YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Sri Venkateswara College of Engineering and Technology
• Name of the Head of the institution	Dr. M. Mohan Babu
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	7729999200
• Alternate phone No.	9581993399
• Mobile No. (Principal)	7729999200
• Registered e-mail ID (Principal)	principal@svcetedu.org
• Address	R. V. S Nagar
• City/Town	Chittoor
• State/UT	Andhra Pradesh
• Pin Code	517127
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	16/09/2011
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. E. Lokanadha Reddy**
• Phone No.	**7780373131**
• Mobile No:	**7780373131**
• IQAC e-mail ID	**iqac@svcet.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://svcetedu.org/wp-content/uploads/2022/12/AQAR2020-2021.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://svcetedu.org/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.08**	**12/09/2017**	**12/09/2017**	**11/09/2022**

6.Date of Establishment of IQAC	**17/03/2011**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Institution	**2(f)**	**UGC**	**23/07/2010**	**0**
Institution	**12(B)**	**UGC**	**29/11/2010**	**0**
Institution	**CPE**	**UGC**	**30/08/2016**	**0**
Institution	**Autonomy**	**UGC**	**11/10/2018**	**0**
Institution	**SIRO**	**DSIR**	**01/04/2017**	**0**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	4	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

• Implementation of online Teaching-Learning Process • Training all the members of faculty and senior staff in revised accreditation framework for NBA and NAAC • Implementation of Outcome based education • Encouraging members of faculty to participate in Workshops /seminars /Conferences • Encouraging faculty with research aptitude to publish papers and apply for Patents

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Use of modern tools such as animation, simulation and virtual tools in teaching.	Teachers used program specific IT tools for simulation and design such as AutoCAD, STAAD Pro, Geographic Information System, Camtasia, Visual Studio Live Share, Collabedit - Online Code Editor, MULTISIM, MODELSIM, MATLAB, TASM, PSIM, SKM, PSICE, OBS Studio, Canva, Industryconnect, Prezi, Spreadsheets, SPSS, RStudio (R Programming), Visual studio code, Thonny, Weka, LessonWriter, Easy Test Maker,

	Kinemaster and Apowersof
Offer a variety of training modules to suit higher education or prospective career.	Trained students in soft skills and domain skills with the services of Talentio and Coign
Organize special awareness and training for students in Entrepreneurship	Institution innovation Council and Start up, Innovation and Entrepreneurship Cell of the college organized programs to develop the requisite skill set for entrepreneurship with the participation of successful entrepreneurs and industry leaders
Provide student internships in industry	Students were provided with internships in core and IT Industry for real time experience.
Seek feedback and inputs from industry experts	Feedback on curricular aspects and skill development was collected from industry experts and alumni working in industry for making improvements in curriculum and associated academic activities
Conduct academic audit	Internal audits were conducted to ascertain the progress of the works planned by the departments

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	01/09/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
30/12/2022	30/12/2022

15.Multidisciplinary / interdisciplinary

Vision/Plan: The institution is offering a range of programs in engineering to offer a broad spectrum of choice to the students. This diverse set of courses are helping the institution to promote the interdisciplinarity. The students are provided an opportunity for studying and mastering other discipline courses through inter disciplinary electives as well as minor courses in other disciplines of engineering. Also, the curriculum is a mix of mathematics, sciences, commerce, management, career development courses, values and ethics, humanities, computer sciences and core engineering. In future, with the possible introduction of Fully Flexible Credit System (FFCS) there is scope for further enhancing the interdisciplinarity. Institutional Approach: Already the curriculum of engineering programs offered are embedded with about 10-15% of the courses from science and humanities. Flexible and Innovative Curricula: Yes. The Institution offer flexibility in pursuing the program curriculum through Choice Based Credit System (CBCS). Besides this, two socially relevant projects have to be undertaken by the students mandatorily as part of the curriculum. Courses relevant to environment and values and ethics are introduced as credited courses.

