



# YEARLY STATUS REPORT - 2020-2021

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	Sapthagiri College of Engineering
• Name of the Head of the institution	Dr. H Ramakrishna
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08028372800
• Mobile no	9880703600
• Registered e-mail	principal@sapthagiri.edu.in
• Alternate e-mail	principal@sapthagiri.edu.in
• Address	Sapthagiri College of Engineering , #14/5 Chikkasandra, Road, Bengaluru - 560057

• City/Town	<b>Bengaluru</b>
• State/UT	<b>Karnataka</b>
• Pin Code	<b>560057</b>
<b>2.Institutional status</b>	
• Affiliated /Constituent	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>
• Financial Status	<b>Self-financing</b>
• Name of the Affiliating University	<b>Visvesvaraya Technological University</b>
• Name of the IQAC Coordinator	<b>Dr. Shripad Markande</b>
• Phone No.	<b>08028372800</b>
• Alternate phone No.	<b>9448349733</b>
• Mobile	<b>9844217187</b>
• IQAC e-mail address	<b>iqac@sapthagiri.edu.in</b>
• Alternate Email address	<b>iqac@sapthagiri.edu.in</b>
<b>3.Website address (Web link of the</b>	<b><a href="https://www.sapthagiri.edu.in/uploads/3acadd712c284c2656">https://www.sapthagiri.edu.in/uploads/3acadd712c284c2656</a></b>

<b>AQAR (Previous Academic Year)</b>	
<b>4. Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>if yes, whether it is uploaded in the Institutional website Web link:</li> </ul>	<a href="https://www.sapthagiri.edu.in/uploads/e1961d35a35843c30:">https://www.sapthagiri.edu.in/uploads/e1961d35a35843c30:</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from
<b>Nil</b>	<b>A</b>	<b>3.02</b>	<b>2021</b>	<b>08/02/2021</b>

<b>6. Date of Establishment of IQAC</b>	<b>15/04/2014</b>
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### 7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with d
<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>
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<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
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<b>9. No. of IQAC meetings held during the year</b>	<b>4</b>
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<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and</li> </ul>	<b>Yes</b>
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<p>compliance to the decisions have been uploaded on the institutional website?</p>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<p>No File Uploaded</p>
<p>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</p>	<p>No</p>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	

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

1. Uploaded and defended SAR for NBA for departments of CSE, ECE, EEE, Conducted Webinar on NEP-2020 during August -2020. 3. Eight more research institution were added to the VTU grid. 4. Number of Functional MOUs were increased to 34. 5. Conducted International Conference - Global Convergence Technology, Entrepreneurship, Computing and Value Engineering: Principles 2021, during 16th and 17th July-2021.

**12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Q and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
<p>Planned to organize International Conference 2021</p>	<p>Conducted on 16th and 17th July-2021, International Conference 2021 (ICGCP-2021) in which more delegates participated and presented their Proceedings of the conference was published</p>
<p>Planned to organize FDP in the emerging areas by</p>	<p>Organized FDP on latest trends in Fluid Mechanics, Mathematics, Mechanical and Civil Engineering</p>

<b>Mathematics, Mechanical and Civil Engineering Departments.</b>	
<b>Planned to conduct webinar on NEP-2020</b>	<b>Organized webinar on NEP - 2020 on August</b>

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
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- Name of the statutory body

<b>Name</b>	<b>Date of meeting(s)</b>
<b>Governing Council Meeting</b>	<b>03/02/2022</b>

#### 14. Whether institutional data submitted to AISHE

<b>Year</b>	<b>Date of Submission</b>
<b>2020</b>	<b>15/02/2020</b>

### Extended Profile

<b>1. Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>345</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>2. Student</b>	
2.1 Number of students during the year	<b>2675</b>
<b>File Description</b>	<b>Documents</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>237</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>

2.3		639
Number of outgoing/ final year students during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
<b>3.Academic</b>		
3.1		161
Number of full time teachers during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
3.2		149
Number of sanctioned posts during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
<b>4.Institution</b>		
4.1		53
Total number of Classrooms and Seminar halls		
4.2		368.24
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		775
Total number of computers on campus for academic purposes		

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and docum

The institution ensures effective curriculum delivery through a well-pl process.

Sapthagiri College of Engineering is an ISO 9001-2015 & 14001-2015 certi affiliated to Visvesvaraya Technological University (VTU) and follows t prescribed by the university. However the curriculum is prepared by the with Institution's Vision and Mission.

### Curriculum Planning, Delivery & Review

1. Calendar of events is prepared to include academic, sports and cultural to the commencement of the academic year (AY), Time table is prepared by faculty and students.
2. The course plan is prepared by the concerned faculty and delivered through PPT presentations, use of illustrative models, ICT tools like NPTEL and innovative teaching methods like case studies, role plays etc.
3. Certification/Add on courses, guest lectures, webinars, and workshops with IQAC-approval to enhance students' knowledge in current trends.
4. Curriculum is also delivered through various activities through cell integrating cross cutting issues like gender sensitization, environmental professional ethics and human values.
5. The effectiveness of curriculum implementation is reviewed regularly.

File Description	Doc
Upload relevant supporting document	
Link for Additional information	

#### 1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous

Sapthagiri College of Engineering is affiliated to the Visvesvaraya Technological University and the college calendar of events (COE) is prepared in line with the university events by including weekly working days, holidays, government holidays, dates, practical examination dates, PTM schedule, sports day, cultural events, last working day of the semester and is submitted to the Principal for approval by the governing council.

Departmental COE is prepared by including planned schedule for workshop and industrial visits. It is circulated among all staff and students and is uploaded on the website for information and compliance.

Lesson plan and Class time tables are prepared as per COE and distributed through email / WhatsApp group. Strategic Perspective Plan (SPP) is prepared by departments, cells and clubs, in sync with the University COE. Time-table (IA) for both theory and Practical courses is prepared as per COE and is distributed to faculty and students well in advance, by the Examination Committee.

IA is conducted, evaluated and results announced to both students and parents.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://vtu.ac.in/en/aca">https://vtu.ac.in/en/aca</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University**

A. All of the above

**Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

File Description

Details of participation of teachers in various bodies/activities provided as a response to the metric

Any additional information

**1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

7

File Description

Any additional information

Minutes of relevant Academic Council/ BOS meetings

Institutional data in prescribed format (Data Template)

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement Template)**

8

File Description

Any additional information

Brochure or any other document relating to Add on /Certificate programs

List of Add on /Certificate programs (Data Template )

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number year**

784

File Description

Any additional information

Details of the students enrolled in Subjects related to certificate/Add-on programs

**1.3 - Curriculum Enrichment**

**1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Sustainability into the Curriculum**



The Institution offers courses prescribed by VTU, integrating the cross human values, professional ethics and environmental sustainability.

A course on constitution of India and professional ethics is included in programs to inculcate human values and professional ethics. Various activities imbibe core human values.

#### Environmental Sustainability:

The institution offers Environment Studies course in the 3rd year of all covers municipal and industrial waste water management, water supply an engineering, biotechnology for sustainable environment.

To address the issues related to human values and environmental sustain sensitization following activities are conducted

#### ECO Club:

Best-out-of-waste, awareness on global warming, effects of environmental awareness.

