



## **YEARLY STATUS REPORT - 2021-2022**

### **Part A**

#### **Data of the Institution**

<b>1.Name of the Institution</b>	
Sri Venkateshwara College of Engineering, Bengaluru	
• Name of the Head of the institution	Dr. Nageswara Guptha M
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9731226262
• Mobile no	9843255706
• Registered e-mail	principal@svcengg.edu.in
• Alternate e-mail	svceiqac@svcengg.edu.in
• Address	Sri Venkateshwara College of Engineering, NH7, Vidyanagar, International Airport Road, Bengaluru - 562157.
• City/Town	Bengaluru
• State/UT	Karnataka
• Pin Code	562157
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	UGC 2f and 12(B)																
• Name of the Affiliating University	Visveswaraya Technological University, Belagavi																
• Name of the IQAC Coordinator	Dr. Manjunatha N K																
• Phone No.	9535530365																
• Alternate phone No.	9731226262																
• Mobile	9535530365																
• IQAC e-mail address	svceiqac@svcengg.edu.in																
• Alternate Email address	principal@svcengg.edu.in																
3.Website address (Web link of the AQAR (Previous Academic Year)	<a href="https://svcengg.edu.in/wp-content/uploads/2022/12/AQAR-2020-21-as-on-24-12.pdf">https://svcengg.edu.in/wp-content/uploads/2022/12/AQAR-2020-21-as-on-24-12.pdf</a>																
4.Whether Academic Calendar prepared during the year?	Yes																
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://svcengg.edu.in/wp-content/uploads/2023/01/CoE_2021_22.pdf">https://svcengg.edu.in/wp-content/uploads/2023/01/CoE_2021_22.pdf</a>																
<b>5.Accreditation Details</b>																	
<table border="1"> <thead> <tr> <th>Cycle</th><th>Grade</th><th>CGPA</th><th>Year of Accreditation</th><th>Validity from</th><th>Validity to</th></tr> </thead> <tbody> <tr> <td>Cycle 1</td><td>B++</td><td>3.00</td><td>2021</td><td>23/02/2021</td><td>22/02/2026</td></tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B++	3.00	2021	23/02/2021	22/02/2026
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to												
Cycle 1	B++	3.00	2021	23/02/2021	22/02/2026												
6.Date of Establishment of IQAC	04/08/2014																
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>																	

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Mechanical Engineering & Computer Science and Engineering	SPICE	AICET	2021, 1 Year	1,00,000.00
Computer Science and Engineering	SPP	KCST	2021	22,000.00
Electronics and Communication Engineering	SPP	KCST	2021	26,000.00
Information Science and Engineering	SPP	KCST	2021	9,000.00
Mechanical Engineering	SPP	KCST	2021	6,000.00
Mechatronics Engineering	SPP	KCST	2021	6,000.00

<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>		
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>		
<b>9. No. of IQAC meetings held during the year</b>	<b>01</b>		
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded		

<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
• If yes, mention the amount	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
1. Internal Assessment Test question paper moderation to improve OBE standards. 2. Conduction of Quality initiative programs on IPR, OBE, Drone Training etc... 3. Participation in NBA accreditation and QS I-GAUGE, NIRF & ARIIA Ranking. 4. Initiation of teaching learning and evaluation process in line with NEP 2020. 5. Introduction of structure methodology for project conduction and evaluation.	
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	

Plan of Action	Achievements/Outcomes
Data collection for the upcoming year AQAR preparation	The data has been updated at the department level.
Organization of workshops/Seminars/Webinars	IQAC in association with other departments organized the 05 workshops/ Seminars to enhance the knowledge of students and faculties.
Enhancing Library Resources	For enhancing the recourses in the Library, 26 Title, 1047 Volume, NPTEL, Lecturer Videos, Course materials & 7 VTU E-recourses were added.
Encouraging faculties to register and complete Ph.D	6 faculty members are awarded Ph.D degree and 10% of faculty members are registered for Ph.D degree in the last year.
Research publications in reputed journals	Many faculties are published more articles in reputed journals / Conferences.
Participation in NBA Accreditation	The SAR was Submitted.
Participation in QS I-GAUGE Ranking	The data was submitted successfully to the QS I-GAUGE.
Encouraging students for core company placements	A Maximum package of 20 Lacs as been attained and 90% of students are placed in core companies.
<b>13.Whether the AQAR was placed before statutory body?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Nil	Nil
<b>14.Whether institutional data submitted to AISHE</b>	

Year	Date of Submission
2021-2022	28/02/2020

### 15. Multidisciplinary / interdisciplinary

Sri Venkateshwara College of Engineering (SVCE) is a self-financing institute affiliated to Visvesvaraya Technological University (VTU). It is an academic teaching institution and delivers a quality interdisciplinary and multidisciplinary engineering education in accordance with NEP curriculum framework by the VTU. The multidisciplinary or interdisciplinary higher education is a key theme in the national education policy announced in the year 2020.

SVCE is practicing the same in line with VTU, to implement NEP 2020 along with open electives and professional electives, Multidisciplinary/Interdisciplinary courses in yoga, NSS, Physical education, Sports, Universal Human Values, Design Thinking, Ability Enhancement Course (AEC), Scientific Foundation of Health, Communicative English, Professional Writing Skills in English, and biology for Engineers to meet the aspirations of NEP 2020. The institute trained faculty members to teach multidisciplinary subjects and conducted various workshops for the same. The university will place a strong emphasis on multidisciplinary inter learning by introducing the subjects in the trending area of the curriculum. The institute is implemented interdisciplinary / multidisciplinary project works and plans to conduct interdisciplinary IEEE conference and workshops to enhance the knowledge of students. The institution contains the necessary resources for students to get ready for graduate and professional studies, are careers in innovative disciplines and for prominent levels of proficiency and confidence.

### 16. Academic bank of credits (ABC):

Academic Bank of Credits (ABC) is a virtual or digital storehouse that contains the information of the credits earned by individual students throughout their learning journey. It will enable students to open their accounts and give multiple options for entering and leaving colleges or universities. Academic Bank of Credits is a vital part of NEP 2020. As per the NEP, the VTU has reframed its scheme and syllabus in 2021. Since our institute is affiliated to VTU, the institute is strictly following the guidelines of VTU from time to time. Inter or multidisciplinary approach is the need of the hour with the academic credits mentioned in university scheme and syllabus, our institute is helping the students learn subjects of

their choice and become skill-oriented graduates. The institute is already in the process of encouraging the students to take the MOOC's offered by premier institutions of the country to hence their technical skills. The institute faculties are encouraging the students to take up MOOC courses examinations and guiding them in every step to gain the credits of the courses. The institution proposes to pursue autonomous status allowing it to register with the academic Bank of credits.