Multiple Entry and Exits: The institution is providing gap year (break in education) for a maximum of two years where student can pursue his/her interest in entrepreneurship. As per statutory regulations, already students of diploma are entering into second year of engineering. Further multiple entries and exits to offer certificate, diploma, graduation and postgraduation is being planned for future implementation. Multidisciplinary Research: The institution is planning to form a research mentoring committee with the experts from various disciplines of engineering and relevant sciences to guide the research activities of the Institution. Thrust areas of research in engineering, technology, sciences and management will be identified and Research clusters with faculty and students from various relevant disciplines will be formed to pursue interdisciplinary research Good Practices: • Offering interdisciplinary electives and open electives • Minor Degree in other branch of engineering • Embedding the course curriculum of each program with humanities, sciences and computer programming

16.Academic bank of credits (ABC):

Initiatives: The Institution is creating awareness and providing necessary support to all the students to create their account in 'Academic Bank of Credits' Registration: Yes. The institution has registered itself under 'Academic Bank of Credits' and will be using this facility in future regulations to offers programs with multiple entries and exits. Credit Transfer: The institution is actively pursuing to collaborate with institutions in top 100 of QS Rankings and Times Higher Education rankings for curriculum delivery, joint research, student exchange and faculty exchange. In the future revision of academic regulations, to keeping up with the commitments of collaborations, credit transfer facility will be provided. Curriculum Design: The program curriculum design process is as follows: • The courses are analyzed for the curriculum design, based on the curriculum gaps. • Identifying the broad knowledge areas based on the American Professional Societies and Curriculum of National and International Centers of Excellence. • Listing the courses under each knowledge area in ascending order of complexity. • Preparing the prerequisite flow chart of courses • Preparing the course content to achieve sequence, continuity, integration, articulation and balance. • The BOS of the program, monitor the entire process of curriculum design, development and is periodically reviewed Good Practices: • Awareness and training of students to register in ABC portal • Designing academic regulations in future to offer programs with multiple entries and exits

17.Skill development:

Efforts: • The institution is conducting vocational education programs beyond the curriculum to facilitate student skill development. • Also, five (5) skill oriented credited courses are introduced into the curriculum and the students must complete them for the award of the degree. Among the five courses four (4) courses shall focus the basic and advanced skills related to the domain and one (1) course shall be a soft skills course. Programmes: The vocational education programs are conducted once in a semester with a practicing expert. The students shall be

provided with hands-on training during this workshop typically held for three days. Value-Based Education: • Courses such as Universal

Human Values (I & II), professional ethics, environmental sciences are made as mandatory courses and students must complete them for the award of degree. • Also, events commemorating the national and international days of importance, birth and death anniversaries of eminent people are organized to bring inspiration,

motivation and camaraderie among students and faculty for a value-based career and life.

Institution's Efforts: In the ensuing regulations, the vocational courses shall be introduced as single or factional credited courses Services: Industry veterans and Master Crafts persons shall be engaged to provide vocational skills besides this, also through 'Train the trainer program' a few faculty members will be trained to internally train and support the students. Offering: National and international service providers such as NPTEL, Courseera, EDX and other agencies shall be utilized for offering vocational courses online. NSDC Association: The institution shall associate with NSDC and also integrate these things into the campus ERP for monitoring, evaluation and record. Planning: The institution shall offer the courses online from reputed service providers as well as form the internal experts. Good Practices: • Introduction of skill courses into curriculum as credited courses • Periodic conduct of vocational training with experts

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

Strategy: The courses such as Indian History, Yoga, Indian traditional technologies, regional customs and traditions shall be introduced into curriculum as single or fractional credits and will be offered online Faculty: The teachers with command in the local language to teach technical courses shall be recruited, besides interested existing teachers shall also be trained to teach courses in the vernacular language. Medium of Instruction: As of now, as all the programs are professional in nature, they are all offered in English only. However, by doing some due diligence, programs in vernacular language will be introduced Efforts: The Institution will form student cultural clubs with a mission to preserve and promote ancient languages, Indian ancient traditional knowledge, Indian Arts and Indian Culture and traditions. Good Practices: The institution encourages the students to showcase their talents in traditions forms of dance and singing during the events of the institution. Also, through technical associations of the departments, a few

cultural events are conducted to promote Indian and regional culture and traditions.

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

Initiatives: • Incorporating students learning outcomes such as course outcomes, program outcomes and program specific outcomes into the syllabus • Creating awareness among the students and faculty on the significance of OBE Efforts: • Articulating course outcomes and designing the syllabi • Identifying the appropriate teaching tools • Providing appropriate learning resources • Using Bloom's taxonomy in evaluation Good Practices: •Preparing curriculum based on the professional societies (IEEE, ASCE, ASME, ACM and others) • Using Bloom's taxonomy in evaluation • Designing direct and indirect methods of assessments •

Developing rubrics for evaluating various curricular components • Feedback from stakeholders for continuous improvement

20.Distance education/online education:

