engineering branches. 3. A mentor from the parent department shall continue mentoring the same group of students from 2nd to 4th year. 4. In a semester a minimum of three meeting with the allotted students shall be arranged. a. The student data sheet, performance assessment and periodic mentoring reports shall be recorded b. Advice students in their career development and professional guidance. c. Contact parents / guardians if situation demands. d. Intimate HOD and suggest any administrative action required on the basis mentor-mentee meeting. 5. Continuously monitor, counsel and guide motivate students in all academic/ any other matters. 6. Shall maintain display the progress reports after each I. A test. The same shall be communicated to the parents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2333	109	1:21

## 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
236	194	42	8	21

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mr. LOKESH K S	Assistant Professor	VD Good Tech organization bearing profile ID - VD00536

[View Uploaded File](#)

## 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
BE	BE	I	25/01/2020	13/03/2020
BE	BE	III	09/01/2020	21/03/2020
BE	BE	V	06/01/2020	02/03/2020
BE	BE	VII	04/01/2020	25/02/2020
BArch	BARCH	I	09/01/2020	06/03/2020

BArch	BARCH	III	21/12/2019	06/03/2020
BArch	BARCH	V	01/01/2020	06/03/2020
BArch	BARCH	VII	01/01/2020	06/03/2020
MCA	MCA	I	12/02/2020	21/03/2020
MCA	MCA	III	12/02/2020	21/03/2020

[View Uploaded File](#)

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

College follows guidelines of VTU, Belagavi, for internal evaluation and assessment procedure. For undergraduate programs, the institute conducts three sessions. The sessional test is conducted for maximum marks of 50 marks for 18Scheme, 30 for 17 15 Scheme subjects. Question paper is set for 50 marks with two parts, students asked to answer one full question from each part. This mark is then converted out of 30 for 18 17scheme and 15 for 15 scheme. The remaining marks will be evaluated from other components like quiz, unit test and assignment. Evaluation rubrics are prepared and made available for students to maintain transparency. In laboratory related subjects, viva--voce is conducted for every practical session and record is maintained. Student practical record is also evaluated every practical session. A practical Internal Test is conducted at the end of semester. Four components are considered for evaluation, these conduction, record, viva-voce and test. For internship, seminar and practical subjects, rubrics are notified to students to know the mark distribution for each aspect of work. For the post-graduate program, the institute conducts two mid-exams of 25 marks each as per university norms, and the end semester examination is for 75 marks which are conducted by the university. After completion of the internal examination, the faculty evaluates the answer scripts and distributes to the students for doubt clarifications or re-correction. Mentor continually monitors each student for their performance in tests and regularity in attendance. Reforms in Evaluation process: 1. Awareness of evaluation and assessment system in orientation program. 2. Conducting tutorial classes to clarify doubts and re-explaining the critical topics. 3. Regular unit tests, Surprise test Quiz, assignments are conducted as per guidelines made at college level. 4. Monitoring the improvement in slow learners and encouraging the fast learners by reviewing their performance. Faculty conducts unit-test, collaborative learning practices, to evaluate students' performance to get better results. The distribution of marks to the various components of assessment will be decided by the respective faculty and will be announced in the class. Reforms in the Evaluation process followed during Covid-19 (EVEN semester ): 1. Two Internal tests were conducted in online mode. Extra 10 mins time was given for students to scan and upload answer sheets to google class room of the respective faculty. 2. Scanned answer sheets were evaluated and marks scored by the students were also notified to students. 3. Two internal tests were conducted for 30 marks and an average of two tests were added to other assessments. 4. One assignment of 10 marks was given to students, which is one of the components and an online quiz of 10 marks was conducted which is another component of the CIE. 5. Presentation of Final year Seminar, Internship and project were conducted in online mode. 6. Seminar, Internship and Project report were also evaluated online and asked students to upload final report to google classroom. 7. Students were asked to upload the video format project demonstration into Google Classroom of the coordinator

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar is a very useful informative document, which contains the

most important dates to guide the teachers, students and other stakeholders. It also monitors various academic and extracurricular activities. Before the commencement of every semester college prepares a semester calendar. The calendar is prepared after discussion with various Head of Departments headed by the Principal. The Academic calendar is designed in lined with the affiliating Visveswaraya Technological University's Academic calendar and takes into consideration the holiday declared by the Government. The few guidelines set by University to conduct Internal tests, number working days (or week) for the semester is also followed. Academic calendar provides important information about working weeks, dates fixed for conducting various activities, internal examinations, extra co-curricular activities, tentative start date of semester based examinations. The college also has a very good record of conducting a good number of extra-curricular activities, project exhibition, sports events, inter and intra college events such as Envision, Altius, Prathibha etc. Dates for conducting these activities are also indicated in it. Final version is distributed to the departmental teachers and the students and also made available on the college Website, notice board and college management system software DHI. The Institute strongly trusts transparency in its functioning. The institute has a well-defined standard operating procedure to develop the academic teaching plans and it follows a well-defined academic calendar. The effectiveness of the process is maintained through effective monitoring by the Principal.

