YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	SVERI's College of Engineering, Pandharpur
• Name of the Head of the institution	Dr. Babruvahan Pandurang Ronge
• Designation	Professor and Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02186225083
• Mobile no	9545193434
• Registered e-mail	coe@sveri.ac.in
• Alternate e-mail	bpronge@coe.sveri.ac.in
• Address	P.B NO 54 GOPALPUR-RANJANI ROAD, GOPALPUR TAL.PANDHARPUR DIST.SOLAPUR 413304
• City/Town	Pandharpur
• State/UT	Maharashtra
• Pin Code	413304
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	`UGC 2f and 12(B)`
• Name of the Affiliating University	`Punyashlok Ahilyadevi Holkar Solapur University`
• Name of the IQAC Coordinator	`Dr. Sandeep Sitaram Wangikar`
• Phone No.	`02186225083`
• Alternate phone No.	`7387997667`
• Mobile	`9657720923`
• IQAC e-mail address	`sswangikar@coe.sveri.ac.in`
• Alternate Email address	`iqac@coe.sveri.ac.in`
3.Website address (Web link of the AQAR (Previous Academic Year)	https://coe.sveri.ac.in/downloads/iqac/aqar2022-23.pdf
4.Whether Academic Calendar prepared during the year?	`Yes`
• if yes, whether it is uploaded in the Institutional website Web link:	https://coe.sveri.ac.in/downloads/AcademicCalendar2023-24.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
`Cycle 1`	`B`	`2.76`	`2015`	`15/11/2015`	`14/11/2020`
`Cycle 2`	`A+`	`3.46`	`2022`	`26/04/2022`	`31/12/2029`

6.Date of Establishment of IQAC	`31/08/2015`

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SVERI's College of Engineering, Pandharpur	FIST - Fund for improvement of Sand T i nfrastructure in University and Higher Education Institutes (FIST) - Dr. B. P. Ronge	Ministry of Science and Technology, Govt. of India	2020 (5 Years)	60 lakhs
Department of Mechanical Engineering	Low cost PDMS based lenses using-hanging droplets	Seed Money from P.A.H. Solapur University, Solapur	2020 (2 Years)	0.80 lakhs
Department of Mechanical Engineering	Seed Money - Optimal design of m icrocomponen ts for microfluidi c application s - Prof. D. D. Ronge	Seed Money from P.A.H. Solapur University, Solapur	2020 (2 Years)	0.75 lakhs
Department of Mechanical Engineering	Design, Develop, Manufacture, Installatio n & Commiss ioning with Trials of Solar Powered Single Tower Pivot Irrigating System - Dr. B. P. Ronge	RGSTC & PAH Solapur University, Solapur	2021 (2 Years)	4.90 lakhs

Department of Electronics & Telecommunication Engineering	IOT and microscopic images based pathology system for rural health care - Dr. A. S. Vibhute	RGSTC & PAH Solapur University, Solapur	2021 (2 Years)	4.90 lakhs
SVERI's College of Engineering, Pandharpur	Running and Operation & Maintenance of AKRUTI Incubation Centre, Boisar - Dr. B. P. Ronge	Under MoU between TMS NPCIL and SVERI	2021 (3 Years)	281.42 lakhs
Department of Mechanical Engineering	Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)	All India Council for Technical Education (AICTE)	2022 (1 Years)	2 lakhs
SVERI's College of Engineering, Pandharpur	Development of Smart Drone Ecosystem and Demonstration of Societal Applications towards Larger Drone Development Strategy of Maharashtra	Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra	2022 (5 Years)	3373.0021 lakhs
Department of Electronics & Telecommun	Alumni Seed Money: Development of IOT based	Seed Alumni Fund	2022 (2 Years)	1 lakhs

ication Engineering	devices for Applications of Monitoring Various Environmental and Agricultural Indexes			
Department of Electrical Engineering	Alumni Seed Money: Setting up an In-house EV Charging Station	Seed Alumni Fund	2022 (2 Years)	1 lakhs
Department of Electrical Engineering	ATAL FDP - Advancing Energy Storage: Technology, Integration, and Implementation	All India Council for Technical Education (AICTE)	2023 (1 Years)	3.5 lakhs
Department of Electrical Engineering	ATAL FDP o Electri Vehicle	All India Council for Technical Education (AICTE)	2023 (1 Years)	3.5 lakhs
Department of Civil Engineering	Seed Money from PAHSUS Solapur - Demonstration and Business Model Development of Low Cost Housing using Bamboo and Ferro Cement Technology	Seed Money from P.A.H. Solapur University, Solapur	2023 (2 Years)	0.96 lakhs