Possibilities: The institution in its ensuing revision of academic regulations and curriculum improvements will introduce vocational courses as credited and will be offered online with association of NSDC and other reputed service providers Technological Tools: • The teachers are using ICT for delivering lectures and conducting laboratories. In classrooms, LCD projectors are fitted to enable effective teaching – learning. • Teachers use 'Microsoft Teams' platform for delivering online lectures. • Teachers use program specific IT tools for simulation and design such as AutoCAD, STAAD Pro, Geographic Information System, Camtasia, Visual Studio Live Share, Collabedit - Online Code Editor, MULTISIM, MODELSIM, MATLAB, TASM, PSIM, SKM, PSICE, OBS Studio, Canva, Industryconnect, Prezi, Spreadsheets, SPSS, RStudio (R Programming), Visual studio code, Thonny, Weka, LessonWriter, Easy Test Maker, Kinemaster and Apowersoft • An ERP - Ion CUDOS is used for implementation of Outcome-Based Education Good Practices: • The Institution has initiated the process of offering 2 courses per semester online in line with 'University Grants Commission (Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds) Regulations, 2021'. • Courses will be chosen from NPTEL, Courseera and other service providers. • The evaluation will be done by the institution to award marks and grade.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**16**	
File Description	**Documents**	
Institutional Data in Prescribed Format	[View File]()	

2.Student

2.1 Total number of students during the year:	**3316**	
File Description	**Documents**	
Institutional data in Prescribed format	[View File]()	

2.2 Number of outgoing / final year students during the year:	**603**	
File Description	**Documents**	
Institutional Data in Prescribed Format	[View File]()	

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**2972**	
File Description	**Documents**	
Institutional Data in Prescribed Format	[View File]()	

3.Academic

3.1 Number of courses in all programmes during the year:	**709**	
File Description	**Documents**	
Institutional Data in Prescribed Format	[View File]()	

3.2 Number of full-time teachers during the year:	**320**	

File Description	Documents
Institutional Data in Prescribed Format	

3.3 Number of sanctioned posts for the year:	**320**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**698**
4.2 Total number of Classrooms and Seminar halls	**72**
4.3 Total number of computers on campus for academic purposes	**1050**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**509**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The institution develops it curriculum fundamentally to disseminate knowledge, develop skills and imbibe attitude among the students for a holistic development. Apart from this, the institution always strives to achieve the program educational objectives of the programs offered. Hence the curriculum is developed in such a way that the courses and the content foster the student learning outcomes which facilitate them to either progress to higher education or opt for a gainful placement or engage in entrepreneurship besides having zeal for lifelong learning.

The Boards of Studies and its subsidiary committees in the

department use the knowledge areas suggested by the American professional societies such as Association of Computer Machinery (ACM), Institute of Electrical and Electronics Engineers (IEEE), American Society of Civil Engineers (ASCE), American Society of Mechanical Engineers (ASME) and other relevant bodies along with the curricula of internationally and nationally recognized institutions for preparing the course structure and content for having relevance to the local, national, regional and global developmental needs. Course outcomes are articulated to develop course content to meet the program outcomes (Graduate Attributes) program specific outcomes. The implementation of the curriculum and assessment is done to achieve the set target levels.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	**Nil**

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

17

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

240

File Description	Documents
Curriculum / Syllabus of such courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	**No File Uploaded**
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

90

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

17

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution while designing and developing the curriculum, has taken into account the significance of cross cutting issues which

are introduced as courses relevant to environment, values and ethics. Also, through add-on courses and through technical association activities the issues pertaining to gender such as respect, equality and empowerment are organized periodically. The women cell of the college specifically looks into the awareness and redress of gender sensitive issues, if any. Since the conferment of autonomy, the institution has given due weightage to issues concerning to environment, values and ethics and incorporated courses in the curriculum as follows

Courses:

Environmental Studies

Professional Ethics

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

28

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2086

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

923

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.svcetedu.org/naac2022/ssr/1.4.2ATR_FINAL.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.svcetedu.org/naac2022/ssr/1.4.2ATR_FINAL.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1146

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

431

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

After student admission, the institution organizes diverse programs as part of induction. Also, faculty members teaching first year courses are introduced to the students for on campus support and advice. An orientation program is conducted on the first day to inform the students on academic regulations, evaluation procedures and general code of conduct. As a good and mandatory practice written undertaking from all the senior students is collected on anti -ragging.

First year students of each program are required to take up diagnostic tests which help the teachers to understand the learning diversity in the class and to plan the teaching. Remedial and Reinforcement classes are organized for the slow learners whose score is below the set benchmark. For students who perform better in these assessments are advised to undertake literature survey and mini projects which subsequently help them in seminar and project

courses.