#### NSS Unit:

Swachh Bharat Abhiyan, World Water Day, health camps, exhibitions and v camps.

#### SAMARTHINI-Women Empowerment Cell:

Role of Forensic Medicine to Detect Sexual Harassment & Attain Equanimity Webinar and Women Innovators and Entrepreneurs for Socio-Economic Revolution Equality During Pandemic Situations- a Seminar.

#### SAPTHA-SAMATHA-Equal Opportunities Committee:

Awareness program on computer usage, children's safety and women's hygiene students.

#### File Description

Any additional information

Upload the list and description of courses which address the Professional Ethics, Gender, Human Values and Sustainability into the Curriculum.

### 1.3.2 - Number of courses that include experiential learning through project work/field work

208

#### File Description

Any additional information

Programme / Curriculum/ Syllabus of the courses

Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses

MoU's with relevant organizations for these courses, if any

Institutional Data in Prescribed Format

### 1.3.3 - Number of students undertaking project work/field work/ internships

2115

File Description

Any additional information

List of programmes and number of students undertaking project work/field work/ /internships (Dat

### 1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description

Documents

URL for stakeholder feedback report

<https://www.saptagiri.edu.in/>

Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management

[View File](#)

Any additional information

[View File](#)

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, taken and feedback available

File Description

Documents

Upload any additional information

[View File](#)

URL for feedback report

<https://www.sapthagiri.edu.in/designs>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

518

File Description

Do

Any additional information

Institutional data in prescribed format

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, D) applicable reservation policy during the year (exclusive of supernumerary seats)

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

88

File Description

Any additional information

Number of seats filled against seats reserved (Data Template)

**2.2 - Catering to Student Diversity****2.2.1 - The institution assesses the learning levels of the students and organizes special Program and slow learners**

The institution assesses the learning levels of students prior to common learning process (TLP). The institution counsels the students after admitting them as advanced learners and slow learners based on their performance examination. Students are categorized based on the results of the continuous evaluation (CIE) and semester-end examination (SEE) as per SOP for slow learners.

**Slow Learners:**

The mentor, who acts as a guide and local guardian, counsels the slow learners about the nature of their problems, and motivates them to perform better. Remedial classes to enhance their performance and VTU question papers are solved. Peer learning is encouraged.

Module-wise question banks prepared based on VTU question papers, and animated links are shared.

**Advanced Learners:**

The top 10% of performers of the previous semester are identified as advanced learners by the Heads and Senior Professors of the departments and Mentors. They are motivated in their academics. Advanced learners participate in peer teaching workshops, and competitions. A few of the advanced learners are nominated as representatives. They are encouraged to participate in extension activities, cells, and clubs.

File Description

Documents

Paste link for additional information

Upload any additional information

**2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)**

Number of Students

Number of Teachers

2675

161

File Description

Documents

Any additional information

## 2.3 - Teaching- Learning Process

### 2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methods used for enhancing learning experiences

To implement outcome-based education (OBE) -experiential learning, part problem-solving methods are adopted:

#### Project / Mini project / Internship

Students are involved in real-time and societal projects in the field of automobile, pollution, etc. Many projects are funded by KSCST and innov financed by the Management. A few of them are published on social media. Students carry out internships to enhance their knowledge and skills.

Industrial Visits, Field Trips, Technical Talks, Guest/Alumni Lectures take the students to the latest trends in the industry.

#### Peer Teaching and Peer Learning:

Advanced learners are encouraged to explain their experience of problem learners.

#### Innovative Teaching Methodology:

Teachers use ICT tools, presentations, demonstration/working models, laboratory demonstration/simulation, etc. Quizzes/Puzzles prepare the students for face-to-face competitive examinations. Teachers use digital library resources and Sessions/ Tutorial classes.

#### Placement Training:

The training on HR skills, group discussion, aptitude tests, mock interviews provided by Placement Department.

Language Laboratory helps the students to improve their communication skills.

#### Publications:

Students are motivated to publish technical articles/projects in journals/seminars under the guidance of teachers.

File Description	Docur
Upload any additional information	
Link for additional information	

### 2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description

The following methods are adopted in the institution in the teaching-learning process:

1. ICT tools like videos, presentations, simulations, animations, and quizzes on various topics, for a better understanding of concepts.
2. Online teaching platforms like Zoom, Google meet, etc.

3. Students are encouraged to go through e-learning sources like VTU e-journals, etc.
4. Students are encouraged to undergo extra online MOOC certification courses like SWAYAM, etc.
5. Participation in projects/mini projects, technical seminar presentations to update knowledge and skills on the current trends.

The institution provides modern teaching aids coupled with the required laboratories and classrooms. The institution is equipped with 47 ICT-enabled classrooms, four smart classrooms, and three seminar halls.

The following ICT tools are provided by the Management

1. 16 laptops and 775 desktop computers to various departments.
2. LAN with internet facility and Wi-Fi facility with 100 Mbps bandwidth
3. The digital library inclusive of e-notes prepared by the teachers and

File Description
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Upload any additional information
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Provide link for webpage describing the ICT enabled tools for effective teaching-learning process
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### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the late

#### 2.3.3.1 - Number of mentors

142

File Description	De
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Upload, number of students enrolled and full time teachers on roll	
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Circulars pertaining to assigning mentors to mentees	
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Mentor/mentee ratio	
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### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

161

File Description
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Full time teachers and sanctioned posts for year (Data Template)
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Any additional information
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List of the faculty members authenticated by the Head of HEI
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#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.S (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D

34

**File Description**

Any additional information

List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.L full time teachers for year (Data Template)

**2.4.3 - Number of years of teaching experience of full time teachers in the same institutio completed academic year)****2.4.3.1 - Total experience of full-time teachers**

6

**File Description**

Any additional information

List of Teachers including their PAN, designation, dept. and experience details(Data Template)

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and n 200 words.

The institution is affiliated with VTU and follows the rules and regulati for the assessment and evaluation process. The student's performance is formative assessment-CIE and summative assessment-SEE.

**Transparent Assessment**

The institution follows an academic calendar. Faculty prepare question pa evaluation which is scrutinized by the Department Academic Committee (D written in blue books and evaluated as per the schedule. The scheme of with students while distributing evaluated blue books and evaluation-rel resolved. The results are communicated to the parents.

**Robust Assessment:****Classroom interactions**

1. Question and answer sessions
2. Oral quiz
3. Unit test
4. IA test
5. Assignment

**Classroom activities**

1. Peer teaching
2. Peer learning
3. Problem-solving
4. Brainstorming sessions
5. Seminar presentation

## 6. Group presentations

### Activities outside the classroom

1. Industrial visit, Internships
2. Technical paper presentations
3. Participation in college events/committees
4. Participation in online courses
5. Case studies
6. Hands-on workshop

### Summative Assessment

The SEE for both theory and laboratory courses is held as per the Unive

File Description	Documer
Any additional information	
Link for additional information	

### 2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- b

The institution follows the VTU guidelines for the formative assessment assessment-SEE. The Examination and Evaluation Committee handles the ex grievances as per the SOP.