#### **17.Skill development:**

NEP 2020 is an important step that will change the face of the Indian educational system. The NEP recognizes the importance of soft skills such as Communication, Teamwork, Problem solving, Decision making, Analytical thinking, Resiliency, etc...as imperative life skills. skill development is an umbrella framework to develop employable skills among the youth of the country through learning and producing workers adequately skilled to meet the requirements of industry with faculties and students of the institution need reskilling as adoption of technology increases, accordingly the curriculum changes in the VTU and industry. The institute intends to reskill and upskill individuals by encouraging them to participate in ATAL FDP's, Seminars, Workshops, and Conferences in unprecedented numbers to upgrade their knowledge and acquire the required skills. The faculty members of the institute also teaching contents beyond the syllabus in the courses to improve the skill among the students. The institute is giving additional training facility to the students to enhance their skill. Sri Venkateshwara College of Engineering, has different functional MoU's with various companies, organizations, and professional bodies to improve the skill to fill gap between the industry and academia. The institute encourages our students and faculties to learn new skills through digital technologies.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

The VTU implemented NEP 2020 in the year 2021. Our institute is affiliated to VTU, so the institution must implement NEP 2020, which calls for a system of education modeled after India's rich linguistic, cultural, and creative history. The promotion of Indian arts and culture is seen as particularly important and hence the creative and cognitive skills of students and faculties. The institute follows the framework of VTU curriculum. the integration of Indian knowledge system is integrated in the curriculum as given by the affiliating university included as a compulsory credit course such as Samskrutika Kannada / Balake Kannada, constitution of India,

professional ethics, universal human values - I & II and a credit course on, NCC, Yoga etc... institute celebrates National festivals, Regional festivals to inculcate the Indian linguistic, Cultural knowledge system among its stake holders. Also focusing in order to imbibe Indian traditional culture and motivate students to understand the importance of Indian civilization. The institute empathizes faculties and students to take off online courses given by top universities across the country in order to improve their abilities the institute appointed specialized stream faculties to handle his subjects.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Sri Venkateshwara College of Engineering is affiliated to VTU. The regulations governing the UG and PG degrees are under Choice-Based Credit System (CBCS) and Outcome Based Education (OBE) System. Our institute follows the guidelines and regulations of the VTU in the curriculum. SVCE, started practicing OBE from 2015 and follows the National Board of Accreditations (NBA) guidelines for preparing PSO's, PEO's and Course outcomes (CO's). The Four programmes (CSE, ECE, Cv & ME) offered by the institute were successfully accredited by NBA till June 2022, demonstrating the institute's commitment to providing high-quality education. In the year 2022, the institute is going for third cycle accreditation for two programs (CSE & ECE) and first cycle for one program (ISE), for NBA accreditation. The institute implemented three variants for laboratory experiments procedures, all the question papers are printed with Co's and revised Blooms Levels to achieve OBE.

The institute implements the following process for effective implementation of OBE

- Establish the Vision Mission statements and Program educational objectives (PEO's).
- Defines course outcomes with Bloom's Taxonomy.
- Define CO (Course Outcomes) with Bloom's Taxonomy for each Course.
- Map CO with PO at suitable levels of Bloom's Taxonomy.
- Define pedagogical tools for course outcomes delivery.
- Preparing session-wise Course Lesson Planner.
- Map Questions with CO's at Bloom's Taxonomy levels & Assessments.
- Measure the attainment of each PO through Direct/Indirect assessments.
- Compare PO for last 3 academic years and propose remedial actions.
- Assess the attainment of Program Educational Objectives.



The institute organized several seminars, awareness programs, Webinars, etc... to encourage students and faculties towards OBE. The institute started club activities for students, as part of activities 20 students clubs at the institute. The institute improves the teaching-learning process, student learning levels and reviews programmes and academic standards on a regular basis in accordance with global standards.

## 20.Distance education/online education:

The institute has been promoting MOOC online courses from 2021 onwards and education students to take online courses. The institute's faculty members are also taking online courses to keep their knowledge upto date in order to prepare students for global standards. The faculty members of the institute helping students to complete the NPTEL online courses using AICTE's SWAYAM system and also monitoring the students in the process. The faculty members of the institute will actively participating in the ATAL FDP's through online to enhance their knowledge skills to global standards. A few faculty members of the institute are completed FDP on UHV conducted by AICTE. The institution is planning to start the online education programme and to accomplish the eligibility criteria of University Grant Commission (open and distance learning) regulations, 2017 and University Grant Commission (online courses) regulation 2018. The institute has plan to start online education in the near future to offer skill-oriented programs as well as online academic programs after the approval by the UGC.

The institute has taken the challenge to provide the quality of education to the students in the blended learning. To provide the quality of education through online mode the institute purchased the license version of Microsoft team (MS Team) software, and provided Wacom digital writing pad to all the faculties to teach effectively through online mode. The institute faculty members are recorded their class sessions and uploaded in Youtube channels to support students learning process. During the pandemic situation, the institute conducted internal assessments through online and all the documents of assessment is stored in MS team. The institute follows the blended mode (80% online & 20% offline) teaching learning process to enhance the students knowledge.

## Extended Profile

### 1.Programme

1.1

475

Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1	1909
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2	150
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
2.3	521
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	135
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	135
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

**4.Institution**

4.1	54
Total number of Classrooms and Seminar halls	
4.2	397
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	626
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 documented process

The curriculum is designed & framed by the Board of Studies (BoS) of the affiliating University and approved by the Academic council of the Visvesvaraya Technological University (VTU), Belagavi. The institute follows the curriculum designed by the affiliated University. The college calendar of events is prepared in line with the VTU calendar of events.

The calendar of events includes the department meetings, faculty & head of the department meetings, parents' meetings, various events to be conducted at the Institute level, attendance calculation & display of results, internal assessment conduction.

The department faculty members prepare the class time table and lesson plan as per the VTU guidelines. Lesson plan includes lecture hours, topics to be taught and tutorial classes during the semester.

The student's performance is assessed through Continuous Internal Evaluation (CIE) by conducting Internal Assessment (IA) test and assignments as per VTU guidelines.

The question papers for the IA are generated automatically through SVCE Question Paper Distribution System (QPDS) developed in-house

which contains knowledge levels as per Bloom's Taxonomy and Course Outcomes.

All faculty members maintain course files which includes timetable, calendar of events, class list, lesson plan, IA Marks Analysis, Attendance, previous examination question papers, IA question papers with scheme of evaluation and performance details of the students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/1.1.1 Additional information.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/1.1.1 Additional information.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The college adheres to academic calendar provided by Visvesvaraya Technological University (VTU), Belagavi.

Based on this academic calendar, the institution prepares the academic calendar/ Calendar of Events which includes the dates of commencement, completion of syllabus, schedule of internal exams, Working days, teaching days, internals marks submission, seminars, guest lectures, workshops, industrial visits, holidays, dates of semester end examination etc.