Also training in English, mathematics and foundations in the relevant discipline is organized. Special expert lectures on motivation by renowned speakers is exclusively organized for the first students to facilitate them in goal setting and etiquette.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
15/04/2022	4656	320

File Description	Documents
Upload any additional information	View File

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 institution follows approaches for enhancing learning experience and outcomes of the students such as

Experiential Learning:

Through experiential learning, the students are given the flexibility of their own learning through practice with the mentorship of the teacher. Self-learning topics relevant to the course are given to the students and notified in the teaching plan. Teaching some of the courses with models, simulation and prototypes shall contribute to students experience in learning.

Participative Learning:

The participation of the student is made through Collecting feedback on teaching quality Survey on program educational objectives, program outcomes and curriculum Courses in labs, seminar and project

at the undergraduate level as a group work is designed to foster student peer and participative learning

Problem Solving Methodologies:

The Institution while deigning the courses emphasizes that Problem Solving ability and hence the course content pertaining to almost all core, professional electives and a few of open electives is designed to develop the problem-solving skills among the students.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	**Nil**

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The teachers are using ICT for delivering lectures and conducting laboratories. In classrooms, LCD projectors are fitted to enable effective teaching – learning.

Teachers use 'Microsoft Teams' platform for delivering online lectures.

Teachers use program specific IT tools for simulation and design such as AutoCAD, STAAD Pro, Geographic Information System, Camtasia, Visual Studio Live Share, Collabedit - Online Code Editor, MULTISIM, MODELSIM, MATLAB, TASM, PSIM, SKM, PSICE, OBS Studio, Canva,Industryconnect, Prezi, Spreadsheets, SPSS, RStudio (R Programming), Visual studio code, Thonny, Weka, LessonWriter, Easy Test Maker, Kinemaster and Apowersoft

An ERP- Ion CUDOS is used for implementation of Outcome-Based Education

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.svcetedu.org/naac2022/ssr/2.3.2_IT_tools_used_in_Teaching_and_learning.pdf
Upload any additional information	[View File](#)

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

266

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The academic calendar is prepared well in advance to the start of the program and is communicated to the students and teachers for implementation. The components of the academic calendar include instructional periods, Mid-term internal Examinations, Preparation & Practical Examinations, Semester-end examinations, Semester Break and summer vacation. The academic calendar forms the basis for all the academic planning including the teaching plans and co-curricular events.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

320

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

95

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1176

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	No File Uploaded
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

25

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

With the increased focus on student outcomes and defining the quality of the institution based on the competencies gained by the students, evaluation which has increased efficiency with a reduced workload, accuracy with integrity and quality control with utmost transparency is the need. Hence digitalization will be the most significant reform in the evaluation system.

Process adopted:

- The answer scripts of the students are scanned and stored in the internal server
- Links are created and are shared with the identified internal and external evaluators
- Login and passwords are shared with the evaluators along with the key/ scheme of evaluation
- After the evaluation, the digital answer scripts are sent for Scrutiny
- If there are any discrepancies notified by the scrutiny committee, the concerned evaluator is requested to relook into the answer script for verification and validation
- Finally, the internal marks obtained are combined with the external marks obtained through digital system for the award of the grade

Impact: There is significant amount of optimization in human and financial resources by reducing the logistics cost. Also, there is considerable improvement in reducing the time for evaluation with enhanced transparency

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

The Program outcomes, Program specific outcomes and Course Outcomes statements of all the programs of the Institution are placed on the College Website and in the respective Department URLs. These statements are also displayed in all other important points of the Institution for the benefit of the stakeholders. For Students they are communicated trough display boards, Department notice boards, laboratories, syllabus books, progress reports, seminar halls and brochures. For Teachers they are communicated through Display boards, syllabus books, faculty course files, Department presentations and documents.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The Institution adopts designing of the program curriculum based on the deliverables - knowledge, skills and attitude. For each program, educational objectives are articulated based on the needs of the industry, research and higher education to attain the course outcomes, program outcomes and program specific outcomes through the curriculum.

The level of attainment of POs, PSOs and COs is done through thoroughly that evaluation rubrics help indicating the learning outcomes of the students for assessing their employability levels and further progression.

Direct Methods include:

Summative assessment tests (Continuous evaluation and semester-end examinations of courses)

1. Theory course assessment

(i) Continuous assessment through Internal exams (mid-term + examinations)

(ii) Assessment through Semester-end examinations

2. Laboratory course assessment

(i) Day to day continuous assessment and internal assessment

(ii) Assessment through Semester-end examinations

4. Project work assessment

(i) Continuous assessment through oral presentations

(ii) Assessment through External viva-voce examination and thesis evaluation

Indirect Methods include:

1. Student exit survey: The survey conducted from outgoing students.

2. Alumni survey: The feedback from alumni.

3. Employer survey: The feedback collected from the employers.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

575

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
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://svcetedu.org/wp-content/uploads/2022/12/SSS2021-2022.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The facilities for research available for faculty and students are updated periodically. Apart from the budget allotted for the purpose, the institution also received funds to some departments from AICTE under the scheme 'Modernization and Removal of Obsolescence' (MODROBS).