## 2.6 – Student Performance and Learning Outcomes

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

<https://sitmng.ac.in/SIT/MORE/AOAR>

### 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
AE	BE	Aeronautical Engg.	56	54	96.43
AU	BE	Automobile Engg.	48	48	100
CS	BE	Computer Science Engg.	127	127	100
EC	BE	Electronics & Communication Engg.	85	83	97.65
EE	BE	Electrical & Electronics Engg.	36	35	97.22
IS	BE	Information Science and Engg.	46	46	100

ME	BE	Mechanical Engg.	185	185	100
MR	BE	Marine Engg.	33	33	100
AT	BArch	Architecture	64	63	98.44
MBA	MBA	Master of Business Administration	87	87	100
<a href="#">View Uploaded File</a>					

## 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)

<https://sitmng.ac.in/SIT/MORE/AQARR>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	1095	KSTePS/VGST-CISEE	30	10
Major Projects	365	KSCST	0.54	0.54
<a href="#">View Uploaded File</a>				

### 3.2 – Innovation Ecosystem

3.2.1 – 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
Machine Learning and Robotics	Aeronautical engineering	24/02/2020
Basics of Python Programming and its applications in Aeronautics/Aerospace Industry	Aeronautical engineering	18/04/2020
Hands on: Prior Art Search for Patenting	Automobile	03/09/2019
Effect of Architecture Buildings	DEPT. OF ARCHITECTURE	11/11/2019
Cyber Safety and Consumer awarness	CSE	24/08/2019
Machine Learning and Artificial Intelligence	CSE	24/10/2019
Technical talk on Ergonomics- Man Machine Interface	EEE	22/08/2019

JCI India Skill Development Training program "Employee or EmployMCAer?"	MCA	03/06/2020
Industrial Automation and Applications of IOT	Marine Engineering	25/07/2019
Prior Art search	CSE	27/08/2019

### 3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
COA Heritage award 2019	Students of Department of Architecture	Council of Architecture (COA) New Delhi	14/08/2019	Citation at National Jury for Excellence in Heritage Documentation
<a href="#">View Uploaded File</a>				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	Nil
No file uploaded.					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Aeronautical	1	Nil
International	Automobile	4	Nil
International	CSE	13	6.5
International	EEE	3	1.00
International	ISE	15	Nil
International	MBA	1	Nil
International	Mechanical Engg	13	Nil
International	Nano Technology	5	0.52
<a href="#">View Uploaded File</a>			

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

Department	Number of Publication
------------	-----------------------

Aeronautical	4
Automobile	3
EEE	5
MBA	8
Nano Technology	2
<a href="#">View Uploaded File</a>	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Adept-disseminated arithmetic-based discrete cosine transform	Jose Alex Mathew, KB Sowmya	Emerging Technologies in Data Mining and Information Security, Springer, Singapore	2019	2	Srinivas Institute of Technology, Mangalore 574143, India	1
Heat Transfer Analysis of Triple Tube Heat Exchanger Using Water And Titanium-Dioxide Nanofluid	Shareefraju J.U., Naveen Kumar J. R.	ICTEA: International Conference on Thermal Engineering	2019	0.4	Srinivas Institute of Technology, Mangalore 574143, India	1
Preparation and Mechanical Testing of E-waste Glass Filled Polymer Composites	Lokesh KS	International Journal of Scientific Research in Mechanical and Materials Engineering (IJSRMME)	2019	5.167	Srinivas Institute of Technology, Mangalore 574143, India	Nil
Experimental Study on Effect of Silicon Carbide and Graphite particles on	Lokesh KS	International Journal of Scientific Research in Mechanical and Materials	2019	5.167	Srinivas Institute of Technology, Mangalore 574143, India	Nil

Mechanical Behaviour of Aluminium-6061 Alloys	Engineering (IJSRMME)				
<a href="#">View Uploaded File</a>					

### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	Nil	Nil	Nil	Nil
No file uploaded.						