As per the academic calendar and guidelines of the University, Timetable is prepared by senior faculty and after approval from respective Heads of the department & Principal it will be circulated to all the faculty members and students before commencement of the semester. Calendar of Events and Timetable both published on website of the college.

Internal Assessments are conducted as per the calendar of events. For implementation of Internal Assessment Process, Examination committee is formed at college level which monitor overall internal assessment process. Continuous Internal Assessment review is taken by the Principal regularly. In addition, IQAC team conduct internal audit to verify the compliance to academic calendar/ calendar of events with documentary evidence.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/1.1.1_Additional_information.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/1.1.1_Additional_information.pdf</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**  
**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**

**D. Any 1 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **1.2 - Academic Flexibility**

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

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

**9**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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 for year: (As per Data Template)**

0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment****1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum****1 Gender:**

- To prevent sexual harassment at workplace and to empower the women employees, the Institute has constituted 1) Women Empowerment Committee 2) Anti-Sexual Harassment Squad 3) Anti-Sexual Harassment Committee to effectively curb any unhealthy working condition for the women employees and to increase their morale & empower them.
- Equal opportunities are extended to all in every aspect of teaching and learning in the Institute as it believes that gender discrimination is a crime.

**2. Environment and Sustainability**

- The University has made it compulsory to study "Environmental Studies" in their regular curriculum to create awareness

related to various environmental issues the world is facing.

- Various extension programmes are being organized by the Institute through NSS unit to create awareness among the rural community with respect to ecological balance and its importance.

### 3. Human Values and Professional Ethics

- The University has made it mandatory to study the "Constitution of India and Professional Ethics" to provide basic information about Indian constitution, to identify individual role and ethical responsibility towards society and to understand human rights and its implications.
- The Institute regularly organizes , National & State festivals, etc. to boost morality and awareness among the staff & students

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

#### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

7

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

561

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**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

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/1.4.1_Syllabus_Feedback.zip">https://svcengg.edu.in/wp-content/uploads/aqar2122/1.4.1_Syllabus_Feedback.zip</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/1.4.2_Feedback_Analysis.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/1.4.2_Feedback_Analysis.pdf</a>

**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****470**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per 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****124**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Institute has a Student Information System (SIS) portal which are MS-Team and Kaizala - Messaging & Work Management software Application. These are used for maintaining the data of all the enrolled students for communication. Every student has given login and password to access his/her data from the portal. The attendance and test marks are made available in the portal. The access to the student's data given to the subject teacher, class teacher, Head of the Department, Principal, student, and parent, this helps them to track the student progress. Subject teachers, class teacher and mentors along with Head of the Department, identify the slow learners & advanced learners by tracking their academic performance in the IA tests conducted as per the calendar of events.

**Slow learners**

- The IA marks and attendance of the slow learners are informed to their parents over the phone and through SIS portal.
- The tutorial and remedial classes are conducted to improve

their academic performance.

- Online recordings through MS Team of classes which run in blended mode are made available to students all the time.

#### Advanced learners:

- Advanced learners are constantly guided and encouraged for participation in various competitions.
- The mentors identify their interest and talent in various domain and then guide & motivate them.
- Students are encouraged to participate in National and International Level events like paper presentation, poster presentation etc.

File Description	Documents
Paste link for additional information	<a href="https://svcengg.edu.in/wp-content/uploads/agar2122/2.2.1.pdf">https://svcengg.edu.in/wp-content/uploads/agar2122/2.2.1.pdf</a>
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1909	135

File Description	Documents
Any additional information	<a href="#">View File</a>

#### 2.3 - Teaching- Learning Process

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

The Institute is practicing different student centric learning methods to enhance their learning ability, these include: seminars, mini projects, paper presentations, poster presentations, etc.

**Experiential learning:**

Students are allowed to conduct experiments independently in practical classes. Mini projects at third year level and major projects at final year level will help in imparting the required technical skills to the students. They are encouraged to do the internships in industries & industrial visits as a part of industry institute interaction. Mini project exhibitions are being organized to showcase their skills.

**Participative learning:**

Students are motivated to participate in Quiz Competitions, Paper Presentation, Technical Seminars and Online Certification Courses to get the participative learning environment. Student development programs and workshops are conducted to enhance the learning capabilities of the students. Every classroom is provided with projector and internet facilities (Videos, NPTEL) to enhance their knowledge.

**Problem solving:**

- Encouragement is given to take part actively in AICTE sponsored Hackathon every year & motivated to participate in National level Project exhibition IEEE YESIST12 to enhance the problem- solving ability.
- Students are motivated to take part in Training and Placement, Entrepreneurship Development and Incubation Centre (EDIC) and assisting in consultancy activities.
- Students are involved in assisting research work with Quality Assurance, Research, Innovation, Incubation, Industry Interaction, Development, Entrepreneurship, Education and Social Responsibility (QRIDES).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

maximum of 200 words

The role of Information and communication technologies (ICT) in teaching-learning process ensure that students play an active role in the learning process. Faculty combines technology with traditional mode of instruction to engage students in long term learning. But, in year 2020 due to pandemic, education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely on digital platforms. After pandemic, though teaching-learning shifted to offline mode; recording of classes are maintained through MS-Team platform.

- Online Classes - Faculties are engaged the online classes by using MS Team platform along with Digital Writer. All faculties using a digital writer for conducting their classes.
- PowerPoint presentations- Faculties are encouraged to use power-point presentations in their classroom teaching by using LCD's and projectors.
- Industry Connect- Along with classrooms, Seminar halls & laboratories are digitally equipped where guest lectures, expert talks and various hands-on sessions are regularly organized for students.
- Online quiz- Faculties prepare online quiz for students during the teaching process through MS Team platforms.
- Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.
- Online competitions- Various technical events and management events such as Poster making, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

**2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )****2.3.3.1 - Number of mentors****135**

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<b>No File Uploaded</b>
Mentor/mentee ratio	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality****2.4.1 - Number of full time teachers against sanctioned posts during the year****135**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (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.Sc. / D.Litt. during the year****35**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

**2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)****2.4.3.1 - Total experience of full-time teachers**

666

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The detailed academic calendar is prepared before the start of the semester, which includes date of IA, VTU Examination, Display of Results, etc.

- Separate Examination cell comprising of Control of Examiner (CoE), senior faculty members and a team of teaching and non-teaching staff members. The allotment of the invigilation duties, seating arrangements and schedule of the subjects are controlled by CoE.
- The Institute has a robust and transparent system mechanism of internal assessment through question paper distribution system (QPDS). The question paper will be prepared as per the norms of the VTU. The faculty members upload the question bank pertaining to the subject with knowledge levels and course outcomes to the QPDS server. The question paper will be generated early 15 minutes of IA tests starts by CoE.
- The Institute maintains very strict, impartial, impersonal, confidential vigilant in smooth conduct of IA tests aided with in-house supervision, strictly adhering to university norms. Room invigilation work is allotted to two faculty members in each class room and also the internal squad team is constituted comprising senior faculty members in each department.
- The subject teacher explains the scheme of evaluation in

classroom, and then evaluated blue books are circulated to the students. Any discrepancy in the evaluation is duly addressed. The IA marks are intimated to the parents through OPTRA and displayed on the notice board.