VTU rules & regulations are briefed to all students in the orientation the beginning of the academic year. The circulars and notices are commu students on time. All the grievances related to internal and VTU examin addressed in a transparent, time-bound, and efficient manner. Grievance different levels.

#### Institution Level Grievances

Most of the internal examination-related grievances are about laborator internal marks, improvement test, change of project title/batch, projec technical seminar, etc.

The pattern of question paper and syllabus for each test is communicate in advance by the teachers/class teachers. The scheme of evaluation is while distributing evaluated blue books and also discussed in the class Grievancesareaddressed and resolved.

#### University Level Grievances

The grievances include issues like name correction, USN/hall-ticket gen application filling, announcement of results, revaluation results, mark and degree certificates, etc. Grievances of students are recorded and f followed up till issues are resolved.

File Description	Documer
Any additional information	

Link for additional information

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are state and communicated to teachers and students.

The institution has adopted the OBE in its TLP and evaluation and strives improvement. POs are defined by NBA and PSOs are framed by the respective brainstorming. COs are framed by the course coordinator along with faculty approved by the HOD.

POs, PSOs, COs for all the programs offered by the institution are displayed on the institution website-department wise.

### Mechanism of Communication

The POs and PSOs are briefed to the students at the beginning of the semester by individual course teacher in the first class at the beginning of the semester.

POs and PSOs are displayed in the following ways:

- Display boards in various departments, classrooms, and corridors
- Department notice boards/laboratory notice boards
- Project diary/lab manuals, awareness programs by IQAC

COs are mentioned in the lesson plan, IA question papers, and assignments communicated to students in the classroom as well as in WhatsApp groups.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.sapthagiri.edu.in/maestro/default.aspx?module=1&amp;type=CSE">https://www.sapthagiri.edu.in/maestro/default.aspx?module=1&amp;type=CSE</a>
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The curriculum, assessment, and evaluation are the major tools using which the outcomes are attained. The COs are mapped with POs and PSOs for all courses in a mapped matrix is available on the website. The results of SEE conducted by the institution, are used as inputs for calculating attainment of outcomes using Microsoft Excel sheets.

### Direct Assessment Tools

#### 1. CIE:

- Internal assessment tests
- Assignments Unit tests Quiz
- Laboratory exercises, Seminars
- Internship and Projects



**2. SEE****Indirect Assessment Tools:**

Course end survey, Program exit survey, and Alumni survey.

To evaluate the attainment of POs and PSOs, the results of CO attainment assessment, exit survey, alumni survey, etc., are used.

The final PO and PSO attainment is calculated for the particular graduate corresponding scheme by considering the weightage as

Direct assessment-80%

Indirect assessment-20%

To calculate attainment for a course, the target is fixed. The necessary steps are initiated to attain the target.

File Description	Docu
Upload any additional information	
Paste link for Additional information	

**2.6.3 - Pass percentage of Students during the year****2.6.3.1 - Total number of final year students who passed the university examination during**

616

File Description
Upload list of Programmes and number of students passed and appeared in the final year examination (Template)
Upload any additional information
Paste link for the annual report

**2.7 - Student Satisfaction Survey****2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution m questionnaire) (results and details need to be provided as a weblink)**

<https://sapthagiri.edu.in/designs/naac/AQAR/CR2/271SSS.pdf>

**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research project institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research project institution during the year (INR in Lakhs)**

**4.32****File Description**

Any additional information

e-copies of the grant award letters for sponsored research projects /endowments

List of endowments / projects with details of grants(Data Template)

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year****3.1.2.1 - Number of teachers recognized as research guides**

7

**File Description**

Do

Any additional information

Institutional data in prescribed format

**3.1.3 - Number of departments having Research projects funded by government and non g the year****3.1.3.1 - Number of departments having Research projects funded by government and non the year**

7

**File Description****Documents**

List of research projects and funding details (Data Template)

[View File](#)

Any additional information

No File Uploade

Supporting document from Funding Agency

[View File](#)

Paste link to funding agency website

<https://www.sapthagiri.edu.in/designs>**3.2 - Innovation Ecosystem****3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and**

The institution encourages students to participate in various competi National/International level every year. Students have carried out inno enthusiastically and have won awards and appreciation.

A few innovative projects are:

1. Design and Development of Water Pumping and Power Generation by usin

This device is used for water lifting and power generation by using swi cost device for power generation.

2. FourWheel Steering Mechanism in remote-controlled tray for medicine

A fourwheel mechanism for the supply of medicine is designed and fabric flexible and sharp movement of the COVID tray.

### 3. Self-driving garbage collecting vehicle

It is self-driven garbage collecting electric vehicle capable of driving without any human intervention as much as possible.

### 4. Any Time Medicine Vending Machine

It delivers medicines 24x7 to needy people and can dispense drugs through public places such as drug stores, malls, bus/railway stations, on high medical stores are limited.

### 5. Ultra-Violet (UV) Sterilization Robot for Disinfection

A robot for UV sterilization of the infected areas is designed and fabric the human intervention.

File Description	Docu
Upload any additional information	
Paste link for additional information	

## 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property and entrepreneurship during the year

### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property and entrepreneurship year wise during the year

13

File Description	Doc
Report of the event	
Any additional information	
List of workshops/seminars during last 5 years (Data Template)	

## 3.3 - Research Publications and Awards

### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

#### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

1

File Description	Documents
URL to the research page on HEI website	<a href="https://www.sapthagiri.edu.in/re">https://www.sapthagiri.edu.in/re</a>
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	<a href="#">View File</a>

Any additional information	<a href="#">View File</a>
<b>3.3.2 - Number of research papers per teachers in the Journals notified on UGC website du</b>	
<b>3.3.2.1 - Number of research papers in the Journals notified on UGC website during the ye</b>	
29	
File Description	
Any additional information	
List of research papers by title, author, department, name and year of publication (Data Template)	
<b>3.3.3 - Number of books and chapters in edited volumes/books published and papers publis</b>	
<b>conference proceedings per teacher during the year</b>	
<b>3.3.3.1 - Total number of books and chapters in edited volumes/books published and paper</b>	
<b>conference proceedings year wise during year</b>	
68	
File Description	
Any additional information	
List books and chapters edited volumes/ books published (Data Template)	
<b>3.4 - Extension Activities</b>	
<b>3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students</b>	
<b>holistic development, and impact thereof during the year</b>	
<p>The institution has established various clubs, committees, and cells li Club, Community Club, Equal Opportunity Club, Human Rights Club, Women E Prevention of Sexual Harassment Cell, and Health Club. These clubs invo activities to inculcate social responsibility and service mindset.</p>	
<p>The following activities are carried out to sensitize and impact the st and for holistic developments.</p>	
<ol style="list-style-type: none"> <li>1. The NSS Unit in association with the Health Clubarranged a Covid aw 10/10/2020 in which the students of the institutionparticipated in</li> <li>2. The NSS Unit, ECO Club, and Health Club togetherorganized a walkath "Prevention for Healthy Society" on Hesaraghatta Road, Bangalore on students of the institution participated.</li> <li>3. In association with Bangalore Traffic Police, the NSS Unit, ECO Clu organized a Traffic Awareness Campaign on 13/02/2021 in which about institution took part.</li> </ol>	
<p>The NSS Unit, ECO Club, and Health Club havecelebrated various importan such as Sadbhavana Diwas, Teachers Day, National Voters Day, Anti-Terro International Yoga Day on the earmarked days.</p>	
File Description	Docu