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	137	15	11
Presented papers	13	1	Nil	Nil
Resource persons	Nil	Nil	Nil	1
<a href="#">View Uploaded File</a>				

## 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood donation camp	KMC Blood bank	10	120
Swachh Bharat Abhiyan	NSS EEE	4	40
Swachh Bharat Abhiyan	NSS	4	15
Swachh Bharat Abhiyan	NSS	3	16
Swachha Abhiyaan	Ramakrishna Mission	2	23
<a href="#">View File</a>			

### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Documentation of Architectural Heritage	COA Heritage award 2019	Council of Architecture (COA) New Delhi	14

Blood donation camp	Certificate of Appreciation	KMC Blood bank	146
<a href="#">View File</a>			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachha Abhiyaan	Ramakrishna Mission	Swachha Abhiyaan	3	22
Outreach Program to High school students	Government High School, Ajjibettu, BC Road, Bantwal.	Outreach Program to High school students	3	20
<a href="#">View File</a>				

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Urban Design Study Tour – August 2019	4th yr B. Arch Students	Self	7
<a href="#">View File</a>			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Professional Training (Internship)	Professional Training 15 Arc 9.1	9 sem, B, Arch Students needed to work in an reputed Architectural firm for 4 month	01/07/2019	01/11/2019	12
Internship	Internship	Maruti Care (Maruti Authorised Service Station)	08/07/2019	08/08/2019	1
Internship	Internship	Bengaluru aircraft Industries Pvt Ltd	01/01/2020	30/01/2020	2

[View File](#)



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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Epitas	08/06/2019	Internship programme to students/workshops to students	54
Government First Grade College Miraje , Bantwal	30/03/2020	Workshop	28

[View File](#)

## 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
264	275

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added

[View File](#)

### 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 patially)	Version	Year of automation
Easylib	Fully	4.3.3	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	32315	15801830	398	356488	32713	16158318
Reference Books	13377	4594235	62	25946	13439	4620181

e-Books	63262	11547871	17361	1889250	80623	13437121
Journals	428	744971	13	54965	441	799936
e-Journals	9515	Nill	1076	Nill	10591	Nill
Digital Database	3245	Nill	Nill	Nill	3245	Nill
CD & Video	Nill	184859	Nill	Nill	Nill	184859
<a href="#">View File</a>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NA	NA	NA	Nill
No file uploaded.			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	800	620	30	0	0	23	127	100	0
Added	7	0	0	0	5	2	0	0	0
Total	807	620	30	0	5	25	127	100	0

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

100 MBPS/ GBPS
----------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	<a href="#">NA</a>

#### 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
290	300.5	260	266.2

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)

Every department maintains a stock register for the available equipments and furniture. Stock verification is being done at the end of every year. Civil and

electrical maintenance works will be looked after by the separate maintenance cell. Few of the equipments are maintained through AMC by external agencies. Buildings/classrooms: All the buildings are inspected regularly and repairs are carried out as per the need. All the buildings are painted as and when needed.

Equipments: Lab equipments are being maintained with proper maintenance schedules, Breakdown, Routine and planned maintenance. Computing facility/laboratory: It is maintained by System Administrator and his team. Preventive maintenance, inspection and servicing activities are being carried out regularly Library: Library Committee serves in an advisory capacity to the College Library on matters of general policy, planning, programs, goals, and objectives. Each Department of the College has one or two representatives in the committee. The tenure of the committee is for a period of one year. The committee meets on first Saturday of every month and minimum thrice in each semester. The Committee takes care of up gradation of library in meeting the faculty and students needs. Sports: Sports committee takes care of the requirements to be fulfilled every year as per the students needs. Greenery: Greenery (Lawns, Plants Trees) Stretches are maintained by a gardener.

<https://srinivasuniverstrg.blob.core.windows.net/srinivas-institute-of-technology/4.4.2.pdf>

## 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	Freeship	11	117600
Financial Support from Other Sources			
a) National	Taluk social welfare office freeship, Hindulida Vargagala Elakke, Department of technical education, Sitaram Jindal Foundation	782	15669660
b) International	Nil	Nil	Nil

[View File](#)

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 implemetation	Number of students enrolled	Agencies involved
Soft skill development- Odd	01/07/2019	1539	Training Service, JVGlobal Services LLP, Seventh Sense People Development Solutions Private Limited
Soft skill development- Even	03/02/2020	857	Innovations Unlimited Training Service, JVGlobal Services LLP, Seventh Sense