- Since pandemic, Internal exam are conducted in offline or online mode through MS-Team platform.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://svcengg.edu.in/wp-content/uploads/agar2122/2.5.1.pdf">https://svcengg.edu.in/wp-content/uploads/agar2122/2.5.1.pdf</a>

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The Institute has Examination committee, comprising of The Principal (Chief Superintendent), Controller of Examination (COE), senior faculty and other teaching staff as members, to deal with examination related grievances. Grievances raised by students are effectively communicated to the University for needful actions. Following are the possible grievances raised by students,

- The student can apply photocopy of the answer script and revaluation as per the university norms.
- Repeated questions, improper split of marks, missing data, marks missed and wrong question number during semester exams are reported to the Principal in turn communicated to the Registrar (Evaluation). University decision after resolving the grievances is intimated to the students through COE.

The following are the some of the discrepancies in the affiliated University Examination for which letters have been (through online and Hardcopy) forwarded through the Head of the Institute of the college to the Registrar (Evaluation):

1. Change of subject code in the student hall ticket.
2. When results of the students are withheld.

3. Subject code missing in the student hall ticket.

4. If two different arrear papers/regular papers appear on the same date to the same student.

5. Out of syllabus in the question papers and discrepancy.

6. Special provisions made to write examinations to those who have met with an accident-related issues and for differently abled with the prior permission of the Registrar Evaluation of affiliated university.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

**Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) for all programs are well stated and displayed through:**

- Institute website
- Digital Display boards in all corridors of Departments
- Assignment Books
- Blue Books (IA books)
- Department notice boards/ Magazines/ Lab Manuals/ Department newsletters
- Awareness about COs, POs and PSOs are made to students by faculty at the beginning of the semester and through orientation programme.



File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

- Target of POs is set for the current academic year based on the previous year academic performance.
- Course Outcomes of individual courses are evaluated considering the student performance in the internal and University examination.
- Attainment level is measured in terms of actual percentage of students getting a set percentage of marks.

Final attainment is computed as  $0.6 * \text{University Exam marks} + 0.4 * \text{Internal Assessment marks}$ . Attainment level will be calculated using Direct and Indirect Assessment Methods.

If target levels of POs are attained, then higher attainment levels will be set for the next academic year in order to promote continuous improvement. If targets are not achieved the program should put in place an action plan to attain the target in subsequent years. Beginning of every semester, PAC & DAB will set the target based on the Previous performance.

COs are measured based on the individual marks obtained by the students against the maximum marks. Every subject faculty will set a target to achieve. If entire class crosses this target, the particular CO is attained. This process is carried out for the entire class and final CO attainment will be calculated for the particular Test.

If the target is achieved for a course, then the course outcomes are attained for that year and hence the target is increased reasonably (approximately 5%). If the target is not achieved then an action plan is to be carried out to attain the target in the following year.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 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 the year

544

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://svcengg.edu.in/wp-content/uploads/2022/12/Student-Satisfaction-Survey.pdf>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

##### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

**1.0**

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**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****9**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year****3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year****1**

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="http://www.aicte.-india.org">www.aicte.-india.org</a>

**3.2 - Innovation Ecosystem**

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Sri Venkateshwara College of Engineering offers a healthy environment, infrastructure and resources for enhancing students' & teachers' potential for research and innovative activities. The institute support faculty members and students to take part in workshops and training programs so they can learn about hot-bottom issues and how to find solutions.

The SVCE established Sri Venkateshwara innovation council (SVCE-IIC Cell -IC201810040) under the guidance of all India council for technical education and it is approved by the Ministry of Education, Government of India in the year 2018. The SVCE-IIC goal is to inspire direct, assist & train young inspiring engineering graduates so that their idea might become prototype models. This council seeks to alter the skill sets and knowledge of faculty member and students by conducting various events relating to intellectual property, entrepreneurship programs, start-up seminars, etc. SVCE found MSME BI center for promoting enterprenership development and incubation along with IPR cell.

Further, SVCE has research and development center. The five departments (ME, CSE, ECE, CV, Maths and MBA) of the institution are recognized as research centers by VTU. The research and development center promotes relationship between industry institution and academic institutions that are mutually useful and practical for both students and faculty members. The R&D center, creates awareness with faculty members to submit research proposal to various government organizations and other funding agencies for getting sponsored projects.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

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

6

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 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

04

File Description	Documents
URL to the research page on HEI website	Nil
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>

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

42

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

##### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

16

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Sri Venkateshwara College of Engineering (SVCE) is taking a number of steps to extend its reach and engage with the local community and it encourages students to get involved in social activities to better understand social issues and find ethical, legal and communal solution to problems. The All India Council of Technical Education has developed a programme to activities that students can participate into acquire the required number of points. Students at SVCE must AICTE activity point accrue AICTE activity points prior to graduation in order to receive their degree. By working in rural areas of developing technical solutions to address the civic crisis in the city and state, students can earn their activity points.

SVCE have NSS unit in campus to serve the nearby localities. The goal of the NSS unit is to develop young people with a positive outlook on life so they may work to improve society and our country as a whole. Through the NSS activities, the students learn the importance of self-cleanliness pollution effects, water conservation, protection of natural resources, and interaction with the public. The NSS unit of our institute has organized activities for community development such as Swachh-Bharat, Fire Safety Awareness program, etc.

File Description	Documents
Paste link for additional information	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/3.4.3.1.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/3.4.3.1.pdf</a>
Upload any additional information	No File Uploaded

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

**3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year****2**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized 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, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year****9**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**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 issue etc. year wise during year****2098**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

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

466

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

3

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

### INFRASTRUCTURE AND LEARNING RESOURCES



## 4.1 - Physical Facilities

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

Adequate facilities such as class rooms, tutorial rooms, laboratories, research laboratories, drawing halls, library, seminar halls, and auditorium are provided in the Institution for teaching learning activities.

**Classroom:** There are 49 classrooms fully-furnished, well ventilated, spacious lecture rooms for conducting theory classes. Each class room is furnished with LCD projector and internet facility to adapt advanced teaching methods.

**Laboratories** Institute has 47 laboratories to carry out the academic experiments prescribed by VTU. In addition, there are 3 laboratories to carry out the research activities.

**Computing facilities** There are 650 computers which include 626 desktops, 10 servers and 24 laptops. The entire computers area unit connected with local area network and net facility. The institute has licensed softwares like MATLAB, CADENCE, STAAD Pro., ANSYS, Solid works, Edge cam, Mipower etc. In addition to the regular activities students can download research papers, browse internet, prepare report, power point presentation etc. The institute has 100Mbps lease line for the internet facility through LAN as well as Wi- fi with 8 numbers of hot spots.