Department of Electrical Engineering	Seed Money from PAHSUS Solapur - An Investigation on Waste Management and Waste to Energy Conversion	Seed Money from P.A.H. Solapur University, Solapur	2023 (2 Years)	0.92 lakhs
Department of Civil Engineering	Seed Money from PAHSUS Solapur - Sustainability Performance Improvement of Concrete Pavements using Reusable Materials	Seed Money from P.A.H. Solapur University, Solapur	2023 (2 Years)	0.9 lakhs
Department of Electronics & Telecommunication Engineering	Seed Money from PAHSUS Solapur - Design and Development of Flexible MIMO Antennas for 5G Applications	Seed Money from P.A.H. Solapur University, Solapur	2023 (2 Years)	0.9 lakhs
Department of Mechanical Engineering	Seed Money from PAHSUS Solapur - Design and Fabrication of Micro-Miniature Device for Micro Fluidic Application	Seed Money from P.A.H. Solapur University, Solapur	2023 (2 Years)	0.9 lakhs

8.Whether composition of IQAC as per latest NAAC guidelines	Yes

• Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	`04`
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	`Yes`
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded
10.Whether IQAC received funding from any of the 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)

`Applied for Autonomy and Autonomous Status is conferred by UGC from AY 2024-2025 for a period of 10 Years`

`Applied for NBA Accreditation and received NBA Accreditation for all eligible 4 UG Programmes`

`Participated in OBE Rankings and Institute ranked in OBE Rankings 2024 with Diamond Band: Institution of Prominence by R-World Institutional Ranking`

`Collaborative activities for Research, Faculty Exchange, Student exchange/internship- More than 930 collaborative activities were conducted`

`Organizing Workshops/Skill Development Programs/FDP/ Conferences, etc.- 13 FDPS/Staff Development programs and 37 Workshops were conducted.`

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

Plan of Action	Achievements/Outcomes
Constructing the Seventh and Eighth Floor of the multipurpose building	Construction of Seventh and Eighth Floor of the multipurpose building is completed
Modernization of the Playground	Modernization of the Playground is completed
Implementing NEP 2020 Initiatives	NEP 2020 compliant curriculum is started for First Year B. Tech. from AY 2023-24
Enhancing Internship and project-based learning	One Semester Internship is incorporated in the curriculum of of Final Yeat B. Tech. for all Programmes. Hackathon is organised at Institute Level for enhancing the Project based learning and total 80 groups have participated in the same.
Promoting students for enrolling and completing various Online Courses	Students are encouraged for enrolling and completing various Online Courses and more than 500 students have completed various online courses.
Enhancing the research activities like conference paper Publication, product development, etc. in the Institution	Faculty members are motivated for publishing papers in conferences and total 84 papers are published in conference proceedings.
Enriching Extension activities in collaboration with various other organizations	Total 46 Extension activities in collaboration with various other organizations were organised
Enhancing Collaborative activities	Various collaborative activities through 51 functional MoUs were conducted.
Organizing Skill Development Programs/FDP/ Conferences, etc.in the emerging areas and Administrative, Professional and Personality Development Trainings, Staff Development Programs, Management Development	13 FDPS/Staff Development programs and 37 Workshops were conducted.

Programs,etc.	
Applying for Autonomy	Autonomous Status is conferred by UGC from AY 2024-2025 for a period of 10 Years
Applying for OBE related Rankings	Institute ranked in OBE Rankings 2024 with Diamond Band: Institution of Prominence by R-World Institutional Ranking

13.Whether the AQAR was placed before statutory body? — **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Board of Governors	15/10/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	07/02/2024

15.Multidisciplinary / interdisciplinary

The institution is committed for creating a holistic learning and working environment by integrating diverse disciplines and perspectives. Below are the key strategies employed to achieve this transformation: Enriched Curriculum: Aligned with NEP 2020, the institution adopted an interdisciplinary curriculum starting in AY 2023-2024. This includes interdisciplinary courses and projects to encourage collaboration across fields, fostering a well-rounded understanding of knowledge. To integrate humanities and social sciences, electives such as Economics, Stress and Coping, Intellectual Property Rights for Technology Development and Management, Professional Ethics & Human Values, and Introduction to Sociology are offered under the university curriculum. Flexible Learning Opportunities: The institution provides a flexible academic structure with open electives, mandatory interdisciplinary courses, and employability enhancement programs. These initiatives allow students to explore diverse interests and develop essential skills. Infrastructure and Collaborations: State-of-the-art centralized research facilities, interdisciplinary labs, and digital library

resources support innovation. Partnerships with industries, NGOs, and institutions enable impactful collaborations, while platforms like SWAYAM and MOOCs facilitate credit transfer and online learning. Co-Curricular Activities: Students are encouraged to participate in interdisciplinary projects, clubs, hackathons, and skill-development programs. Capstone projects and real-world problem-solving activities enhance practical learning and foster collaboration. Faculty Development: The institution organizes training programs to enhance faculty expertise in interdisciplinary teaching and research, ensuring they guide students effectively in a comprehensive learning environment. 4o

16.Academic bank of credits (ABC):