			People Development Solutions Private Limited
Remedial coaching	01/08/2019	375	Internal Faculties, SIT Mangaluru
Language lab	03/10/2019	158	Dr. Ambika G Mallya, Associate Professor, MBA Department, SIT, Mangaluru.
Bridge courses	01/08/2019	153	Internal Faculties, SIT Mangaluru
Yoga and Meditation	07/08/2019	136	Mr. Rakesh Mallya P, Assistant Professor, Department of Electronics Communication, SIT, Mangaluru
Personal Counselling	01/08/2019	29	Internal Faculties, SIT Mangaluru
Mentoring	01/08/2019	1615	Internal Faculties, SIT Mangaluru
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Talk on Exposure to Competitive exams	771	Nil	1	Nil
2019	Placement and Career Counselling Talk	Nil	779	Nil	427
<a href="#">View File</a>					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
TCS Ltd. Saankhya Labs Cadence KOTAK MAHINDRA BANK Madhus Garage Equipments Pvt. Ltd. Rakuten India Enterprise Pvt. Ltd. Infosys Ltd. Infy TQ Cognizant iWave Systems Technologies Pvt. Ltd. Techjini Robosoft Technologies Pvt. Ltd. IBM	779	383	Volvo Rajmane Industries, Bangalore Goal Technologies Great Eastern Shipping Co. Ltd. Micro Degree Nandi Toyota Pvt. Ltd. Seventh Sense Slkein Solutions Wilhelmsen shipping company Scorpio Marine Management Valles Steam Ships Ltd	245	44
<a href="#">View File</a>					

### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.E	Nanotechnology	FH Münster University of applied sciences, Germany	Material science and engineering
2019	1	B.E	Mechanical Engineering	NMAMIT, NITTE	Energy System Engineering
2019	1	B.E	Automobile Engineering	Srinivas Institute of Technology.	Industrial automation and Robotics
2019	1	B.E	Aeronautical Engineering	IIT, Kanpur	Flight Mechanics & Controls
2019	1	B.E		Institute	Energetics

Aeronautical Engineering	Supérieur de l'Aéronautique et de l'Espace - ENSMA, France	Propulsion
--------------------------	--	------------

[View File](#)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1

[View File](#)

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

Activity	Level	Number of Participants
Kannada Rajyotsava	Institutional	200
Abhiyana-2019	Institutional	200
Prathibha	Institutional	250
Envision-2020	National	989

[View File](#)

### 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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nil	NIL	Nil	Nil	Nil	Nil	NIL

No file uploaded.

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

The Student Council is the representative body of the students. The Institute provides a platform for the active participation of the students in the various academic administrative bodies including other activities. This inspires the students in achieving leadership qualities, rules, regulations and execution skills. The Council makes the students participate in the development of the institute as well as in the process of developing their personality and career through interactive programs with the faculty, administration and society. The goal of the student council is to provide a common platform to students for co-curricular and extra-curricular activities. The council is responsible to look after all the major technical, cultural, literary and sports activities organized in the college premises. Composition, Duties and Responsibilities of the Council: Sl. No Name of the Position Responsibilities a) President - Spearheading the council activities and planning b) Vice-President - Looks after Planning and feasibility measures c) Secretary - Executing and monitoring the calendar of activities across the academic year. d) Joint Secretary - Executing and monitoring the calendar of activities across the academic year. e) Treasurer - To plan the budget for the various events handled by the student council, manage the Disbursement of funds allocated to the council and prompt preparation of statement of accounts. f) Cultural Secretary - To organize intra

and inter collegiate Cultural Festival members of the committee will have responsibilities such as choosing the talent for the events, coming up with an interesting relevant theme that unifies people, advertising events, and recruiting volunteers also create awareness of participation in these events both inside and outside the campus g) Sports Secretary - To spread awareness of sports in the campus through intra and inter collegiate as well as university level sports participation and organization of such events. h) Editor - Spreads the news about the events and generates report to the newspapers and magazines. Overall looking after publicity of collegiate and intra collegiate events. i) Placement Coordinator - To assist in placement activities with placement officer in the college and with pool campus activities j) Envision Organising Secretary - Envision Organising Joint - Secretary To organize intra and inter collegiate Technical Festival members of the committee will have responsibilities such as choosing the talent for the events, coming up with an interesting relevant theme that unifies people, advertising events, and recruiting volunteer also create awareness of participation in these events both inside and outside the campus. k) Cultural Events Organising Secretary- To organize intra and inter collegiate Cultural Festival members of the committee will have responsibilities such as choosing the talent for the events, coming up with an interesting relevant theme that unifies people, advertising events, and recruiting volunteers also create awareness of participation in these events both inside and outside the campus l) Sports Day Organising Secretary - To spread awareness of sports in the campus through intra and inter collegiate as well as university level sports participation and organization of such events.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. Registered Number : DRDK/SOR/35/2018-19 Srinivas Institute of Technology has organized Online Alumni Meet -2020 on 19th September. The alumni meet is conducted every year in order to reconnect with the Alumni and celebrate their success and various achievements. Dr. Shrinivasa Mayya D, the principal of the college was the president of the program. He congratulated all Alumnis of the college for their success and growth, and also highlighted the importance of their role in shaping the growth of the institution. Prof. Sathyaprakash, Secretary, Alumni Association welcomed the gathering, Dr.Ajay S Joseph, Coordinator, Alumni Association, read the agenda of the program. Prof.Dawn Prakash, President, Mrs.Rachitha, Vice President, and Mr.James Mohan, General Secretary of Alumni Association addressed the gathering. Hods of all the departments briefed about their departmental activities and also their students achievements. More than 500 Alumni of the college working in reputed organizations across the world were present during the program and shared their views. Within one hour, the Facebook live page of the program crossed 1500 views. Mr.Krishna Shenoy, Treasurer, Alumni Association, presented a vote of thanks. Prof.Rashmi, Faculty, MBA Department was the Master of Ceremony of the program.