**Drawing hall:** Two drawing halls are available at Civil Engineering department, drawing classes are conducted using drafter to draw manually.

**Tutorial rooms:** There are 08 tutorial rooms which are being used to conduct special classes and discuss the queries of students related to academic activities.

**Seminar halls:** Five Seminar halls with good audio visual facilities are provided. These seminar halls minimum of 70 seating capacity are being used for conferences, seminars, workshops and placement activities.

**Auditorium:** The auditorium is having 350 seating capacity with good audio visual facilities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

#### SPORTS ACTIVITIES

The Campus is provided with both basic infrastructure for education and sports. The games like Basketball, Volleyball, Badminton, Ping-Pong, Cricket, Hand ball, Softball, Throw ball, Football, Chess, Carom, Athletics and self-protection underneath trendy games; Kho-Kho, Kabbadi, etc. underneath the standard sport activities of India are conducted.

#### SPORTS INFRASTRUCTURE

##### Facility

No.

Area/size (mxm)

Year of establishment

Synthetic basket ball court

1

28.7x15

2012

Volley ball court

1

18 x 9

2008

Shuttle badminton court

2

13.41 x 6.71

2012

Throw ball court

1

12.2 x 18.3

2008

Kabaddi court

1

12.5 x 10

2008

Kho-kho

1

29 x 16

2008

Tennis Court

1

12.2 x 5.5

2008

Ball badminton

1

13.4 x 6.1

2006

Cricket ground

1

137.16 x 152.4

2008

Football ground

1

90 x 120

2010

Athletic track 200m

1

200m

2008

Indoor

01

4.88x4.57

2006

Multi gym

1

2016

Table tennis board

1

2.74 x 1.52

2006

Caroms boards

7

2006

Chess boards

06

2006

**CULTURAL ACTIVITIES**

As a part of cultural activities, SVCE organizes student cultural fest SRUSHTI (Intra-college) - every year and KALAAVAIBHAVVA (Inter-college) - once in two years. Student activities are categorized into art, literature and drama which include solo dance, group dance, singing sketching, impromptu speech, mono acting, mad-ads etc. In addition to the above activities, the institution also celebrates State and National festivals.

**INFRASTRUCTURE FOR CULTURAL ACTIVITIES**

Facility

No.

Area/size (m)

Stage (mxm)

Year of establishment

Auditorium

1

14.5 x 30

3.9 x 7.48

2012

Amphitheatre

1

28.3 x 37.2

9.7 x 13.9

2003

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

268

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

**Nature of Automation:-Partially automated**

**Version: - LIBSOFT 12.0.0**

'Libsoft' Library management software was purchased in the year of 2008 and AMC fee of Rs.9000/- is paid. This package is designed to handle huge volumes of books and titles thus saving manpower.

**Features of Libsoft:** The Library has adopted open access system and all the books are bar-coded and circulation is maintained through LIBSOFT library management software by using barcode scanner.

**Online Public Access Catalogue (OPAC) :** Search for Books, Journals, CDs, etc. Web Search (connecting to Library of Congress), Reservation of Items, Material List ( Unique Titles), Purchase, Requisitions, etc.

**Other key features:**

- Search for materials (Books, CDs, Journals, etc), Members, Vendors, Purchase orders, Transactions, Reservations, Budget Analysis, etc,
- The search can be performed for selected fields and the results can be saved in the Excel Sheet.
- Graphical representation of expenditure, Books in Demand, New Arrivals etc. Database Management:
- Easy maintenance of database through BackupRestoring
- Importing and exporting the data from and to MARC 21 format

using MARC tags, to facility transfer of data between networked libraries.

**Administrator:** Creating users with access to specific modules or sub menu along with password and expiry date. There is no upper limit for number of users.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**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. Any 3 of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**22.31**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for**



online access) (Data for the latest completed academic year)

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

320

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

Institution frequently updates its IT facilities including Wi-Fi

Sri Venkateshwara College of Engineering has a team of dedicated IT staff to cater to the needs related to IT infrastructure and maintenance. The institute periodically upgrades the IT infrastructure based on the requirements given by the respective departments. There are total 650 computers and servers available in the institute. The systems are connected with local area network and internet with 100 Mbps speed. The institute has all time Wi-Fi facility in the campus.

Wi-Fi access point is updated regularly to match the compatibility of high end laptop, desktop and other computer accessories. All the software's and other applications are periodically updated before the expiration. Further, all the applications are upgraded regularly as per the requirements of all the departments in the institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

626

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution****A. ? 50MBPS**

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure****4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)****397**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

**Utilization****Maintenance****LABORATORY**

Used for the conduction of regular academic activities as per the time-table

The required consumables are procured, necessary service and repair works of lab equipment's will be carried out periodically.

#### LIBRARY

The transaction of books is done through LIBSOFT. Spacious readings halls are provided the users.

Based on the requirement books, journals etc. are purchased periodically.

#### SPORTS FACILITY

The facility is made available throughout the year.

Any requirement of sports equipment/facility will be fulfilled every year.

#### COMPUTERS

Computers are used as per the time table prepared at the beginning of every semester.

The computers are covered under AMC. Any required additional software and upgrading is done periodically.

#### CLASS ROOMS

Classrooms are used as per the time table (teaching and examination).

Regular cleaning and Maintenance is carried out.

#### AUDITORIUM AND SEMINAR HALL

Utilized to conduct seminars, workshop, FDP, etc.

The various facilities like canteen, xerox shop, stationery, ATM facilities, laundry and parking facility are maintained by respective service providers. Gymnasium and playgrounds are maintained by PED. Effluent treatment plants and rain water harvesting system are supervised by maintenance department. Transport facilities are maintained by transportation department. Fire safety equipment's installed in various blocks, maintained by the respective department.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

805

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

9

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**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**

**D. 1 of the above**

File Description	Documents
Link to Institutional website	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/5.1.3.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/5.1.3.pdf</a>
Any additional information	<b>No File Uploaded</b>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

0

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

0

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<b>No File Uploaded</b>

<b>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</b>	<b>A. All of the above</b>
---	----------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

**293**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

**11**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: 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 (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

The institute maintains transparency in all activities. The student co-ordinators are the prime movers in many activities conducted in the institute. Students constitute a major stakeholders in the institute's growth. The opinions and views of the students are taken seriously by the institute authorities.

The institute maintains an excellent rapport with the student community. The opinions & views of the students are taken seriously by the institute authorities. Students of final year and pre-final year are members of department advisory board as well as members of various committees of the institute as mentioned in below.

- Grievances Redressal Committee
- Anti-Ragging Committee
- Anti-Sexual Harassment Committee
- Women Empowerment Committee
- Hostel Development & Welfare Committee
- Cultural Committee
- Alumni Committee
- Magazine/News Letter Committee
- Student Welfare Committee
- Sports/NCC/NSS Committee
- Student Council

The student representatives in the above committees play an important role by actively participating and providing suggestions for overall improvement of the academic ambiance and to build the culture of excellence.