SVERI's College of Engineering, Pandharpur is affiliated with Punyashlok Ahilyadevi Holkar University, Solapur (PAHSUS). The Institute follows the Choice Based Credit System (CBCS) pattern given by PAHSUS. Academic Bank of Credits (ABC) enables students' mobility across Higher Education Institutions through a welldefined mechanism of credit transfer. It also helps in seamless integration of skills and experiences earned by students into a structured credit-based system. The institute executes a mechanism for generating Academic Bank of Credits (ABC) IDs of students which is in line with the University guidelines. The students of the Institute have registered for the Academic bank of credits portal in accordance with the guidelines provided by the PAHSUS

17.Skill development:

In line with national education policy (NEP), Institute engages skilling activities for holistic development of students. It starts with Induction programs to all classes at the start of each year. It gives the directions to students for required skill sets which students must earn in that academic year. Advanced Technical Training program is designed to give exposure to higher level technical expertise required to crack competitive exams, company specific technical tests, Technical entrance examinations like GATE, CEED etc. In house as well as expert level aptitude training programs are conducted on weekly basis for students which elevates logical ability in turn helps to appear for various assessments. Skill sets required for Group discussions, Interviews etc. are developed through regular mentor sessions. It includes personal as well as group level activities for limited batch of students. Institute regularly conducts soft skill training through professional trainers for students which grooms skill sets like communication, Team work, Time Management, presentation skills, emotional intelligence etc. Students are also given exposure to

entrepreneurship skill sets through the successful entrepreneurs and for which institute has signed MoUs with reputed organizations. Mock interviews from second year onwards are conducted regularly to get acquainted with interview skills. In addition to all above programs, Company specific trainings are arranged in final year based on the requirements posted by company which includes aptitude, soft skill as well as technical Trainings. Outcome of all the activities can be seen through achievements in terms of placements, Government Jobs, startups etc

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

The institution has taken a significant step towards integrating the Indian Knowledge System (IKS) into its academic framework, particularly focusing on teaching through Indian languages and promoting Indian culture. Starting from the academic year 2023-2024, a dedicated course on the Indian Knowledge System has been introduced for First Year B. Tech students. This course encompasses a wide array of topics, including Indian astronomy, Vedic mathematics, ancient civilization, and traditional methods of irrigation. By exploring these subjects, students gain an appreciation of India's rich heritage and its contributions to various fields of knowledge. In addition to academic learning, the institution has incorporated a 30-minute daily Pranayama session into the timetable. This session includes practices such as Bhastrika, Anulom Vilom, Kapalbhati, Bhramari with Shitali, Bhramari with Shitkari, meditation, and clapping exercises. These activities are designed to enhance students' physical and mental well-being, fostering mindfulness and reducing stress. The institute further emphasizes the importance of yoga by celebrating International Yoga Day on June 21st each year. To reinforce this commitment, the institute has also decided to observe Yoga Day on a monthly basis, on the 21st of every month. This initiative ensures that the values and benefits of yoga are consistently promoted throughout the year.

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

Institute implements Outcome Based Education (OBE). It is the approach towards teaching & learning in which activities about the curriculum are driven by the outcomes which the students should demonstrate at the end of the course. OBE is more systematic in its own ways as the teaching and assessment are product oriented i.e what students get to learn and what abilities they develop matters much in this type of education. It is a students' performance based approach which emerged from the multinational agreement through Washington Accord. The taxonomy of Bloom provides the base for

planning the objectives and outcomes of the courses. Being one of the countries signing on the Washington Accord, 'National Board of Accreditation (NBA)' the Indian accreditation agency has made it compulsory for engineering institutions to adopt and implement OBE framework for the curriculum design, content delivery and final assessment. In the OBE, the educational outcomes of a program/course are clearly and unambiguously specified. It helps to determine the content of curriculum and its set up, the methods of teaching, further strategies and the process of assessment. All eligible programs in the institute i.e. Mechanical Engineering, Civil Engineering, Computer Science and Engineering and Electronics and Telecommunication Engineering have been accredited by NBA, up to 30 June, 2026. Institute has participated in OBE Rankings and Institute ranked in OBE Rankings 2024 with Diamond Band: Institution of Prominence by R-World Institutional Ranking.

20.Distance education/online education:

The Institute has taken extensive efforts to promote online education. The details of the initiatives taken by the institute for online and distance education of students is as given below: Distance learning of students and faculty members was encouraged by undergoing various Coursera courses to enhance their technical and practical skills. Students were also encouraged and given necessary support by faculty members to take various NPTEL SWAYAM courses and MOOC courses. Use of virtual learning platforms such as Zoom, Google Meet, Google Classroom, Virtual Laboratories, etc. was made to the extent possible for conduction of academic sessions, meetings with students, celebration of various events, expert sessions, etc. Campus recruitment related training sessions were conducted using Infosys springboard, NASCOM trainings, etc. Campus specific drive trainings, mock interviews for preparations were conducted by using zoom meetings. Online lectures were delivered to the students using paid version of Zoom platform. Recorded lectures of all the subjects were uploaded on Youtube and made available to the students along withnecessary study material. Practical/demonstration sessions were conducted by using virtual lab software. Unit wise tests and In semester evaluation examinations were conducted online using Google forms.