5.4.2 – No. of enrolled Alumni:

1085

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meeting was held on 19-09-2020 in online mode. About 900 alumni have

participated in the meet. Activities: Alumni address Department of Aeronautical Engineering: Abhishek Anand , 3D Printing Technology - Design Your Desires on 12/10/2019 Department of Automobile Engineering: Akshay V, Opportunities for an Automobile Engineer in the changing scenario of hybrid and electric vehicles on 19/08/2020 Department of Electronics and Communication Engineering: Mr.Krishna Pavan, Preparation strategies for UPSC/KPSC Examination on 12/11/2019. Ms.Manojna, Importance of projects and placements on 31/10/2019. Ms.Archana, Requirements and preparation for the placements on 19/08/2019 Department of Mechanical Engineering: Mr. Shreyus Nayak, Benefits of Being a Merchant Navy Officer on 11/02/2020 Department of Nanotechnology: Nagesh Bhat, Opportunities for higher studies with scholarship in abroad India on 13/09/2019. Krishnaraj Acharya, Process Approaching to the world wide reputed universities for higher studies in Nanoscience Nanotechnology on 17/09/2019

## **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)

Decentralization The organizational structure of the College involves leadership at several levels. Decentralization has been highly effective in taking decisions and implementing them. Both the top down and the bottom up approach are used to initiate new plans / suggestions. The Institute promotes decentralization in academic and co-curricular activities involving staff members and students. Participatory management Participatory management approach is practiced at different levels in the college and stakeholders are involved in the process of decision making based on shared insight. This approach is particularly implemented to experience the benefit of participatory management. Participative Management involving staff and students The Governing council of the college has two faculty representatives with the Principal as Ex-officio member. At the institutional and department levels, frequent meetings are conducted involving faculty members, heads of the departments and office bearers of various committees, for effective implementation of policies and plans. Various committees Internal Assessment: Responsible for conducting the internal Assessment test in an efficient and effective manner. College Magazine: Committee is responsible for coming up with the annual magazine of the college. Discipline/Dress Code: The discipline committee ensures that the college discipline is followed by all the students in the college. Anti Ragging: The committee ensures that the campus is free from ragging. The flying squad of the committee visits the various locations of the college campus and hostels to ensure that the campus is ragging free. Project: The committee consists of coordinators from all the departments headed by a senior faculty member lays down the guidelines for final year student projects. Web/Publicity: The committee takes the responsibility of giving news articles to newspapers for various programs conducted in the college. Placement support: The committee working under the training placement department has faculty student members from various departments. Lalitha Ranga: The committee takes the responsibility of organizing various cultural activities and competitions on different occasions. Sports Recreation: The committee organizes number of sports meets. The committee encourages and facilitates the students to take part in sports activities organized at the college, university, state and national levels. NSS: The college has an active NSS unit which aims at developing student personality through community service. Alumni Cell: The cell has built a network of alumni. It organizes guest lectures and invited talks from illustrious alumnae. Green Cell: The cell ensures that the college adopts various green initiatives such as energy water conservation, waste management and green landscaping. Counseling Career Guidance: The objectives of the cell include improvement of teacher-student relationship, counselling students for