Paste link for additional information	
Upload any additional information	

### 3.4.2 - Number of awards and recognitions received for extension activities from government bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government recognized bodies year wise during the year

2

File Description
Any additional information
Number of awards for extension activities in last 5 year (Data Template)
e-copy of the award letters

### 3.4.3 - Number of extension and outreach programs conducted by the institution through Non-Government Organizations including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/ or in collaboration with industry, community and NGOs ) during the year

#### 3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

9

File Description
Reports of the event organized
Any additional information
Number of extension and outreach Programmes conducted with industry, community etc for the duration of the year (Data Template)

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

#### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDS awareness, Gender issues etc. during year

1745

File Description
Report of the event
Any additional information
Number of students participating in extension activities with Govt. or NGO etc (Data Template)

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange

### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange during the year

615

#### File Description

e-copies of related Document

Any additional information

Details of Collaborative activities with institutions/industries for research, Faculty

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. year wise during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance industries, corporate houses etc. year wise during the year

28

#### File Description

e-Copies of the MoUs with institution./ industry/corporate houses

Any additional information

Details of functional MoUs with institutions of national, international importance, other universities year

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning laboratories, computing equipment etc.

The institution provides adequate facilities as per the norms of AICTE spread across 6.08 acres with 17449 sq. meters built up carpet area.

Following are the details of infrastructure facilities:

#### Class Rooms and Smart Class Rooms:

The institution has 50 class rooms out of which 47 class rooms are equipped with smart interactive boards and four rooms are equipped with smart interactive boards.

#### Laboratories:

There are 52 Laboratories equipped with an adequate number of equipment

#### Seminar Hall and Auditorium:

The institution has two seminar halls which are used for conducting guest lectures etc. In addition to this, there is an ICT-enabled auditorium with a sea

**Computing Equipment:**

The institution has 775 computers and an adequate number of peripheral

**Internet and Wi-Fi:**

The entire campus is enabled with Wi-Fi of 100 Mbps speed.

**Facilities:**

The institution offers:

- Placement facility through active fully fledged Training and Placement
- Fully furnished hostel facility for both boys and girls.
- A fully automated library that extends its facility to students and

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sapthagiri.edu.in/designs/naac/cr">https://sapthagiri.edu.in/designs/naac/cr</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor, etc).

**Cultural Activities:**

The institution has a state of the art amphitheatre with a seating capacity for various college co-curricular and extracurricular activities.

The institute provides students with all modern and classical musical instruments.

**Sport and Games:**

The institution provides adequate facilities for ensuring physical education and keep the students physically fit and healthy. The institute has indoor facilities including a gymnasium and yoga centre.

The following is the list of various indoor and outdoor facilities available on the campus.

**Indoor facilities:**

1. Chess boards - 07
2. Carrom boards - 04
3. Gymnasium and Yoga center - 01
4. Table Tennis board - 01

**Outdoor Facilities:**

1. Cricket field - 01 (Ø100 mts)
2. Volley Ball court - 01 (18x9 mts)
3. Basket Ball court - 01 (28x15 mts)

4. Hand Ball court - 01 (40x20 mts)
5. Throw Ball court - 01 (12x18 mts)
6. Kabaddi court - 01 (13x10 mts)
7. Kho - Kho court - 01 (30x19 mts)
8. Ball Badminton court - 01 (12x24 mts)
9. Athletic Track - 01 (200 mts)
10. Football court - 01 (Ø90 mts)

File Description	Docu
Upload any additional information	
Paste link for additional information	

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart cl

50

File Description
Upload any additional information
Paste link for additional information
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (IN

368.24

File Description
Upload any additional information
Upload audited utilization statements
Upload Details of budget allocation, excluding salary during the year (Data Template

#### 4.2 - Library as a Learning Resource

##### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

###### Library and Information Centre:

The institution has a fully automated library, in 2013, of 724 sq.m are transactions, procurement, maintenance of digital resources, etc. It uses Granthalaya software-version 3.0 for acquisition, cataloging, circulation control modules, and Online Public Access Catalog (OPAC). All the library coded and are issued using bar-code scanning.

The library contains books, magazines/newspapers for the comprehensive and is kept on separate racks.

###### Features of e-Granthalaya:



1. Minimum user interaction for storage and backup.
2. Easy and effective maintenance of data on books and journals.
3. Simplified search facility for the location of books and to identify
4. Ease of cataloging of books, articles, serial publications, etc.
5. Statistical analysis of transaction data.
6. Acquisition module for generating accession register reports, adding updating item lending policy and its status.

**Facilities:**

1. SC/ST book bank-students can borrow two books each semester.
2. Digital Library URL: <http://192.168.1.222:8080/jspui/>

**Resources:**

1. Previous year question papers
2. e-books/e-magazines
3. Study materials
4. Rare books <http://192.168.1.222:8080/jspui/handle/123456789/4115>
5. Library Newsletter

**Weblink for e-granthalaya** <https://egranthalaya.nic.in/>

**Delnet:** <http://164.100.247.30/>

**OPAC:** <http://192.168.1.102/opac/>

**Repositories of SCE:** <http://192.168.1.222:8080/jspui/>

**web-page:** <https://sapthagirilibrary.webs.com/>

**e-resources subscribed through VTU Consortium:** <https://sceb.new.knimbus>

**Number of titles/volumes:** 5791/29246

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://www.sapthagiri.edu.in/designs/naac">https://www.sapthagiri.edu.in/designs/naac</a>

<b>4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources</b>	<b>A. Any 4 or more of the</b>
--	--------------------------------

File Description
Upload any additional information
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals**

### 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- in Lakhs)

28

File Description

Any additional information

Audited statements of accounts

Details of annual expenditure for purchase of books/e-books and journals/e- journals during the ye  
Template)

### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data the latest completed academic year)

#### 4.2.4.1 - Number of teachers and students using library per day over last one year

34

File Description

Any additional information

Details of library usage by teachers and students

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

**Frequency of Update:**

**Academic Year 2020-21:**

The institute procures software from Microsoft (MS) for the up-gradation of systems including PCs and servers. MS 365 Apps upgraded on all PCs for the staff. Peripheral devices like printers, scanners, projectors, UPS, smart upgraded/replaced as per requirements. CC-TVs, Bio-metric attendance monitoring accounting, and admission recording systems are upgraded regularly.

Sonic-Wall-NSA-2700 is installed and upgraded regularly on all digital computers for their protection.

The institute procures various accessories such as D-link, switches, webcams, RAM chips, etc as per requirement.

**Internet & Wi-Fi:**

The institute has a dedicated Rail-tel line of 100Mbps capacity to serve requirements. Rail-tel is required to ensure 24x7 internet connectivity.

The total number of computers with a LAN facility is 775.

The institute has 60 Wi-Fi access points for enabling internet connectivity on campus.