Extended Profile

1.Programme

1.1   **354**

Number of courses offered by the institution across all programs

during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **2619**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **404**

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	[View File](#)

2.3   **738**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **161**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **132**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1	**354**
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	[View File](#)

2.Student

2.1	**2619**
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2	**404**
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	[View File](#)

2.3	**738**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1	**161**
Number of full time teachers during the year	

File Description	Documents
Data Template	[View File](#)

3.2	**132**
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1	**37**
Total number of Classrooms and Seminar halls	
4.2	**1067.58**
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	**780**
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 Pandharpur Pattern in Professional Education (PPPE) emphasizes effective curriculum delivery to ensure the holistic development of both students and faculty members, contributing to higher academic standards. The following process illustrates how the Institute implements this framework:

1. Academic Calendar Preparation: An academic calendar is devised before the start of each academic year, providing a structured approach for planned activities and timelines.

2. Academic Planning Meetings: Prior to each semester, a meeting involving all staff members is held for academic planning and effective curriculum implementation.

3. Teaching Load Distribution and Timetable Preparation: Based on faculty members' areas of specialization, skills, experience, and subject preferences, teaching loads are

distributed, and timetables are prepared by HODs in consultation with the Dean of Academics.

4. Course File and Faculty Diary Preparation: Aligned with the syllabus and institute guidelines, each subject teacher prepares a course file and maintains a faculty diary, which undergo periodic reviews.

5. Student-Centric Methods and ICT Tools: Subject teachers adopt various student-centric teaching methods and ICT tools to effectively deliver content.

6. MOOCs and Online Learning: Faculty members and students participate in online learning platforms like NPTEL, Infosys Springboard, LinkedIn Learning, etc., to enhance their skills and knowledge.

7. Feedback Mechanism: A structured feedback mechanism helps identify gaps, which are communicated to the affiliated University for possible curriculum modifications.

Outcomes: Effective implementation of the PPPE has led to students securing ranks in the University Merit List and achieving excellent overall academic results.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

The Institute follows a comprehensive approach to academic planning, guided by the affiliated University's guidelines. A well-structured Institute Academic Calendar is prepared before the commencement of each academic year, which serves as the reference for creating individual Department Academic Calendars. This systematic planning ensures the smooth and effective implementation of the curriculum. Key aspects of the Academic Calendar include:

1. Teaching Period: A 90-day teaching period is planned to

guarantee 100% syllabus coverage for both theory and practical sessions. Faculty members align their teaching plans with this schedule to ensure consistent progress.

2. Assessment Schedules: The calendar outlines specific dates for In-Semester Examinations, Unit Tests, Lab Tests, and result declarations, ensuring a structured assessment and evaluation process throughout the semester.

3. Curricular Activities: Industrial visits, certificate courses, and other curricular engagements are organized at the start of the academic year and are incorporated into the calendar to enhance students' practical learning experiences.

4. Extracurricular Activities: A diverse range of extracurricular activities, events, and day celebrations are also included, promoting students' overall development and active participation.

5. Monitoring and Execution: Committees are formed to oversee the execution of teaching-learning processes, ensuring adherence to the academic schedule. Regular reviews are conducted to monitor progress and address any deviations, which are subsequently managed by the concerned authority to maintain alignment with the calendar.

This structured approach fosters effective curriculum delivery, enriching both the academic and overall student experience while ensuring smooth functioning throughout the academic year.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

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   A. All of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

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

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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)

44

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

number of students during the year

1864

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The Institute integrates key cross-cutting issues like Gender, Environment and Sustainability, and Human Values and Professional Ethics into its curriculum to promote holistic development.

Gender: Courses on Entrepreneurship Development are included to encourage skills across genders, fostering equality in professional spaces.

Environment and Sustainability: The curriculum emphasizes environmental responsibility through subjects such as Environmental Engineering, Air Pollution and Control, Solid and Hazardous Waste Management, Energy Science & Engineering, Disaster Management, and Planning for Sustainable Development. Additionally, Environmental Science is mandatory across programs to instill a culture of sustainability.

Human Values and Professional Ethics: Courses like Professional Ethics & Human Values, Intellectual Property Rights, Business Ethics, and Human Resource Management teach moral ideals, professionalism, and effective communication. These subjects ensure students grasp the significance of ethics in their careers.

Furthermore, the institution encourages a culture of human values and ethics through community engagement activities, promoting empathy, social responsibility, and ethical conduct.