Also, the research funding for the faculty enabled the departments to upgrade the facilities available in some of the research laboratories.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://svcetedu.org/researchpolicy/
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

`10.20`

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

`0`

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

`76.73`

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

37

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

2

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

10

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution gives priority for innovation, entrepreneurship and start-up and hence is made as one of the Program Educational Objectives for all the programs offered. The Institution has units like – Institution Innovation Council (IIC) and also Technology incubation centre for the awareness and promotion of innovation among students and faculty in the college.

The following are the activities are conducted in the Institution in this direction

1. Study of market conditions and entrepreneurs' requirements

2. Student orientation towards entrepreneurship

3. Identify team and service providers

4. Resource allocation

5. Establish industry linkages

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

17

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.053

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during

the year

34

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

163

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

14

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.95

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

16.048

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institution has planned the curriculum implementation in such a way that societal consciousness, environment and sustainability, individual and team work will be integrated with the core engineering discipline as well as to the holistic development of the student. The extension activities are planned in such a way that the students have ample opportunity to expose to the societal issues and to use their domain knowledge and practical skills in community service.

Activities through National Service Scheme, Health camps, Tree plantations, Digital literacy, Hygiene and cleanliness and other

Outreach activities are conducted in such a way that they become relevant to the program domain and contribute to the student holistic development.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

04

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

15

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

3277

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student

exchange/ internship/ on-the-job training/ project work

229

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

6

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 equipments, etc.

The Institution has established adequate infrastructure facilities for the conduct of Teaching-Learning. The institution follows the norms of AICTE. Classrooms, tutorial rooms, laboratories, computing centre, library and reading hall and seminar halls are provided as per the norms for UG and PG programs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and

outdoor) including gymnasium, yoga centre, auditorium etc.)

The Institution has excellent facilities for games and sports. Physical education teacher along with sports coordinators of the department plan and conduct various sporting events on campus.

S. No

Facility

Area

SQM

Year of establishment

User

1

Cricket

60,700

1998

1240

2

Football

1998

635

3

Hockey

1998

230

4

Track and field for athletics

1998

200

5

Basketball

2229

1998

60

6

Volleyball

1998

150

7

Throw Ball

1998

48

8

Table Tennis

180

1998

40

9

Gymnasium

180

1998

1200

10

Kho Kho

330

1998

720

11

Kabaddi

140

1998

200

File Description	Documents
Geotagged pictures	**No File Uploaded**
Upload any additional information	<u>View File</u>
Paste link for additional information	**Nil**

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

72

File Description	Documents
Upload any additional information	<u>View File</u>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

110

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	No File Uploaded
Any additional information	View File

4.2 - Library as a Learning Resource

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

The library of the institution has

Large collection of reference books e – journals

- Open courseware Digital content NPTEL lectures CD/DVDs
- Copies of published theses in the domain.
- For effective management, the Institution has automated the library with Koha - an integrated library automation package.

General Features: Koha includes modules for acquisitions, circulation, cataloging, serials management, authorities, flexible reporting, label printing, multi-format notices and offline circulation

Web-based Interfaces: Koha's OPAC, circ, management and self-checkout interfaces are all based on standards-compliant World Wide Web technologies-XHTML, CSS and Javascript – making Koha a truly platform-independent solution.

Full text searching: Powerful searching, and an enhanced catalogue display that can use content from Amazon, Google, LibraryThing, Open Library, and Syndetics among others.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

7.53

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

426

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institution is always in the process of upgradation of IT facilities for the academic and administrative units of the institution and is governed by a policy.

The following IT/hardware facilities are available with the institution.

Intranet/Internet with Wi-Fi (Bandwidth – 1 Gbps) Servers: 7 Nos.

Antivirus: Deep Freeze

CCTV facility: 230 HD Cameras Biometric Devices: 10

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3564	**1050**

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**A. All four of the above**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

210

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The institution strictly adheres to the norms and guidelines prescribed by AICTE in terms of establishing infrastructure. Based on this, a simplified operating policy is developed to create and maintain the infrastructure, for academic and support facilities.