File Description	Docu
Upload any additional information	
Paste link for additional information	

#### 4.3.2 - Number of Computers

775

File Description	Docur
Upload any additional information	
List of Computers	

#### 4.3.3 - Bandwidth of internet connection in the Institution

A.  $\geq 50\text{MBPS}$

File Description
Upload any additional Information
Details of available bandwidth of internet connection in the Institution

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support) excluding salary component during the year (INR in lakhs)

23.69

File Description
Upload any additional information
Audited statements of accounts
Details about assigned budget and expenditure on physical facilities and academic support facilities (using the provided Templates)

##### 4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and library infrastructure (laboratory, library, sports complex, computers, classrooms etc.)

###### Utilization and Maintenance of Laboratory:

Laboratory sessions are conducted as per the curriculum plan. Logbook monitoring and usage of the equipment. The laboratory equipment/measuring instruments are periodically inspected/calibrated and preventive maintenance is carried out.

###### Utilization and maintenance of Library:

The Library Committee of the institution monitors the procurement and effective utilization of the library resources. The binding of documents and conditioning of old books is also a part of the library maintenance.

**Utilization and maintenance of Sports Complex:**

The Physical Education Director (PED) along with departmental faculty regularly discuss sports-related issues such as planning and organizing college events and procurement of sports facilities. The PED also takes maintenance of all sports facilities.

**Utilization and Maintenance of Computers:**

The computer laboratories are used by the students and faculty as per the department. The Department of Computer Science and Engineering maintains systems.

**Classroom Utilization and Maintenance:**

The classrooms are utilized as per the schedule prepared by the department. Maintenance System (CMS) committee takes care of the maintenance of various facilities.

File Description	Docu
Upload any additional information	
Paste link for additional information	

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

**5.1.1 - Number of students benefited by scholarships and free ships provided by the Government**

**5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government**

**1146**

File Description
Upload self attested letter with the list of students sanctioned scholarship
Upload any additional information
Number of students benefited by scholarships and free ships provided by the Government during the year (Template)

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institutions/agencies during the year**

**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the government agencies during the year**

146

File Description

Upload any additional information

Number of students benefitted by scholarships and free ships institution / non- government agencie  
(Date Template)

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

A. All of the above

File Description

Documents

Link to Institutional website

<https://www.sapthagiri.edu.in/designs/naac/AQI>

Any additional information

No File Uploaded

Details of capability building and skills enhancement initiatives (Data Template)

[View File](#)

**5.1.4 - Number of students benefitted by guidance for competitive examinations and caree institution during the year**

1935

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and care institution during the year**

1935

File Description

Any additional information

Number of students benefitted by guidance for competitive examinations and career counseling dur  
(Data Template)

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

A. All of the above

File Description

Minutes of the meetings of student redressal committee, prevention of sexual harassment committ  
Ragging committee

Upload any additional information

Details of student grievances including sexual harassment and ragging cases

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

193

File Description

Self-attested list of students placed

Upload any additional information

Details of student placement during the year (Data Template)

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

12

File Description

Document

Upload supporting data for student/alumni

Any additional information

Details of student progression to higher education

### 5.2.3 - Number of students qualifying in state/national/ international level examinations du JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

#### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the ye

12

File Description

Upload supporting data for the same

Any additional information

Number of students qualifying in state/ national/ international level examinations during the year Template)

## 5.3 - Student Participation and Activities

### 5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities ; international level (award for a team event should be counted as one) during the year

### 5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities / international level (award for a team event should be counted as one) during the year.

00

#### File Description

e-copies of award letters and certificates

#### Any additional information

Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)

### 5.3.2 - Institution facilitates students' representation and engagement in various administrative extracurricular activities (student council/ students representation on various bodies as per est )

The institution has a student council, consisting of, class representatives selected in the presence of their peers, and student members of various councils encourage students to be volunteers for various events organized by the council members with help of student volunteers drive the events in and cells.

Due to Covid 19 norms and restrictions, many events were conducted online and offline events were conducted.

IQAC of SCE which is established as per the UGC norms consists of student policy-making cell on quality issues.

The Committees taking care of Co-Curricular Activities of the Institution representatives are:

1. STUTI-Career Guidance & Placement Cell
2. Library Committee
3. R&D, Entrepreneurship Committee, and Incubation center

The committees taking care of Extra-Curricular Activities of the Institution students' representatives are:

1. Sports Committee
2. Cultural Committee
3. HASIRU- Eco Club
4. Health Club
5. National Service Scheme-NSS
6. Grievance Redressal Committee

**7. SAMARTHINI-Women Empowerment Committee****8. PRATHIRODHANA-Prevention of Sexual Harassment Cell****9. ASHRAYA-Parents Teachers Association**

File Description	Documents
Paste link for additional information	<a href="https://www.sapthagiri.edu.in/designs/naac/AQAR">https://www.sapthagiri.edu.in/designs/naac/AQAR</a>
Upload any additional information	No File Uploaded

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated in the last year (organized by the institution/other institutions)****5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated in the last year**

12

File Description
Report of the event
Upload any additional information
Number of sports and cultural events/competitions in which students of the Institution participated in the last year (organized by the institution/other institutions) (Data Template)

**5.4 - Alumni Engagement****5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the Institution through financial and/or other support services**

The SCE has a strong network of Alumni to strengthen Industry-Academia interaction. A Alumni Association namely "Sapthagiri College of Engineering Alumni Association (SCEAA)" is registered under the Karnataka Societies registration act, 1960 bearing registration number DRB-N/SOR/89/2011-2012, Dated: 28/06/2011, Bangalore, Karnataka.

Many of our alumni have excelled in the field of Academia, Industry, and Entrepreneurship, and have brought laurels to the institution.

The association acts as a platform, to connect and share interactive sessions with students to motivate students about the latest trends in technology, internship, employment, and educational opportunities in India and abroad.

They also contribute to developing interpersonal and managerial skills. They also help in improvising the curriculum by their valuable feedback about the industry requirements and employability. The association aims to bridge the institution and the industry through regular meets and encouraging alumni to contribute to the growth of the institution.

Alumni also take part in decision-making as members of IQAC.



File Description	Documents
Paste link for additional information	<a href="https://www.sapthagiri.edu.in/designs/naac/AQAR/CR5/542/Alum">https://www.sapthagiri.edu.in/designs/naac/AQAR/CR5/542/Alum</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**A.  $\geq$  5Lakhs

File Description	Docur
Upload any additional information	

**GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 - Institutional Vision and Leadership****6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission****The vision of the Institution**

To be a best institution imparting quality engineering education to dea through learning and performance

**The mission of the Institution:**

- To implement path breaking student centric education methods.
- To augment talent, nurture teamwork to transform, to develop indivi citizen.
- To educate the students and faculties about entrepreneurship to mee of the society.
- Strengthen Industry-Institute Interaction for knowledge sharing.

Sapthagiri College of Engineering, Bengaluruwas established by Sri Srin Charitable Trust in the year 2001.

The Management has constituted the Governing Council (GC) which include Director, Eminent Personalities nominated by the Government, faculty repr principal being the member secretary. Internal Quality Assurance Cell (IQ departments as well as various Committees/Clubs/Cells to prepare their plan (SPP), and obtain the approval of GC, which needs to take care of a the students for their holistic development. The Management supports all achieve the vision and the mission of the Institution. The College Coun authorized to approve academic issues of the institution.