This integrated approach ensures students are well-equipped with academic knowledge, ethical practices, gender inclusivity, and environmental awareness, preparing them to be responsible professionals.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

94

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

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

1740

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

A. All of the above

**from the following stakeholders Students
Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	https://naac.sveri.ac.in/SubCr1412224.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://coe.sveri.ac.in/naac/

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

674

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

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

401

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The Institute assesses the slow and advanced learners based on the previous Examination results. In the process, it is ensured that slow learners should not feel targeted and isolated. It is alsoensured that the slow learners are transferred to advanced learners' group with improvement in their performance.

Action plan for slow learners:

- **Regular assignments for clearing their concepts**
- **About three hours are allotted to students in the evening for self-study in study hall facility.**
- **Practice sessions for difficult and backlog subjects**
- **Teachers provide simplified and focused study material**

Action plan for advanced learners:

- **Merit cash prizes and Medals for encouragement**
- **Motivation for extra and co-curricular activities**
- **Guidance sessions for research orientation and competitive examinations**
- **Free book bank facility for toppers**
- **Felicitation in front of various stakeholders**
- **Media coverage of such students' achievements and sharing with their parents through social media**
- **Assignment questions are distributed as per level of difficulty**
- **Best Outgoing Student and Best Project Awards**
- **Involving students in Research.**
- **Product Development and Consultancy activities**

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_2/2_2_1/23_24/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
2619	161

File Description	Documents
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

Students' learning outcome depends on the instructional strategy used by the faculty member. Therefore, while planning for course delivery, teachers on the basis of predefined learning outcomes develop the assessment methods and then select instructional strategies that engage students in multiple activities rather than just attending classes. Following are some of the strategies employed by faculty members during their content delivery:

Experiential Learning: Mini projects Final Year Projects Internship / vocational training. Use of Virtual Labs Arranging technical activities like paper presentation, programming competitions etc. Use of visualizations like animations, videos. Exposure to advanced experimentation on research oriented equipment Teaching in the classroom and laboratories with interaction of instruments, flowcharts, models and software Expert lectures

Participative Learning: Students' participation project competitions. Students participate in various paper presentation competitions and strive for publication in journals and conferences Debates shows like Mock Parliament. Quiz solving by using platforms like quizzes.com, Google form, etc. Participation in various online courses.

Problem Solving Methodologies: Industry sponsored projects. Interdisciplinary project activities Different programming contests where students design and develop solutions to given problems Model development Design Projects

File Description	Documents
Upload any additional information	[View File]()
Link for additional information	[https://naac.sveri.ac.in/Criteria 2/2 3 1/23 24/2.3.1.pdf]()

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT tools are used for the following teaching learning activities Knowledge Enhancement and Updating: To attend various online courses like SWAYAM, COURSERA, etc. for enhancing knowledge. To learn the contents available on various digital platforms teaching concepts. To refer e-journals and other research oriented material. Generation of Course Content: Power point presentations Video Lectures ICT tools for course delivery: Use of Google classroom: Google classroom is used for the software subjects. Visualization: Videos, Simulation, Animations etc. are applied for understanding of basic concepts. Use of Smart Boards and Tablets: Smart boards are used for the subjects where software such as AutoCAD, CATIA. Teachers use Tablets for online teaching of mathematical and drawing related courses. ERP-based CO-PO Attainment: After completion of every internal assessment, results of the assessment are updated periodically which helps to identify the progress of student and to take corrective action individually. Virtual laboratories:Virtual laboratories have facilitated various simulation studies for enabling the students to understand the technical concepts and to study effects of parameters through experimentation.Online Quiz:Google forms are used for conduction of test on multiple choice questions. Also, https://quizizz.com is applied for conducting the quizzes.

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

139

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
Mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

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

161

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**

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

27

File Description	Documents
Any additional information	View File
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)	View File

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

913

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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.

As per the University norms, 30% marks are given to In-Semester Evaluation (ISE) whereas 70% marks are given for End semester Examination (ESE). A transparent policy has been prepared for evaluation of ISE and ICA. The ICA marks are given based on Unit Test, Lab test, Assignments, Lab books, oral examination. The tools used for ICA vary based on the type of subject. The ICA marks of project based subjects like Mini-Project, Vocational training, Final year project; seminar, etc. are given based on the rubrics with respect to respective courses. The distribution of syllabus for each evaluation tool is done and informed to students at the start of the course. The frequencies of these examinations, tentative schedule and display of results of these tools are also decided at the start of semester and informed to students accordingly. The patterns of these evaluation tools are adopted from the AICTE Examination Reform policy. Based on this policy, the performance indicators with respect to the content of the syllabus are utilized to decide the questions which arealso linked with Course Outcomes and to the Bloom's cognitive level. The ISE

process has been summarized asbelow: 1. Question Paper Setting. 2. Conduction 3. Assessment 4. Result Declaration

File Description	Documents
Any additional information	View File
Link for additional information	**Nil**