solving their personal problems and provide confidence to improve their quality of life. EDP Cell: This identifies and motivates students to become entrepreneurs. It invites entrepreneurs and organizes workshops and talks to guide the students to become entrepreneurs. Internal Quality Assurance (IQAC): IQAC prepares annual plan regarding the efforts towards quality enhancement. Student Council: The council consists of class representatives as members from all the departments, both UG and PG.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	<ul style="list-style-type: none"> <li>• Admissions are done on the basis of norms laid down by the University.</li> <li>• Admission committee is formed to give carrier guidance program to students of PU colleges to opt out for different courses.</li> </ul>
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• As part of interaction with industries MOU's has been signed with universities, industries and national or international institutions.</li> <li>• Faculty development, faculty enablement programs are arranged to improve teaching or learning process of staff members.</li> <li>• Students undergo internships as a part of curriculum to have practical exposure to the latest technologies.</li> <li>• Guest lectures are arranged to impart practical application of concepts for different courses to students by working employee's of companies.</li> </ul>
Human Resource Management	<ul style="list-style-type: none"> <li>• Faculties are motivated to upgrade themselves by participating in different Workshops.</li> <li>• The college encourages them for qualifying in the NPTEL, NET and SET, GATE examinations and to participate in PHD programs.</li> <li>• The college releases the teachers concerned for refresher courses, orientation courses, workshops, seminars and conferences.</li> </ul>
Library, ICT and Physical Infrastructure / Instrumentation	<ul style="list-style-type: none"> <li>• Library is regularly updated and upgraded by adding new text books, reference books, magazines, news papers, e-journals e-books.</li> <li>• Library is equipped with more than 44,692 in reference section along with journals, news papers and previous question papers along with general competitive books, facilitating students' overall development.</li> <li>• Digital library is also</li> </ul>

provided for the students to gain access into different e-books, e-journals etc. • Easylib software is used for faster issue/return of books that also includes OPAC. • Tutnit on software is a newly added tool/software for students to submit their project reports to identify similarities with existing sources, and can also be used in formative assessment to help students learn to avoid plagiarism and improve their writing.

Research and Development

• As part of research and development, research papers were presented by faculty members at National and International seminars. • Also papers were presented in conferences and research papers were published in Journals with good impact factors. • Faculties are encouraged to give research topics for major projects of students. • Faculties are advised to arrange National and International level seminars, workshops and conferences etc.

Examination and Evaluation

Designing assessment schemes for higher level technical courses in engineering is a challenge nowadays, especially in a changing educational environment. Due to changing times there is need for flexibility in assessment of the engineering education. • We have introduced of digitization in examination system has enabled quick evaluation of answer papers and revaluation. • Also continuous evaluation methodology which has been introduced (quiz, assignments) has enabled an enhanced learning process. • Question papers and schemes are uploaded to enable students to know scheme of evaluation for tests • An Internal assessment test committee, consisting of a coordinator at the Institution level and departmental coordinators, conducts the IA tests as per the schedule. A notification is issued regarding the IA test guidelines and rules for both students and faculty members. • Details of IA marks, scheme of evaluation are made available to the students online. Also the IA marks will be displayed in the department notice boards within a week time after completion of each internal test, monitored by the class teacher. • After each internal test, progress reports

with cumulative attendance and test marks are sent to the parents by the heads of the departments. • The final consolidated list of IA marks awarded to the students is displayed in the notice board. Individual student verifies his/her marks and acknowledges the same. The ward of the students will be informed about the progress and marks obtained through SMS.

Teaching and Learning

With more emphasis being placed on flexible learning modes and flexible assessment schemes, we have incorporated Student's engagement/ participation mandatory in the form of Seminar per subject per semester using Power Point Presentation (PPT). Quiz, assignments are conducted every month for evaluations. Also, newer and innovative teaching approach has been incorporated keeping in mind the Blooms taxonomy of learning. Continuous evaluation records are maintained to test understanding from time to time Theory subjects are related to the real time requirements of Industries Industry visits to enhance this are done.

Curriculum Development

The development of a curriculum which adapts to latest technology is one of the main elements in education in order to achieve our goals. Newer industry oriented subjects have been introduced in the curriculum. Seminars, internships have been incorporated in the curriculum with due mark weight-age for it. We also have introduced technical English language to improve the presentation skills. More emphasis is laid on practical knowledge and hence the weight-age of marks for practical exams has been increased. Our Educational curriculum in this academic year has its plan amendments made keeping in mind the educational outcomes, learning outcomes and a specific outcomes in each learning level which is supposed to be represented in the curriculum.

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

E-governance area	Details
Administration	<ul style="list-style-type: none"> <li>• Planning and execution of class</li> <li>• Staff Leave Management</li> <li>• Progress Report to parents</li> <li>• Student feedback system</li> </ul>

Finance and Accounts	• Salary management
Student Admission and Support	• Student details • College Time Table • Record student attendance • Record Internal exam marks
Examination	• Online Exam Application • Internal Mark Entry • Online thesis management for PG/PhD • Attendance Entry • Question Paper Management

### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	NA	NA	NA	0
No file uploaded.				