File Description	Documents
Paste link for additional information	<a href="https://sapthagiri.edu.in/designs/naac">https://sapthagiri.edu.in/designs/naac</a>
Upload any additional information	No File Uploaded

### 6.1.2 - The effective leadership is visible in various institutional practices such as decentralizat management.

The Institution is supportive of decentralization in governance. The SPP budgetary provisions is prepared by IQAC in consultation with all the clubs in which teaching, non-teaching staff, and students are members. These members is submitted to the GC. The Principal acts as a liaison bet GC, CC, and other stakeholders. Requirements like aesthetic classrooms, laboratory equipment, library infrastructure, functional furniture, and learning are addressed. In addition, safety and security, water facility (indoor/outdoor) facilities, canteen, hostel facility for boys & girls. The principal as chairperson of IQAC reviews the implementation of SPP various committees/cells/clubs. As members of IQAC, SCEAA is also involve implementation and overseeing of SPP. The parents-teachers association stakeholders are also involved in the implementation of SPP through their. Hence the Management, the GC, the Principal, teachers, non-teachers, st Alumni, and industry experts participate in the governance of the instit

File Description	Documents
Paste link for additional information	<a href="https://sapthagiri.edu.in/designs/naa">https://sapthagiri.edu.in/designs/naa</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

IQAC prepares SPP and budget by involving all the stakeholders of the I beginning of each semester in line with University and Institutional Ac gets the approval of the GC. Planned programs of SPP are effectively de and Committees/Clubs/Cells. Deployment of SPPs is monitored by IQAC thr Report (ATR) and the Annual Report submitted at the end of each semeste the various Departments, Committees/Clubs/Cells are carefully analyzed few actions to be taken in the forthcoming Academic Year.

#### The activity of STUTI-Career Guidance & Placement Cell

STUTI supplements and complements the gaps in the curriculum. It conduc and workshops to inculcate skills required for inter-and intra-personal, l which helps them to become good and responsible citizens. STUTI conduct for competitive examinations, and career counseling, from their second

STUTI maintains a good and strong relationship with the industries across resulted in an impressive placement record. STUTI is in constant touch wi employers to ensure good placement for SCE students. On-campus interview regular features at the Institution.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Upload
Paste link for additional information	<a href="https://sapthagiri.edu.in/designs/">https://sapthagiri.edu.in/designs/</a>

Upload any additional information

No File Upload

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from polic appointment and service rules, procedures, etc.

The organization has a well-structured administrative setup with GC as making body.

The GC is headed by the Chairman of Sri Srinivasa Educational and Chari also consists of eminent persons from the society, members nominated by professors of SCE. The principal is Member Secretary of GC. All these m the GC by proper resolutions.

The college-level operations are implemented by the CC, which consists Superintendent, Librarian, Placement Officer, and PEDas its members. IQ independently under the Principal's directions acts as a watchdog regard the Institution. IQAC has been set up as per the norms of UGC.

Functions of Various Bodies:

Various Committees/Clubs/Cells play a vital rolein the conduct of vario to cater to both academic and non-academic activities of the Institutio

Administrative Setup

The institution consists ofAdmission Section, Establishment Section, Ex Accounts Section, headed by Office Superintendent, who reports to the P officeadministration. The organogram of the administrative setup is giv

File Description	Documents
Paste link for additional information	<a href="https://sapthagiri.edu.in/designs/naac/AQA">https://sapthagiri.edu.in/designs/naac/AQA</a>
Link to Organogram of the institution webpage	<a href="https://www.sapthagiri.edu.in/designs/naac/AQAR/CI">https://www.sapthagiri.edu.in/designs/naac/AQAR/CI</a>
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description
ERP (Enterprise Resource Planning)Document
Screen shots of user inter faces
Any additional information
Details of implementation of e-governance in areas of operation, Administration etc(Data Template

6.3 - Faculty Empowerment Strategies

### 6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The management of the Institution provides quality-embedded human resource welfare of its staff. The teaching and non-teaching staff are regularly to the worth of the human resources. Regular FDPs are conducted for both teaching staff. Conveyance facilities and canteen facilities are provided nominal/subsidized cost.

An important welfare measure is providing medical facilities for all its Sapthagiri Hospital. All the employees both teaching, non-teaching, included given free consultation for treatment and are covered under Group Insurance.

The details of welfare measures deployed by the Management are uploaded.

File Description	Documents
Paste link for additional information	<a href="https://www.sapthagiri.edu.in/designs/na">https://www.sapthagiri.edu.in/designs/na</a>
Upload any additional information	No File Uploaded

### 6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops/ membership fee of professional bodies during the year

#### 6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops/ membership fee of professional bodies during the year

3

File Description
Upload any additional information
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)

### 6.3.3 - Number of professional development /administrative training programs organized by teaching and non-teaching staff during the year

#### 6.3.3.1 - Total number of professional development /administrative training Programmes or courses organized by teaching and non teaching staff during the year

9

File Description
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).
Reports of Academic Staff College or similar centers
Upload any additional information
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (Professional Development Programmes, Orientation / Induction Programmes, Refresher Co

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., O Programme, Refresher Course, Short Term Course during the year

94

File Description
IQAC report summary
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)
Upload any additional information
Details of teachers attending professional development programmes during the year (Data Templat

#### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The Institution has put in place a well laid-out Performance Appraisal System. All members perform self-appraisal which will be reviewed by the concerned HODs. The self-appraisal scheme is designed to evaluate the staff in terms of para-educational research, participation in curricular and co-curricular, and extra-curricular activities.

On similar lines, self-appraisal, and review are performed periodically.

In addition, individual faculty members have to set their own goals at the start of the academic year in a format provided by IQAC. The goals achieved at the end of the year with the comments of HODs are reviewed by the Principal.

The students' feedback taken on faculty, non-teaching staff such as administrative staff, laboratory instructors, drivers, and canteen staff is analyzed and sent to the concerned HODs. Their comments, which subsequently will be brought to the notice of the Principal for review. Further actions are initiated depending on the remarks of the HODs in the form of giving facilities to improve the knowledge of the individual/departmental performer and taking necessary action against unsatisfactory performers.

File Description	Documents
Paste link for additional information	<a href="https://www.sapthagiri.edu.in/designs/naac/Aqar/2021-22/6.3.5%20Performance%20Appraisal%20System%20for%20teaching%20and%20non-teaching%20staff.pdf">https://www.sapthagiri.edu.in/designs/naac/Aqar/2021-22/6.3.5%20Performance%20Appraisal%20System%20for%20teaching%20and%20non-teaching%20staff.pdf</a>
Upload any additional information	No File Uploaded

### 6.4 - Financial Management and Resource Mobilization

#### 6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various financial audits carried out during the year with the mechanism for settling audit objections with

The institution conducts internal and external financial audits regularly.

IQAC consolidates the budget/SPP of the institute considering the budget/departmental/committees/clubs/cells and forwards the same to the principal for approval.

Management provides financial support to the departments based on the av which enables them to achieve the institutional objectives.

The internal audit is carried out by an in-house team making use of sta regular basis.

For procurement of equipment, software, etc, the institution follows a inviting quotations, comparison of rates and quality, and preparation o orders for every purchase. All expenses incurred are necessarily with the the principal.