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

Grievances about In Semester Evaluation: At the beginning of the semester, faculty members inform the students about the various components in the In-Semester Examination process during the semester. In-Semester Examination schedule is prepared as per the academic calendar and communicated to the students well in advance. The assessed answer papers are shown to the students for the verification and any grievance is redressed immediately by teachers. The marks obtained by the students in Internal tests after their verification are displayed on the department notice boards and communicated to parents. Internal Continuous Assessment (ICA) marks are given based on various tools and are displayed on the notice board. Sufficient time is given to students to communicate their grievances to HOD. These grievances are addressed by the HOD based on the details of evaluation tool records. Grievances about End Semester Examination: End Semester Examinations are conducted by Punyashlok Ahilyadevi Holkar Solapur University, Solapur. Time table and question papers are sent by university. Assessment is done by university. Results are processed and declared by the university. If any student is not happy about marks obtained in End Semester Examination, he/she can apply for revaluation as per the norms of University.

File Description	Documents
Any additional information	View File
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.

Institute follows Outcome Based Education (OBE) system. The Process of defining of Programme Outcomes (POs), Programme

Specific Outcomes (PSOs) and Course Outcomes (COs) involves various stakeholders. Pos and PSOs POs are designed by taking into consideration the attributes required for Engineering graduates like domain competency, environment and sustainability, ethics, team work, communication, project management and finance and lifelong learning. On the basis of the specialization of the field PSOs are framed by the department. The approved POs and PSOs are published and disseminated by displaying/ printing/ noting as per the details given below: Institute Website Entrance of the Department HOD Cabin Classrooms and Laboratories Course Files of Teachers Notebooks of students Lab books and Assignment Books of Students Faculty Diary Course Outcomes: Course Expert defines Course Outcomes based on University Syllabus and Bloom's Taxonomy. The COs are aligned with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). Dissemination of Course Outcomes (COs): The Course Outcomes of all the subjects are made available through various means as given below: Institute Website Laboratory Notice Board Course Files of Teachers Faculty Diary Notebooks of the students Assignment and Lab books of the students

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

The CO-PO mapping index is utilized to obtain PO attainment from the values of CO attainments of the courses under the particular programme. The CO-PO mapping is indexed as Not Applicable (NA), Low (1), Moderate (2) and High (3). Attainment of CO: The levels of CO attainment are calculated on the basis of internal assessment conducted at institute level and external assessment conducted by the University. The CO attainment tools depend on the type of course viz. for theoretical subjects- ISEs, lab tests,Assignment, etc. The target level for the internal assessment tools is 60% of total marks whereas target level of external assessment tools is passing percentage marks. The total CO attainment is calculated by giving 20% weightage for internal assessment tools whereas 80% weightage for external assessment tools. Attainment of POs: The overall attainment of POs is computed by adding direct attainment and indirect attainment

values in the proportion of 80:20, respectively. The PO attainment is weighted average of COs based on the weights as CO-PO mapping index. The indirect attainment of POs is obtained based on various surveys and feedbacks. The target levels for the indirect assessment tools are usually set as 60% of total marks.

File Description	Documents
Upload any additional information	View File
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

724

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	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://coe.sveri.ac.in/naac/student-satisfaction-survey/

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)

3786.35

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

13

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

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

04

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

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

The institution fosters a robust ecosystem for innovation and

knowledge transfer through its dedicated research and development initiatives. Key contributors to this ecosystem include the Research and Development Cell, Institutions Innovation Council (IIC), SVERI's SOBUS Centre of Excellence, and the Entrepreneurship Development Cell (EDC). These entities work collaboratively to inspire and facilitate innovative thinking among students and faculty members, promoting the creation of novel ideas and products tailored to societal needs.

The institution emphasizes promoting innovation through initiatives like the Intellectual Property Rights (IPR) Cell, which encourages patenting and protects intellectual contributions. The IIC and EDC focus on nurturing entrepreneurship by providing resources, mentorship, and platforms for budding entrepreneurs. The Centre of Excellence and advanced research infrastructure serve as hubs for technological exploration, enabling hands-on exposure to cutting-edge technologies.

Institute has 48 functional MoUs for various collaborative activities. To facilitate transfer of knowledge, the institution organizes workshops, Faculty Development Programs (FDPs), Short-Term Training Programs (STTPs), and international conferences regularly. These events build synergies among academia, industry, and the community, while strengthening industrial interactions and enhancing entrepreneurial capabilities. This holistic approach ensures the institution remains a vibrant hub for research, innovation, and knowledge dissemination.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://coe.sveri.ac.in/research/

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

37

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

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

05

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)	View File
Any additional information	View File

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

119

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

84

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

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

In the academic year 2023-24, a wide range of extension activities were organized to sensitize students to social issues, promoting their holistic development. These activities, conducted in collaboration with local communities, government bodies, and NGOs, focused on key themes such as environmental awareness, health, social justice, civic responsibility, and education.