Major activities organized by students included Udyukta and Srushti



technical and cultural fest. Final year students are selected as members of placement department to interact and motivate the students to be placed in various organizations. The institute promotes students to be part of various curricular and co-curricular activities and motivate to be part of academic & administrative bodies/committees of the institution.

File Description	Documents
Paste link for additional information	<a href="https://svcengg.edu.in/wp-content/uploads/agar2122/5.3.2.pdf">https://svcengg.edu.in/wp-content/uploads/agar2122/5.3.2.pdf</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 during the 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 during the year

29

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 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 Institute has a strong alumni association, conducting alumni meet since 2005 once in a year in the month of February/March.
- The Alumni association was registered in the year 2017 bearing registration number DRB1/SOR/148/2018-2019.
- Suggestions given by the alumni are considered for overall improvement of the institute.

- The alumni have immensely contributed in terms of placements, guest lecturers, industry connect and guidance for postgraduate studies.
- The alumni association builds a network among alumni and also connects with the corporate world.
- The association helps in holding interactive sessions to motivate current students about the employability, entrepreneurship and educational opportunities abroad.
- The Alumni provide feedback on their abilities gained during their course and provide valuable recommendations for improvements. The alumni were also involved in defining our Vision and Mission.
- The out-going students become members of Sri Venkateshwara College of Engineering Alumni Association (SAA) and they are provided with associated membership based on their year of graduation.
- The alumni are advised to keep in touch with the association and participate in its meetings and furnish updates of information with regard to their career progress.
- The alumni promote the industry-institute interaction to bridge the gap between industry-academia and enhance the students employability.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

### 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 of the institution

The governance of the institution is reflective of and in tune with the vision and mission of the institution

**Vision: -**

To be a premier institute for addressing the challenges in global perspective

**Mission:-**

M1:- Nurture students with professional and ethical outlook to identify needs, analyze, design and innovate sustainable solutions through lifelong learning in service of society as individual or a team.

M2:- Establish state-of-the-art Laboratories and Information Resource center for education and research.

M3:- Collaborate with Industry, Government organizations, and Society to align the curriculum and outreach activities.

Sri Venkateshwara College of Engineering (SVCE) was established by Sri Venkateshwara education trust in 2001, approved by AICTE, NewDehli and affiliated to visveshvaraya technological university (VTU), Belagavi, Karnataka. Shri.V.Muniyappa was founder and chairman, Dr.Shashidar Muniyappa was chief executive director of SVCE.The governing council of the institute is constituted as per the guidelines of AICTE. The governing council consists members from board of trust, nominated members from VTU /DTE, industry representative, faculty representatives and Head of the institute as member convener. The institute has excellent support from governing council.

The academic calendar consists of all the curricular, co-curricular & extra-curricular activities, which are in line with vision & mission of the institution.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Sri Venkateshwara college of Engineering has a decentralized administration provides complete transparency of the making process

- The institution functions under governing council body
- The governing council gives the power and authority to the head of the institution and heads of various programs to formulate the policies of the institute for the benefits of stake holding and over all development
- The head of the institute conducts regular meetings with the programme coordination and discuss the activities of the programme
- The programme co-ordinators monitors the implementation of teaching learning process and other activities of the department after the calendar of events
- The training of placement cell it held responsible for arranging placement training to the students and placement drives from different companies
- The exam committee helps for smooth conduction of examination as per university guidelines
- Under the guidance of the management principle constitutes different committees for the successful operation of the institution

File Description	Documents
Paste link for additional information	Nil
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

Sri Venkateshwara college of engineering believes in hard work and excellence in all dimensions in the way in which the faculty and the students gets opportunity to learn new skills meet the global changes happening in day to day life the institute is dedicated to provide good experienced and qualified faculty infrastructure placement training programs to the students community to meet the industry requirements the institute has a well defined mentoring system to council the students for academic and nonacademic issues

The institute has successfully implemented many strategic plans in the last year such as theory practical week time table club activities technical and non-technical training programme for non-teaching faculties

Example of one strategic prospective plan implemented by the institution

**1. Theory and practical week time table:-**

A semester teaching learning process is designed by incorporating Two weeks of Complete theory classes followed by 1 week of complete practical courses which is in turn followed by Internal Assessments/Assignment submissions. This process is followed for the entire semester up to the last working day. This results in 8 weeks of complete theory classes, 4 weeks of complete practical classes and minimum 3 weeks of assessments/assignments.

**2. New UG Programmes started in Institute:-** The Under Graduate Programme in CSE (Data Science) and CSE (Cyber Security) are introduced during the academic year 2022-23 with an intake of 60 students.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/6.2.1.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/6.2.1.pdf</a>
Upload any additional information	No File Uploaded

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

The functioning of the institutional bodies is effective and efficient as visible from policies administrative setup appointment, service rules and procedures etc.

The SVCE has board of trustees, governing council, advisory council and various statutory committees for carrying out the various functions and responsibilities in pursuit of excellence

**Governing Council (GC):-**

The GC is headed by Dr. Shashidhar Muniyappa, Chief executive Director, SVGI. The GC consists of persons from administration, academics, industry faculty representatives and nominated members from AICTE/ VTU/ DTE. The head of the institution will be the member secretary of the GC. It is the highest decision making body of the institute

**Board of Trustees:-**

The board of trustees examines and approves the proposals recommended by GC related to administrative, academics and policies for providing quality of technical education in the institution.

#### Functions of various Committees:-

The Head of the institute constitute various committees to look after administrative and academic activities for smooth functioning of the institute.

Service rules, procedure, Recruitment and promotional policies

The defined rules, procedures, recruitment and promotional policies and procedures are published in website and updated as and when it is revised. The awareness on their parameters is given to all faculty and students during induction program.

File Description	Documents
Paste link for additional information	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/6.2.2.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/6.2.2.pdf</a>
Link to Organogram of the institution webpage	<a href="https://svcengg.edu.in/mandatory-disclosures/">https://svcengg.edu.in/mandatory-disclosures/</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	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

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

The institute gives foremost importance to staff welfare. The welfare measures for teaching and non-teaching staff are mentioned below.

1. Transport is charged minimal for teaching staff and free transportation facilities for non-teaching staff.
2. Group insurance for teaching and non-teaching staff.
3. The institute is providing the gratuity facilities for its employees as per the government norms.
4. The institute is providing ESI medical facility for non-teaching staff.
5. Employee provident fund (EPF) facility is providing for non-teaching staff as per the government norms.
6. Skill development programs are organized for non-teaching staff to enhance their skills.
7. Internet and free Wi-Fi facilities provided for teaching and non-teaching staff.
8. Vocation for teaching staff.
9. Financial support for teaching faculties to attend or organized the conferences, workshops, FDP etc.
10. Fees concession in SVGI School and college for the employee's children.
11. Earned Leave (EL) facility for teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

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

20

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

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

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

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

52



File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

**Institutions performance Appraisal system for teaching and non-teaching staff:-**

The has performance bared appraisal system for teaching staff and an evaluation system for evaluated annually. The performance bared appraisal executed with the help of self-appraisal reports which give quantitative assessment of the faculty.