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	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Industrial Automation and Applications Of IOT - 2019	Nil	25/07/2019	27/07/2019	36	Nil
2020	Two - Day Orientation workshop on "Accreditation Process -NBA jointly organized by RVCE, Bangalore and IQAC, Srinivas Institute of Technology, Mangalore under Share Mentor (Ma	Nil	13/01/2020	14/01/2020	115	Nil

	rgghadarshan) Scheme of AICTE.					
2019	Electronic System Design for manufacturing using EDA tools	Nil	11/12/2019	13/12/2019	12	Nil
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Five days workshop on "Outcome based education and NBA accreditation" organised by MITE College Mangalore	10	30/12/2019	03/01/2020	5
Two - Day Orientation workshop on "Accreditation Process -NBA jointly organized by RVCE, Bangalore and IQAC, Srinivas Institute of Technology, Mangalore under Share Mentor (Marghadarshan) Scheme of AICTE.	115	13/01/2020	14/01/2020	2
One week national level Faculty development programme on "HR Analytics" held at Don Bosco Institute of Technology, Bangalore.	1	26/08/2019	31/08/2019	6
<a href="#">View File</a>				

## 6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
194	194	90	90

## 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Gratuity, Maternity leave, Tuition fees concession	Gratuity, Maternity leave, Tuition fees concession	Medical Insurance

## 6.4 – Financial Management and Resource Mobilization

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

**Internal Financial Audit** Internal financial audit is conducted by the accounts officer of the institute. Income and expenditure for the financial year prepared by the accounts section is placed before the internal auditor. Suitable suggestions and remarks are given by the auditor to rectify the accounts. **External Financial Audits** The institute has an effective mechanism for auditing the accounts. The accounts of the college are audited by chartered accountant regularly as per the Government norms by a chartered accountant. The auditor conducts statutory audit at the end of financial year. The auditor checks the receipts with fee receipts payments with vouchers and relevant supporting documents. After the audit, the report is sent to the Management for review. The finalization of the balance sheet is done by external auditors after examination of books of accounts.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Board for IT EDUCATION STANDARDS	18000	Three Days Hands-on Workshop on "ELECTRONIC SYSTEM DE- SIGN FOR MANUFACTURING USING EDA TOOLS" in association with BITES, Bangalore from December 11-12-2019 to 13-12-2019.
<a href="#">View File</a>		

## 6.4.3 – Total corpus fund generated

00
----

## 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	AAA committee
Administrative	No	Null	Yes	AAA committee

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

Parent - Teacher meetings were conducted (offline/online). Issues related to academics and hostel were discussed. Suggestions from parents were incorporated.

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

Institute also emphasizes on the enhancement of skill of the support staff by organizing skill based training. Support staff members are encouraged to attend the development workshops organized by other institutions. Regular workshops/ training are conducted by various departments for continuous up gradation of support staff skills.

#### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Teachers are encouraged to involve in Research activities. 2. Students and Faculty members are encouraged to do NPTEL courses. 3. Infrastructure development and providing better sports facility. 4. Feedback mechanisms from stakeholders.

#### 6.5.5 – Internal Quality Assurance System Details

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

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	2 Days Orientation Workshop on "Accreditation Process- NBA"	13/01/2020	13/12/2020	14/12/2020	115

[View File](#)

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Youth Against rape	25/09/2019	25/09/2019	78	98
Induction Programme: Awareness on Antisexual harassment	16/08/2019	21/08/2019	125	0
Positive Attitude towards life	06/09/2019	06/09/2019	110	132

Self protection and defence	16/09/2019	16/09/2019	118	0
Women's Day celebration	11/03/2020	11/03/2020	142	0

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

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

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	19/08/2019	1	Donated Rs 23,510 towards Flood relief to district commissioner	Donation	50

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct Manual	01/07/2019	The manual contains the following titles: 1. DUTIES AND RESPONSIBILITIES OF GOVERNING BODY 2. Duties and responsibilities of Principal 3. Duties and responsibilities of Head of the Departments 4. Duties and responsibilities of Faculty 5. Duties and responsibilities of supporting staff. 6. Code of Conduct for Students