The institution has appointed M/s S.R. & M.R. ASSOCIATES, CAFIRM with R external auditor. The auditor audits the annual accounts and examines ev collection against the list of admitted students as per the approved li The balance sheet prepared by the institution is checked by the auditor invoices and receipts. Any discrepancies found in the statement will be direction of the auditor. This exercise is carried out for every assessm

File Description	Docu
Paste link for additional information	
Upload any additional information	

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers d Criterion III)

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers d

00

File Description
Annual statements of accounts
Any additional information
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers year (Data Template)

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

##### Mobilization of Funds:

Most of the funds required by the institution are met out of internal ge fees. Apart from this, the institution delegated financial power to the Ex oversees and manages financial resources. The Karnataka Government regul and above the fees fixed by the Government, the institution charges addi infrastructure, faculty strength, and sanctioned students strength. The income include transportation, admission, application, examination, hos

The Institution lends on a payment basis its infrastructure to external examinations like COMEDK, GATE, and CAT.

Strategies for optimal utilization of resources: The institution lends its premises for activities like short film shooting, feature film shooting, and video releases of films, etc. The institution's hostels are used to who come to attend sports-meet and conferences. The internal and external purpose of optimal utilization of funds

File Description	Documents
Paste link for additional information	<a href="https://www.sapthagiri.edu.in/designs/naac/A">https://www.sapthagiri.edu.in/designs/naac/A</a>
Upload any additional information	No File Uploaded

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing strategies and processes

IQAC contributes significantly to quality achievement, sustenance, and formulating various procedures. It draws strategies through curricular community engagement, HR management, industry interaction, placements, learning resources, student support, governance, leadership, and management puts in place mechanisms for ensuring implementation of all policies, activities.

### Best Practice 1

The institution uses many e-Governance modules for smooth day-to-day operations Administration, Admissions, Examinations, and Accounts.

The institution has procured licensed softwares. The institution has developed software for students' evaluation, maintaining staff and student database parents/guardians.

#### OUTCOME:

Timely communication to the parents/guardians regarding students' performance for monitoring and improvement of academic standards.

### Best Practice 2

The institution focuses on quality, in day-to-day functioning as well as management. To achieve this, the management has obtained ISO certification Management System, combining the Quality Management System with the ISO Environmental Management System with the ISO standard 14001:2015. TÜV N the assessment and ISO certification.

#### OUTCOME:

The campus is self-driven in terms of standardization of procedures to be standard file management.

File Description	Docu
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Paste link for additional information	
Upload any additional information	

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of ope at periodic intervals through IQAC set up as per norms and recorded the incremental improvem

*IQAC functioning since 2014 with the purpose of quality improvement strict to active involvement in the holistic all-round development of the instit syllabus is prescribed by VTU, the Institution practices a unique syste syllabus.*

*All cross-cutting issues like gender sensitivity, equality, and social is CPD. IQAC ensures that all these cross-cutting issues are included in t ICT Tools are used to ignite thought processes among the students. IQAC improvement in the usage of ICT tools in CPD even during the pandemic si*

*The TLP of the institution is reviewed and audited by the Feedback Commi Administrative Audit Committee. The committees after collecting the data in an academic year, carefully analyze them and report their findings t committees/clubs/cells contribute to support the methodologies like cros academic and non-academic issues.*

*IQAC provides all the facilities for holistic all-round development of them "Fit for Purpose". Continuous evaluation of the students is carrie assessment and summative assessment.*

File Description	Docu
Paste link for additional information	
Upload any additional information	

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

*B. Any 3 of the above*

File Description
Paste web link of Annual reports of Institution
Upload e-copies of the accreditations and certifications
Upload any additional information
Upload details of Quality assurance initiatives of the institution (Data Template)

**INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 - Institutional Values and Social Responsibilities**



**7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

**a) Safety and Security:**

The institution provides a safe and secure environment for all the stakeholders effectively free from oppression and threat.

Steps to ensure safety and security for all as mentioned below:

1. The institution provides trained and committed security personnel for all stakeholders on the campus. Entry of all staff and students is without affecting their identity. Visitors' entry is affected after proper campus surveillance. Anti-Ragging Cell conducts regular awareness programs. constituted from responsible faculty members for the prevention of sexual harassment. ensures zero-tolerance against sexual harassment.
2. Fire extinguishers are installed in all buildings/floors. Signages displayed on the campus.
3. "SAMARTHINI", The women empowerment cell, organizes various programs for gender sensitivity and gender equity.

**b) Counseling:**

"PARIVARTHANA", the student's counseling cell conducts programs to address issues faced by the students. The institution has 15 trained counselors

**c) Common Room:**

The institution has separate common rooms for boys and girls, consisting of water facility, and stretcher, wheel-chair, first aid box, for medical emergencies.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.sapthagiri.edu.in/designs/naac/AQAR/CR7">https://www.sapthagiri.edu.in/designs/naac/AQAR/CR7</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://www.sapthagiri.edu.in/designs/naac/AQAR/CR7">https://www.sapthagiri.edu.in/designs/naac/AQAR/CR7</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures</b> Solar energy      Biogas plant      Wheeling to the Grid      Sensor-based energy conservation      Use of LED bulbs/ power efficient equipment	A. 4 or All of the above
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File Description	Documents
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Geo tagged Photographs	
Any other relevant information	

7.1.3 - Describe the facilities in the Institution for the management of the following types of de waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management Waste recycling system Hazardous chemicals and radioactive waste management

**Solid Waste Management:**

- Solid waste is collected separately using the dust bins which are pl labeled as dry and wet waste to maintain cleanliness.
- Emptying of the dustbins is done periodically.
- All degradable waste that is produced on the campus is stabilized in composter and Bio digester. The stabilized manure collected is used
- The debris generated from the incinerator is collected and safely d
- Non-biodegradable waste generated in the campus is collected and sa to Municipal Corporation.
- Recycling waste like plastics, newspapers, etc. is sold to scrap dea

**Liquid Waste Management**

The institution has systematic sewage networks and 80 KLD capacities Sew Treated water is used for campus greeneries.

**E-Waste Management**

The institution has a systematic protocol to manage the e-waste and is d dealers.

**Hazardous Chemical Waste Management**

Hazardous chemical waste which is generated in the laboratories is coll location and transferred to a collection tank for safe disposal by an a

File Description
Relevant documents like agreements / MoUs with Government and other approved agencies
Geo tagged photographs of the facilities

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the

File Description
Geo tagged photographs / videos of the facilities
Any other relevant information

**7.1.5 - Green campus initiatives include**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of bicycles/ Battery-powered vehicles</li> <li>3. Pedestrian-friendly pathways</li> <li>4. Ban on use of plastic</li> <li>5. Landscaping</li> </ol>	<p><b>A. Any 4 or All of the</b></p>
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File Description
Geo tagged photos / videos of the facilities
Various policy documents / decisions circulated for implementation
Any other relevant documents

<p><b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the instituti</b></p>	
<p><b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b></p>	<p><b>A. Any 4 or all of the</b></p>

File Description
Reports on environment and energy audits submitted by the auditing agency
Certification by the auditing agency
Certificates of the awards received
Any other relevant information

<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the</b></p>
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File Description
Geo tagged photographs / videos of the facilities
Policy documents and information brochures on the support to be provided
Details of the Software procured for providing the assistance
Any other relevant information

**7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 20**

The Institution through its committees/clubs/cells creates an atmosphere of harmony in diverse domains such as cultural, regional, linguistic, communal. The institution always lays emphasis on healthy, peaceful, and joyous, and provides all the students and staff. With the clear-cut inputs from the management, the institution conducts cross-cultural, cross-linguistic, and cross-communal activities outside the campus to achieve an all-inclusive environment for the students. The students enthusiastically participate in these events. The events foster interpersonal relationships.