AICTE prescribed components of infrastructure:

1. Instructional Area:

Classrooms, Tutorial Rooms, PG Class rooms, Laboratory, Work Shop, Computer Centre, Drawing Hall, Library and Reading Room and Seminar Halls

1.Administrative Area:

Principal/Director room, Office, Board Room, Office all inclusive, Department Offices, Cabins for Head of Departments, Faculty Rooms, Central Stores, Maintenance, Housekeeping, Pantry for staff/Faculty, Common Room, Examinations Control Office, Training and Placement Office

1.Amenities Area

Toilets (Ladies and Gents), Boys Common Room, Girls Common Room, Cafeteria, Stationery Store and Reprography, First Aid cum Sick room, Principal 's quarter, Guest House, Sports Club/ Gymnasium, Auditorium/ Amphitheater, Boys Hostel, Girls Hostel

1.Circulation Area: Common walk ways, staircases, entrance lobby, etc., Infrastructure maintenance policy uploaded on the college website and is attached.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2159

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

1211

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

2072

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

247

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

21

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

12

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

17

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

In the institution there is no formal student council, however the departments have established technical associations. These associations are run by the students and a teacher mentor is allotted to supervise the activities planned.

These Technical Associations conducted activities such as

• Model Exhibitions

• Design Contests

• Aptitude Tests

• General & Technical Quizzes

• Group Discussions

• Code Debugging Contests

• Poster Presentations

• Mock Interviews

• Training Sessions in Communication Skills

Besides these co-curricular activities, the technical associations conduct periodically extracurricular activities such as sports and games, recreational activities and cultural activities.

Also, these associations conduct extension activities such as awareness programs on Women Entrepreneurship, digital literacy, environmental awareness and health and hygiene.

Student engagement in administration: The heads of the department nominate the best students (1 boy and 1 girl) as class representatives for each section in all programs. These students regularly apprise the concerned Head of the Department on issues such as student discipline, syllabus coverage, facilities and services and other academic issues to facilitate direct feedback and early action on issues, if any.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

05

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The institution has a functional alumni association.The activities of alumni association meetings are monitored and coordinated by Professor in-charge - Alumni Relations. Professor incharge as key point of contact shall work to liaison between the parent organization and alumni.

Proposed activities:

- **Appointment of a committee to draw up the by-laws or organizational outline**
- **Formal registration of the Association**
- **Appointment of other committees and delegation of responsibilities (communications, recognition, events, recruiting)**
- **Fund raising**
- **Scholarships and fellowships**

Broad outcomes:

- **Expert lectures by alumni in the advanced domain areas**
- **Awareness workshops on industry specific skills**
- **Alumni guiding students to industry internships and placements**
- **Feedback on program outcomes, program specific outcomes and curriculum**
- **Active participation in Boards of Studies to facilitate useful insights into curriculum and student development**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The institution is guided by the vision and mission for all its planning and development. A perspective plan to govern and manage the affairs of the Institution is devised as a guiding document.

Vision:

To carve the youth as dynamic, competent, valued and knowledgeable professionals who shall lead the Nation to a better future and to mould the institution into a Centre of Academic Excellence and advanced Research.

Mission:

- To provide quality education, student-cantered teaching-learning processes and state-of-art infrastructure for professional aspirants hailing from both rural and urban areas.
- To impart technical education that encourages independent thinking, develops strong domain of knowledge, contemporary skills and positive attitudes towards holistic growth of young minds.

Nature of governance: Participatory

- The employees and other prime stakeholders of the Institution participate in the decision-making process.
- Perspective planning: planning is made in the areas – Academics, Finance and budgeting and administration with a focus on future development
- Participation of teachers: The teachers are present in the apex bodies as well as all administrative and academic committees for smooth administration and functioning.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Case: Monitoring of the attainment of student outcomes

- At the institution level, the benchmark values for the attainment of course outcomes, program outcomes and program specific outcomes are fixed and proposed in the academic council for approval. Also the assessment procedure is prepared and approved for implementation.

- **At the department level, the program advisory committee and the Head of the department take the responsibility of monitoring the process.**
- **The module coordinators of each knowledge areas monitor the implementation of curriculum and attainment of the student outcomes as peer the assessment procedure adopted.**
- **The members of faculty take care of course and attainment at the individual level.**

The policy is taken top-down and implementation is done bottom-up for monitoring the assessment

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File]()
Upload any additional information	[View File]()
Paste link for additional Information	**Nil**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The strategic plan of the institution was made for 5 years starting from 2017-2018 for implementation.