1.General Rules  
 2.Academic Guidelines  
 3.Dress Code GENERAL  
 RULES Each student should have certain goals in his / her life. In order to achieve their goals, they should develop good manners, and accept to adopt certain principles. The discipline committee monitors the code of conduct of students regularly. If any discrepancy committee members guides the student in proper direction.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Constitution Day	26/11/2019	26/11/2019	169
Invited Talk on "Mind control and Long Term goal"	08/08/2019	08/08/2019	240
Universal Human Values	20/08/2019	20/08/2019	240
A programme on Drug Awareness	20/09/2019	20/09/2019	250
Stress management- Introduction	01/10/2019	01/10/2019	240
<a href="#">View File</a>			

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

Solid Waste Management
Recycling of water
Rain Water harvesting
Ban on plastic in the campus
Landscaping of the campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Describe at least two institutional best practices BEST PRACTICE - 1 Title of the Practice: Student mentoring System A batch of 20 students is allotted to a mentor (counsellor). Each counsellor maintains the academic records of allotted students. Counsellor has direct communication with the students. The students meet the respective counsellors regularly. The academic progress of each student is communicated to their parents and appraised of the performance their parents are advised to meet the counsellor faculty members for discussing corrective measures. The counsellors initiate to arrange tutorial classes for slow learners. BEST PRACTICE - 2 Title of the Practice: Student Activity Forums for Excellence (SAFE) The main objective of the practice is to give the

platform for students to showcase the talents in their interested area. The general association programmes conducted by the institution may restrict the number of participants. Talents of several students may not come into notice. Many students are skilled in several events or activities. Such students are provided with an opportunity to actively participate in particular club which brings the students of similar skills together. In this aspect, following Associations Are formed in the institution for Academic year 2019-20. 1. Sports and recreation 2. Kannada Sangha 3. Lalitha Ranga 4. Aero Club (AMARA) 5. College Magazine 6. NSS 7. SAE collegiate Club 8. CSI Student Chapter 9. IEI Student Chapter

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

<https://srinivasuniverstrg.blob.core.windows.net/srinivas-institute-of-technology/7.2.pdf>

### 7.3 – Institutional Distinctiveness

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

Transformation of economically and socially weak students-A success story

Substantial numbers of students with socially weak and economically poor background take admission for various programs of the institute every year. The identification of the students background is on the basis of government quota. Economically poor students are identified as those who take admission under Super Numerary Quota (SNQ). Socially weak students are identified as those who take admission under SC/ ST/ OBC category. When these students get admitted in to the institute , slow learners among them are segregated and they are asked to attend bridge courses in the subjects like mathematics , computer science, basic electronics etc. This enables them to be comfortable with some of the engineering courses requiring the above knowledge. At the beginning of the 1stsemester, an orientation program is arranged which introduces various engineering streams and gives an overview of the different courses. This program facilitates the students to understand and clarify the purpose pursuing engineering program of their choice. The institute has a student mentoring system, where in 20 students are taken care by a mentor. They meet regularly to set right issues if any. Mentor act as a local guardian, who helps the students to overcome home sickness and other psychological issues. The mentor takes special care about the economically and socially weaker students by interacting with them separately. In the second year, in-order to build self-confidence and self-assurance students are made to search technical journals, analyze it, prepare a paper and present it on a day identified (ISAP program). This presentation is critically evaluated and the feedback is give n to the student for further improvement. Students are motivated to join various clubs and associations for participating in various activities. Special attention is given weaker students and they are motivated to take part in extra-curricular and c o-curricular activities. Special training sessions are arrange d on soft-skills to nurture them in the process of getting them placed. In addition the training placement cell organizes sessions on personality development programs on a regular basis which helps them to become academically socially strong and build up se lf-confidence among them. These students are encouraged to participate in various techno-cultural activities being held in various professional institutes. Special technical seminar and workshops are conducted in the departments to expose them for the industrial trends and techniques. They are also made to undergo internships in industries and RD organizations for gaining hands on experiences. Extension activities and outreach programmes are arranged to make them aware of their social responsibilities. The academically weak students are identified by the mentors and are facilitated

with tutorial and remedial classes throughout. All the above measures are aimed at transforming economically and socially weak students and make them self-reliant employable.

Provide the weblink of the institution

<https://srinivasuniverstrg.blob.core.windows.net/srinivas-institute-of-technology/7.3.pdf>

### **8.Future Plans of Actions for Next Academic Year**

Institute is always striving to achieve world class research platforms and also adopt innovative methods in teaching learning to fulfil the vision of the institute. The institute has future plans and initiatives to ensure continuous improvement in engineering and management education. It is proposed to establish well equipped research laboratories in every department. Also it is planned to establish incubation centre, knowledge hubs and skill development centres for the benefit of faculty and students.