A few of the events are, Madhurya, Okuli, World No Tobacco Day, Drug Awareness, Fit India: Freedom Run, Ganesha Festival, Ambedkar Jayanthi, Sadbhavana Awareness Jatha, One student One plant, Student induction programme, and Blood Donation Camp.

These events help the students to imbibe qualities like respect for the culture, democratic ways of thinking and selfless service.

**File Description**

Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)

Any other relevant information

**7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations and responsibilities of citizens**

The institution organizes various activities for sensitizing the students, inculcating values, rights, duties, and responsibilities for being responsible citizens of the country.

The institution celebrates Sadbhavana Diwas on the birth anniversary of Minister Rajiv Gandhi, to promote national integration among students by the Integration Pledge.

The institution conducts programs on Human Rights and responsibilities, national integration to create awareness among students on human rights and citizens' responsibilities for creating an atmosphere of harmonious co-existence.

The institution organizes Swachh Bharath Abhiyan to create awareness about cleanliness around the campus, and also organizes blood donation camps to encourage students as a service to society.

The institution celebrates all national days. These events involve hoisting the national flag by the principal. The institute also celebrates Teacher's Day, Jayanthi, Engineers day, etc.

**File Description**

**Documents**

Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.sapthagiri.edu.in/designs">https://www.sapthagiri.edu.in/designs</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

A. All of the above

File Description
Code of ethics policy document
Details of the monitoring committee composition and minutes of the committee meeting, number of meetings organized, reports on the various programs etc., in support of the claims
Any other relevant information

**7.1.11 - Institution celebrates / organizes national and international commemorative days, events and programmes**

The institution celebrates National and International commemorative day with a view to promote patriotism, human values and inclusiveness. The Independence Day, Republic Day, and Gandhi Jayanthi.

Institute celebrates Teacher's Day, Engineer's Day, Ambedkar Jayanthiin Radhakrishnan and Sir M. Visvesvaraya, and Dr. B. R. Ambedkar. Kannada R celebrated in the month of November. Sadbhavana Diwas and Rashtriya Ekta celebrated.

International commemorative days like World Health Day, World Water Day Day, World Environment Day, International Anti-Drug Day.

The major festivals like Ganesh Chaturthi, Ayuda pooja, Navarathri and to imbibe cultural values among the students.

File Description
Annual report of the celebrations and commemorative events for the last (During the year)
Geo tagged photographs of some of the events
Any other relevant information

## 7.2 - Best Practices

**7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC for**

**Best Practice-1**

1. Title: "MARGADARSHI" - Student Proctoring System

2. Objectives:

To provide a strong support system between the Mentor and Mentee.

The objective of MARGADARSHI is to monitor the students' progress and aid their all-round performance involving their parents and peers.

3. The Context: The students, entering a new and challenging environment, need support, and counsel.

4. The Practice: MARGADARSHI is a system in which mentoring/proctoring staff member being assigned to a set of about 20 students. Parent-Teacher meetings are conducted and recorded regularly. Weak students are identified by every staff member and provided with extra coaching to cope with their peers.

In certain situations, parents/guardians are contacted to apprise them of their wards' irregularities, behavioral changes, interpersonal relations, and undesired behavior. The proctors maintain a detailed progressive record of the students' progress.

5. Evidence of Success:

Improvement in academic performance, placements, and behavior is noticeable.

6. Problems Encountered and Resources Required:

More often students shy away from sharing their personal and family problems. Effective persuasion on the part of the mentor is required.

Effective counseling is in place in the institution.

**Best Practice-2**

1. Title of the Practice: SAPTHAGIRISAPTHAPADA-

(Students Community Conviction)

2. Objectives:

- To involve students in community services.
- To understand societal concerns and formulate a holistic activity.

3. Context of the practice:

Academic institutions and society are interdependent. Institutions are not just for academics but also serve the neighborhood, through the students, to raise living through community service. By this means the students get acquainted with society and helps them to become mature and responsible citizens.

4. The practice:

SapthagiriSapthapada is an ISR initiative by the institution to network Students are encouraged to register with at least one of the clubs wher andresponsibilities are spelt out.

Extension activities are implemented throughHealth Club, Hasiru, Prathi Samarthini,Manuja Matha, Community Club, Saptha Samatha.

#### 5. Evidence of success:

SapthagiriSapthapada contributedenormously tothe benefit of theneighbor extension activities. Students are sensitized toissues ofenvironmental responsibility, societalequality through different community-oriented e

#### 6. Problems encountered and resources required

Sometimes it's difficult to get permission from schools to conduct prog the clubs and schools do not match. Convincing the people on certain se difficult.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.sapthagiri.edu.in/designs/naac/AQAR/CR7/7.2.1/BI">https://www.sapthagiri.edu.in/designs/naac/AQAR/CR7/7.2.1/BI</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

#### 7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thru

Title: "PARIPOORNATHE" (Excellence through Sports and Cultural activiti

PARIPOORNATHE stands for completeness and is in line with the Mission a Institution.

The institution stands out among its peers in academics, culture, and s

The Institution believes that excellence in engineering education canno academic accomplishments. The prime motto of the Institution is to enco students not only to excel in academics but alsotoinsist on their parti cultural,extra-curricular, and extension activities, so as to enable th skills. Knowledge, skills, andhuman values are the hallmarksof excellen Accordingly,IQACis tasked not only towardsacademic excellence butalso t sports, cultural, extra-curricular, and extension activities. The cultu various platforms to promote cultural activities at the institution whi Pooja, Kannada Rajyotsava, Madhurya: a musical competition, Okuli: a se related to colors like Rangoli, Painting, Design Stitching, Origami, Fl Craftwork,etc.The department of physical education trains and supervise



physical exercises in the gymnasium, indoor and outdoor games. It also o  
University meets, and various intercollegiate sports events.

File Description	Documents
Appropriate web in the Institutional website	
Any other relevant information	N

### 7.3.2 - Plan of action for the next academic year

1. Department of Civil Engineering and Biotechnology will submit their accreditation
2. The institution will apply for the NIRF ranking in the AY 2021-22.
3. The institution is in the process of applying to the Visvesvaraya T for the grant of autonomy under it, which will give a major impetus missions towards achieving the vision
4. The institution will apply to VTU for the status of Research Centre Mathematics and Civil Engineering
5. With the institution having completed 20 years of offering undergra programs as an affiliated college of VTU and its recent accreditati NAAC-A grade accredited institution, the institution will apply for central, state and private funding agencies to carry out research a