One example activity envisaged for the year 2021-2022 is strong industry interaction:

Activities Undertaken:

- **Liaised with industry for faculty, staff and student development and events were conducted**
- **Feedback and inputs were sought from industry on curricular aspects and skill development and were incorporated into the operating plan**
- **Collaborated with industry for organizing training and internship programs for students**
- **Established tie-ups with industry through MoUs for students and faculty projects**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

The Governing Body of the Institution is the supreme authority consisting of eminent people form the promoting body and experts from the industry and academia. The Governing Body will be participatory in nature and will be looking into the implementation and evaluation of the institution's strategic plan and annual operating plan. The Governing Body of the Institution has delegated the authority of the Institution's day-to-day management to the principal. Principal through statutory committees such as Academic Council, Boards of Studies, Internal Quality Assurance Cell (IQAC) and Finance Committee and with other administrative committees manages the institution efficiently and effectively. The management is further delegated to the Heads of the Department for better reach and monitoring.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	View File
Paste link for additional Information	Nil

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The welfare measures for the Teaching staff are 1. Group insurance scheme 2. Incentives for achievement of high student pass percentages in courses 3. Incentives for research publications and books 4. Incentives for receiving research funding from external funding agencies 5. Study leave and financial assistance for qualification upgradation The welfare measures for the non-Teaching staff is Group insurance scheme

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

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

31

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

7

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

300

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Governing Body of the Institution monitors the Institution's arrangements for internal and external financial audit. The Finance Committee of the institution shall undertake and facilitate the process of Audit (both internal and external) and report to the Governing Body.

The internal audit of finance is done as day-to-day monitoring by the principal and the accounting team.

The external audit is done once in a year.

The generic audit objections encountered are:

- Payments without proper approval
- Late submission of bills
- Non recovery/adjustments of advances from employees/creditors
- Missing of entries

- **Non-compliance of guidelines (travel, TA and DA)**

The audit objections encountered are settled through appropriate compliance mechanism and is recorded.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	**No File Uploaded**
Any additional information	**No File Uploaded**

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institution mobilizes funds from sources through

- **Collection of all types of fees**
- **Term loans**
- **Research funding**
- **Funds from schemes**

Optimal utilization of financial resources:

The approved budget of all the departments and units is notified for effective implementation. The Finance Committee advices and monitors the implementation of budget. The sanction of funds shall be made on the basis of cash flows.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	**Nil**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

One of the activitiesplanned for the Academic year: To adopt technology assisted learning tools and make use of online learning service providers in Teaching - Learning

The institution has incorporated a few courses in the course structure of all the programs which are to be completed by the students online using popular service providers such as NPTEL, Coursera and other e-learning content.

Also, this is in line with the UGC guidelines 'Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds) Regulations, 2021', wherein a maximum of 40 percent of the courses can be offered online and self-learning by the students is promoted

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Monitoring of Course files of the teachers: the course files of all teachers are monitored regularly by the head of the department which ensures the information on the coverage of syllabi, course content methods, self-learning topics given among others

Attainment of Learning Outcomes of students:

The attainment of course outcomes, program outcomes and program specific outcomes is monitored at the end of each semester which helps the teacher to adopt methods for improvement. Also, the survey information from alumni, students and employers will help identify the gaps which can be used to update the curriculum

Academic audit is conducted every semester to monitor the progress

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

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 Institution organizes a women cell which undertakes the issues pertaining to girl students and women faculty of the institution.**

- Each class has a girl student as a representative who shall report to the concerned HoD, on issues pertaining to the girl students of the class, if any
- The admissions are made by the affiliating university, following the rules of reservation which includes 33% of seats for girl students.
- The role of women development and opportunities are discussed at all important interactions.
- Also, women students are counselled periodically by the women members of faculty on gender related problems.
- CC cameras are fixed on vantage points of the campus to monitor the safety and security of all the inmates
- The institution celebrates the events such as international women's day and other days of significance.
- The Institution has separate toilets for ladies and common rooms for girl students are available for their convenience.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid Waste Management:

Adequate number of dustbins at each building and along the road side is provided. The frequency of solid waste collection is done twice in a week. And it is appropriately disposed through to the local Municipal authorities.

Liquid waste management:

- **The institution installed a Reverse Osmosis (RO) plant for drinking water of the inmates on the campus**
- **Wastewater is generated from wash rooms, toilets of all buildings, canteen and messes is collected and transported by means of well-conceived drainage system.**

Biomedical waste management: the programs offered and the research undertaken by the institution has nearly no biomedical waste. However little waste that comes from the dispensary is disposed following a standard prescribed protocol

E-waste management

The waste that is generated is collected and stored in a separate place before disposing it to the vendor

Hazardous chemicals and radioactive waste management: The institution conducts practical for undergraduate engineering students involving mild and less harmful chemicals. A few faculty members are conducting research using chemicals.