Programs like World Environment Day, Chandrayan-3 Celebration, and the Cleanliness Drive during Ashadhi Wari focused on environmental sustainability and cleanliness. The Voter Awareness Campaign and Path Natya highlighted the importance of civic engagement and responsible voting. Health initiatives such as Yoga Day and the Fit India Freedom Run encouraged students to adopt healthy lifestyles. Additionally, programs like Digital Detox Day and the NEP Week promoted awareness about technology use and educational reforms.

These activities provided students with opportunities to engage directly with their communities, developing leadership, communication, and problem-solving skills. They also fostered a sense of social responsibility, encouraging students to contribute positively to society. The extension programs not only enhanced students' academic learning but also nurtured their personal growth, preparing them to be responsible, empathetic citizens. Overall, these initiatives had a lasting impact on both students and the local community.

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_3/3_4_3/ 23_24/3.4.3.pdf
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

06

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

46

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

2237

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

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

935

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

48

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[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 equipment etc.

Classrooms Facilities: Well-equipped 37 Class rooms which are ICT enabled equipped with LCD projector; Internet connectivity, ICT enabled two seminar halls and one International Conference Hall with Public Address System and CCTV Cameras.

Laboratories' Facilities: 49 well equipped laboratories with adequate instruments/ equipments. Five Smart Boards in the laboratories to ensure effective interactive learning Research labs with modern engineering tools like LASER cutting machine, 3D printing Machine, Rapid-I Vision System, CNC Micro-Station, 3-D Photo-Chemical Machining, etc. Central workshop with CNC and VMC.

Computing Facilities: Total 780 computers (Intel Pentium Core i3 and Core i5 with minimum 4GB RAM), 11 Servers (powerful Intel Xeon processors), 08 Laptops, 71 Printing facilities along with one plotter, 10 scanners and HDDs Internet connectivity of 1Gbps (1024Mbps) speed and Wi-Fi connectivity .The MOOCs, Virtual Lab, Spoken Tutorial, NPTEL Videos, Webinars etc. are also used to enrich teaching-learning process .

Other Facilities: Boys Hostel and Girls hostel for the boarding of students Faculty members have separate/shared faculty rooms. 11KV with transformer of 500 KVA connected to MSEB power station directly. Roof Top Solar Power Plant with capacity of 400 kW.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.youtube.com/watch?v=xQIAFRj2EZE

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

Cultural: Open-Air Amphitheatre having capacity to accommodate around two thousand five hundred students at a time which is utilized for conducting the various cultural and other events. Institute organizes different events/functions every year such as OLYMPUS (National Level Event), Teachers Day, Engineer's Day, Shiv-Jayanti, Dr. Ambedkar Jayanti, etc. Students organize events such as Mock Parliament/Mock Security Council and Street Play to create awareness about social issues and focus on some of them. Students also participate in Engineer's Youth Festival.

Sports: Playgrounds for games such as Basketball, Volleyball, Kho Kho, Football Indoor sport complex with all facilities for various sport games like Carom, Badminton, Table-Tennis,Chess, etc. Separate Sports Room with adequate sports material Gymnasium Facility: Separate Gymnasium with 1200 sq. ft. area for Boys and girl students. Gymnasium is well equipped with Leg Press Machine, Declined Bench, Standing Calf Machine, Forearms Machine, T Bar Machine, Cross Over Pulley, Treadmill Machine (Running Machine), Abdomen Bench, Swiss Ball, Dumbbell Set, Preacher Curl Machine, Cycling Machine .

Yoga and Pranayama: The session for 'Pranayama' is made a part of daily timetable to promote relaxation and mindfulness keep themselves mentally strong. Institute celebrates International Yoga Day on 21st June of every year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.youtube.com/watch?v=WNyVVRDK-tA

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

class, LMS, etc.

37

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.youtube.com/watch?v=y6bwq8DkaCM
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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)

160.17

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

Sr. No.

Parameter

Software

1.

Library Management System

R-Work

2.

Name of ILMS software

R-Work

3.

Nature of automation

Fully Automated

4.

Version

1.0

5.

Year of automation

2019

The Central Library of the college has a special place for higher learning and research. The library occupies a total carpet area of about 1522.48 Sq.mt. having spacious stack-rooms and reading halls with a seating capacity of 360 students at a time.The library has different sections like Boys reading room, Girls reading room, Digital library section, reference section, book issue/return section, periodicals section.

This ILMS software provides different modules including book search, books issue/return management console for students as well as of faculty member, student profile, etc. This software helps to manage library book database and also to maintain daily transactions. On the other hand, library users can search books available in the library and its status about availability and also their book transactions through mobile or computer remotely.