**For Teaching staff:-**

The faculty appraisal is provided by considering the following parameters

- University examination results
- Feedback from students
- Improvements in laboratory manual
- Usage of ICT in lecture delivery
- Publications in journals
- Publications in conference
- Guided students for project, mini project and presented as paper
- Workshop /seminar/conference organized
- Workshop/seminar/conference attended.
- Department/institute level co-ordinates work
- Team work in department.
- Research proposals submitted/ consultancy activities/internship arranged/industrial visit arranged.
- Online course certifications
- Student mentoring

- Video lectures with comments for all the topics in the syllabus.
- Outreach /professional activities.

Based on the score obtained by faculty in self appraisal form and recommendations from the head of the department, head of the institution will approve annual increments or promotions to the faculties.

For non-teaching staff:-

Based on their performance, involvement in the departmental activities, completion of work assigned etc. and with specific recommendations from the head of the department the annual increments will be released for the non-teaching staff.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Sri Venkateshwara college of Engineering has a transparent mechanism for audit to ensure financial compliance, the institution accounts are audited by qualified auditors, the recommendations of the auditors if any are immediately corrected /rectified.

A team of chartered accounts conducts external auditing once in a year .the external auditing involves performing procedures to obtain evidence about the amounts and disclosures in the financial statements .the procedures selected depends on the auditor judgment ,including the assessment of the risks of material misstatement in making the risk statement the auditor considers internal control relevant to the society preparation and fair presentation of the financial statement in order to design audit procedures that are appropriate in the circumstances .

The auditing will be usually carried for three to four days involves the complete bank statements analysis, cash vouchers, purchase bills, fixed asset bills and other expenditure bills. At

the end of each financial year the institute files the returns along with the audit reports certified by the auditors to the income tax department regularly.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

The institute has a well-defined mechanism for mobilization of funds and the optimal utilization of funds for academic, administrative infrastructure development, research and development activities.

- Students fees( tuition ,hostels , transportation, etc)
- Bank loans
- Funds from society and promoters

The optimal utilization of funds are mainly due to the following:

- Salaries
- Department Budget
- Infrastructure
- Maintenance
- Administrative expenses
- Promotional activities

- Cultural and co-curricular activities
- University expenditure towards registration fees, examination fees, etc..

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

The IQAC was started in the year 2018 to monitor the quality of services being provided by the institution to its stakeholders. An IQAC committee is formed and approved by the Head of the institute to take care of quality assurance strategies and processes. The IQAC enables the institution to focus on this mission. The IQAC follows the below mentioned practices to improve quality initiatives in the institute.

### Practice - 1: Monitor the teaching and Learning Process

The IQAC significantly contributing in monitoring the teaching-Learning process of the institution.

To monitor teaching learning process the IQAC conducting Quality Circle Meeting frequently. In the meeting, team will verify the documents in line with OBE process and make necessary recommendations to enhance the quality of technical education.

The following documents will be verified in Quality Circle Meeting

1. Course Manual
2. Concept Mapping
3. Course Materials
4. Recording Videos
5. Laboratory Evaluation Process
6. Lab Manuals
7. Lab Marks Rubrics

Practice - 2: IQAC contribution in forming the rubrics for evaluation process:

The IQAC team of the institution framed the rubrics to follow in the evaluation process of various reports academic activities as mentioned below

1. Laboratory Continuous Evaluation.
2. Laboratory IA Test Evaluation.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC actively focused all of its efforts on promoting academic excellence as a way to continuously and constantly improve the institution's overall performance. I

Two examples of institutional reviews and implementation of teaching learning reforms by IQAC:

1. Quality Circle Meeting (QCM).
2. Preparation of Course Manuals.

**Example 1: Quality Circle Meeting:-**

To improve the quality of teaching learning process, IQAC was conducting quality circle meeting regularly. The meeting was conducted in the presence of Principal, Head IQAC, Head of the department and all the Course handling faculties of the class with students. The Principal will guide the students in any of the issues raised and will also direct the faculties in satisfying the teaching learning process.

**Example 2: Preparation of Course Manual:-**

The teaching plan for semester is effectively implemented as per the requirements. The faculty members are effectively prepare their course manual in the beginning of the semester for their respective subjects. Course plans are followed by the faculty members and is monitored by the Head of the department. In the quality circle meeting session delivered by the faculty member and progress of the

completion of the syllabus was ministered by Head IQAC and Principal.

File Description	Documents
Paste link for additional information	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/6.5.2.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/6.5.2.pdf</a>
Upload any additional information	No File Uploaded

**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)**

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/6.5.3.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/6.5.3.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

The institute promotes gender sensitivity through various initiatives and actions.

#### Safety & Security:

1. A resident lady warden is employed for girl's hostel.

2. CCTV cameras are fixed in the prominent places like hostel, campus corridors, main campus building and common places.

3. Statutory committees like Anti-Sexual harassment committee, Women Welfare and Empowerment Committee, Grievance Redressal committee and Anti-ragging committee are constituted as per the AICTE/University guidelines and is working effectively.

4. Suggestion/complaint boxes are made available at defined locations for students and faculties to drop in their cause of concern.

#### Counseling:

1. The college has a well-defined student counseling system. Each student is allotted with a particular faculty member who will be his/her counselor till the end of his/her course.

2. Each faculty has 15 to 20 students to mentoring. This improves the relationship between student and the mentor.

3. Students meet their mentors for any grievances- gender related issues, personal problems, general issues, lack of facilities, academics etc.

4. A Student welfare and counseling committee is also constituted.

#### Common room:

Common rooms for girls are provided in the institute. All the required facilities are provided in the common rooms.

Sanitary pad vending machines are placed in women restrooms.