Waste recycling system: The management arranges for the disposal of the solid waste through the local Municipal authorities for recycling

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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
Geotagged photographs / videos of the facilities	[View File]()
Any other relevant information	[View File]()

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
Geotagged photos / videos of the facilities	[View File]()
Various policy documents / decisions circulated for implementation	[View File]()
Any other relevant documents	[View File]()

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

The college admits students from different states and countries which brings a large diversity to the campus. Multi-cultural and multi-national environment is helping the local students to get exposed to diverse cultures and helping them to develop as global citizens and vice versa. Also, members of faculty and staff are recruited from across India which is promoting a cosmopolitan nature among employees. The mess, canteens are provided with multi cuisine

menus for the benefit of the students and employees.

Also, the college celebrates the cultural, regional and national festivals such as Sankranti, Ugadi, Holi, Swami Vivekananda Birth anniversary, Ambedkar Jayanthi, Good Friday, Ramzan, Bakrid, Dussehra, Diwali, New-year's day, Teacher's Day, Yoga Day, National Science Day, National Engineer's Day, National Mathematics Day, Fresher's Day, Induction and orientation on the campus. All the members of the faculty, staff and students fervently participate which is a great demonstration of unity in diversity.

Motivational lectures from eminent persons are arranged for personality development and to make them responsible citizens with inclusiveness and tolerance. In this way, the institution is making efforts in providing an inclusive environment

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

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

The institution organizes events and programs pertaining to values, rights, duties and responsibilities of citizens to the students periodically. Also, the institution organizes lectures from experts on universal human values during the student induction program and also included two courses in the curriculum on universal human values to make students learn on values and ethics and establish their career complying responsibilities and obligations of the Nation.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers,	A. All of the above

administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Independence Day, Republic Day and other important days of national importance are organized in a grand manner to enlighten students on the significance of those days and people connected with them. This is motivated to make student orient themselves to contribute their best for the development of nation.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Practice-1:

Title of the Practice:

Setting up of skill development centres with the support from industry

Objectives of the Practice:

- Equipping students with the skill sets suitable for technology innovation
- Impart skill oriented short and long duration training programs students
- Develop appropriate skill practices through training, testing and certification to suit industry standards.

The Practice:

- Establish training centres with the resource persons from industry.
- Offer a variety of training modules to suit higher education or prospective career.
- Continuously provide mentoring with experts from industry to apprise of the industry demands.

Evidence of Success

Establishment of Dassault Systemes lab, Applied Robotics Controls lab and Extended reality (XR) lab

Practice-2

Title of the Practice:

Tie-ups with industry for student training and internships

Objectives of the Practice:

- Liaise with Tier-I industry and corporate for student training and internships
- Organize special awareness and training for students in developing the requisite skill set with the participation of industry experts
- Provide student internships in industry for real time experience

The Practice:

- **Executing MoUs with industry for Joint Training Programs with Industry**
- **Liaise with industry for student development.**
- **Providing internship in core and IT industry**

Evidence of Success

Programs organized in association with industry partners

File Description	Documents
Best practices in the Institutional website	https://svcetedu.org/wp-content/uploads/2022/12/BestPractices-2021-2022.pdf
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Implementation of ICT in Teaching - Learning

The teachers are using ICT for delivering lectures and conducting laboratories. In classrooms, LCD projectors are fitted to enable effective teaching – learning.

Teachers use 'Microsoft Teams' platform for delivering online lectures.

Teachers use program specific IT tools for simulation and design such as AutoCAD, STAAD Pro, Geographic Information System, Camtasia, Visual Studio Live Share, Collabedit - Online Code Editor, MULTISIM, MODELSIM, MATLAB, TASM, PSIM, SKM, PSICE, OBS Studio, Canva, Industryconnect, Prezi, Spreadsheets, SPSS, RStudio (R Programming), Visual studio code, Thonny, Weka, LessonWriter, Easy Test Maker, Kinemaster and Apowersoft

An ERP- Ion CUDOS is used for implementation of Outcome-Based Education

File Description	Documents
Appropriate link in the institutional website	https://svcetedu.org/wp-content/uploads/2022/12/Distinctiveness2021-22.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year
Increasing the self-learning methods of the students through online learning   **Forging alliances with top foreign universities for student and faculty development**   **Establishment of industry sponsored labs**   **Establish incubation centres in specialized areas of Engineering.**   **Support students for semester abroad program in premier international Institutions.**