File Description	Documents
Annual gender sensitization action plan	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/7.1.1.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/7.1.1.pdf</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://svcengg.edu.in/wp-content/uploads/aqar2122/7.1.1_Women.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/7.1.1_Women.pdf</a>

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures 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						
<table border="1"> <thead> <tr> <th data-bbox="86 439 552 506">File Description</th><th data-bbox="552 439 1479 506">Documents</th></tr> </thead> <tbody> <tr> <td data-bbox="86 506 552 573">Geo tagged Photographs</td><td data-bbox="552 506 1479 573"><a href="#">View File</a></td></tr> <tr> <td data-bbox="86 573 552 640">Any other relevant information</td><td data-bbox="552 573 1479 640">No File Uploaded</td></tr> </tbody> </table>	File Description	Documents	Geo tagged Photographs	<a href="#">View File</a>	Any other relevant information	No File Uploaded	
File Description	Documents						
Geo tagged Photographs	<a href="#">View File</a>						
Any other relevant information	No File Uploaded						
7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management							
<p>a) Solid waste management:</p> <ul style="list-style-type: none"> <li>The institute has an effective mechanism for waste management. The vegetable waste and left over waste from the hostel and canteen is segregated into bio-degradable and non-bio degradable waste.</li> <li>The bio-degradable waste is put into a pit and left to ferment which will be used later as fertilizer to plants in the campus. The non-bio-degradable waste is placed into dustbins which are further collected by the municipal authorities.</li> <li>The old blue books (IA books) that are used for internal tests are given away for recycling after keeping them for a specified duration in store room. This ensures effective paper recycling which further aids in fewer trees being cut down.</li> </ul> <p>b) Liquid waste management:</p> <ul style="list-style-type: none"> <li>An effective sewage treatment plant (STP) functions inside the college.</li> </ul> <p>c) E-waste management:</p> <ul style="list-style-type: none"> <li>The e-waste generated in the Institute are collected together from all departments and handed over to an external e-waste recycling agency.</li> </ul> <p>d) Waste Recycling System:</p> <ul style="list-style-type: none"> <li>The bio-degradable solid waste is put into a pit and left to</li> </ul>							



ferment which will be used later as organic fertilizer to plants in the campus.

- The treated water from the STP is used for watering gardens and lawns. The rain water harvesting unit is also installed in the campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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 above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1.Restricted entry of automobiles
- 2.Use of bicycles/ Battery-powered vehicles
- 3.Pedestrian-friendly pathways
- 4.Ban on use of plastic
- 5.Landscaping

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

#### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following</b> 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	<b>B. Any 3 of the above</b>
--	------------------------------

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

<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>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute provides an eminent inclusive environment for both students and faculties. National festivals like Independence Day and Republic Day for celebrated every year with full vigor.

Students organize the teachers' day every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher and a legend Dr. Sarvepalli Radhakrishna.

Every year Institute organizes Engineer's Day on 15th September, to commemorate the birth anniversary of Bharat Rathna Sri. Mokshagundam Visvesvaraya.

The Institute celebrates Kannada Rajyotsava or Karnataka Foundation Day to mark the celebrations of formation of Karnataka in the year 1956.

Various other activities like ethnic day are also celebrated by the students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The course Constitution of India, Professional Ethics and Cyber Law (18CPC39/49) is been studied by all the UG programmes in the third semester to create awareness and sensitizing the students to constitution obligation and to strengthen the democratic values. The course provides an insight into valuing human dignity and to save the liberties of the people against discrimination. The course also gives insights into Internet Laws, Cyber Crimes and Cyber Laws.

Every year Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution.

Republic day is Celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution.

Similarly constitution day is celebrated on 26th Nov every year by reading out the Preamble as stated in Constitution of India.

Observance of Vigilance Awareness Week is carried out every year during the last week of October to encourage all stakeholders to collectively participate in the prevention and the fight against corruption and to raise public awareness.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://svcengg.edu.in/wp-content/uploads/agar2122/7.1.9.pdf">https://svcengg.edu.in/wp-content/uploads/agar2122/7.1.9.pdf</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

C. Any 2 of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The institute celebrates national and international commemorative days, events and festivals with full vigor. National festivals like Independence Day (15th August) and Republic Day (26th January) are celebrated every year with pride.

Students organize the teachers' day on 5th September every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher and a legend Dr. Sarvepalli Radhakrishnan.

Every year Institute organizes Engineer's Day on 15th September, to commemorate the birth anniversary of Bharat Rathna Sri. Mokshagundam Visvesvaraya.

The Institute celebrates Kannada Rajyotsava or Karnataka Foundation Day in the month of November to mark the celebrations of formation of Karnataka in the year 1956.

Constitution day is celebrated on 26th November every year by reading out the Preamble as stated in Constitution of India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

**1. Title of Practice: Quality Circle Meetings (QCM) for effective implementation of teaching Learning process.**

**2. Objectives of Practice:**

To improve total performance of organization

**3. Context:**

The quality audit team conducts QCM to interact with the students remotely through online mode.

**4. Practice:**

IQAC Head informs the importance of the meeting, will ask to share their experience in teaching learning process.

**5. Evidence of Success:**

QCM has enabled the students to interact with the quality audit team directly and allows students to voice their issues, needs and desires.

**6. Problems Encountered and Resources Required:**

Sending the notice to all students regarding the QCM.

**1. Title of Practice: Internal Assessment test Question paper moderation process**

**2. Objectives of Practice:**

QPDS enables questionpaper consistent with syllabus, marksdistribution & levels of Blooms taxonomy.

**3. Context:**

Internal assessment test earlier was not moderated. This was overcome by the moderation process.

**4. Practice:**

The examination center collects the pre-moderated question paper from the faculties, which is moderated and then sent for exam.

#### 5. Evidence of Success:

The moderation process ensures standard question papers in compliance with even distribution of marks.

#### 6. Problems Encountered and Resources Required:

Awareness programmes and training organized to train faculties.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	<a href="https://svcengg.edu.in/wp-content/uploads/aqar2122/7.2.pdf">https://svcengg.edu.in/wp-content/uploads/aqar2122/7.2.pdf</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

**Semester plan with dedicated Theory and Lab weeks:**

Every semester teaching learning process is designed by incorporating Two weeks of theory classes followed by one week of practical courses and fourth week of month will be followed by Internal Assessments/Assignment submissions. This process is iterated till the last working day of semester. This results in 8 weeks of theory classes, 4 weeks of complete practical classes and minimum 3 weeks of assessments/assignments.

The purpose behind this process is to make sure that the student is in continuous touch with the subjects of what he/she is learning in terms of both theory and practical hands on classes which is needed for retaining the concepts learned. The forgetting curve shows that learners will forget an average of 90% of what they have learned within the first seven days. A typical graph of the forgetting curve support that humans tend to have their memory of newly learned knowledge in a matter of days or weeks unless they consciously review the learned material.

The dedicated theory and lab weeks emphasizes applying the practical

knowledge to the theoretical concepts learnt thereby decreasing the chances of forgetting the learned concepts.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

- NBA accreditation for all eligible branches.
- Organizing FDP's on Research methodology and IPR.
- Enhancement of industry linkage through MoU's.
- To adopt and implement NEP guidelines in an effective manner.
- Implementation of multidisciplinary projects.
- Conduct skill development courses for students and staff.
- Improvements in the academic results by adopting new teaching methodologies.
- Effective implementation of remedial classes.
- To promote branching of the institution through social media enabling improvement in admission.
- Improvements in the publications in quality journals.
- Start of new UG emerging courses and research centers.