The Central library hasDigital Library Section with1Gbps internet connectivity which enables students and staff members to access DELNET, Elsevier E- Journals, E-Books, Online-Open-SourceJournals

and NPTEL Lectures. Open Public Access Catalogue (OPAC) Software is availablefor personal assistance to each user while accessing the library books. Barcode system is implementedfor all books in the library.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://naac.sveri.ac.in/Criteria 4/4 2 1/ 23 24/4.2.1.pdf

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

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

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)

15.02

File Description	Documents
Any additional information	View File
Audited statements of accounts	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 - 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

237

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The Institute has strong IT infrastructure and upgrades it regularly to cope up with the contemporary technical requirements.

IT Facilities: Institute has 37ICT enabled classrooms, two Seminar Halls and one International Conference Hall with LCD projectors, Smart Boards, LAN, Wi-Fi and well-equipped 49laboratories. The institute has high configured 11 Servers (powerful Intel Xeon processors), 08 Laptops, 71 Printing facilities along with one plotter, 10 scanners and 10 HDDs and total 626 computers. Dedicated 1 Gbps Leased Line with NKN Connectivity. Cisco ASR1002 Router is installed to connect 1 GBPS dedicated leased line internet connectivity. Dual band Wi-Fi system in entire campus. Campus is under full CCTV Surveillance with total 950 HD IPCameras, Biometric attendance system is employed for staff members

Network Management software: Sophos 750XG Firewall with Full guard Plus Subscription has been installed to protect all servers from outside attacks. Upgradation of IT Facilities: The Internet bandwidth is upgraded time to time as per requirement and the technology is also constantly updated The hardware routers and servers upgraded regularly to match higher data speed demand. For periodic maintenance of IT infrastructure, Annual Maintenance Contract is signed.

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

4.3.2 - Number of Computers

780

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

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)

776.79

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

Laboratory: Laboratories are regularly maintained. Records of equipment are maintained in Dead-stock Register (DSR) as per the process. Equipments are maintained properly, calibrated and serviced periodically. Major breakdown maintenance if required, is

carried out by external agencies.

Library : The books and journals are maintained against disfiguring. Book binding is carried out on a regular basis for damaged books to avoid further damage.

Computers: Computer systems, UPS, Softwares and Servers are maintained by outsourced technicians, Lab Assistants and Lab-In Charges. For periodic maintenance of IT infrastructure, Annual Maintenance Contract is signed.

Classrooms, Conference Hall: Cleanliness of class rooms and International Conference hall is maintained on a regular basis. Working condition of audio system, LCD projectors etc. is checked on a regular basis.

Maintenance of other support systems: Housekeeping for regular cleanliness of corridors, washrooms, classrooms, laboratories and premises is done by external agencies. Sanitizing of washrooms is done on a regular basis. Solar Panels and power backup facilities like Generators are maintained by the Internal Electrical maintenance department. Water coolers are maintained and cleaned on a regular basis. Overhead water tanks and water coolers are cleaned periodically. Sports facilities are maintained by the sports committee and the menial staff

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://naac.sveri.ac.in/Criteria_4/4_4_2/23_24/4.4.2.pdf

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

2120

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

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

316

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

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

A. All of the above

File Description	Documents
Link to Institutional website	<u>https://naac.sveri.ac.in/Criteria_5/5_1_3/ 23_24/5.1.3.pdf</u>
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

2230

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

2230

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

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

428

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

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

23

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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

11

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

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.

02

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

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)

SVERI's COE has active Students' Council and involves students in academic and administrative bodies with the objective of providing a platform for active participation of students in academic, administrative, co-curricular, and extracurricular activities. Besides the Students' Council in College, different departmental Students' associations like MESA, ELITE, CESA, etc. also established to explore the talent of students in technical, sports, and cultural events which will also provide opportunities in the planning and execution of the various events. Different Students' Chapters like ISTE, ASHRAE, IEEE, etc. in college are functioning to enhance research, technical knowledge of students. The Institution believes in transparency in all its activities. It encourages the students' participation in administration, curricular, co-curricular and extra curricular activities, by involving them to be part of many of the committees such as

1. Anti-ragging Committee

2. Internal Complaint Committee

3. Grievance Redressal Committee

4. Sports' Committee

5. Cultural Committee

6. Internal Quality Assurance Cell (IQAC)

7. National Service Scheme (NSS) Committee

8. Food & Mess Committee.

Thus, the students of the Institution are given the opportunity to participate in variousAdministrative, Academic, Co-Curricular, and Extra-Curricular Activities of the Institution.

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

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

31

File Description	Documents
Report of the event	[View File](#)
Upload any additional information	**No File Uploaded**
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)	[View File](#)

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

SVERI's COE has a registered alumni association with the registration number F21873 Solapur dated 08/11/2008. Alumni Association has two levels of bodies i.e. Executive Body and General Body. Executive body consists of nine members who are responsible for decision making and policy implementation. General Body consists of more than 4000 members. Executive body meets at least three times in a financial year whereas general body meets at least one time in a financial year. Alumni association and its members support institute in many ways. The Alumni Association supported financially by providing a Research Seed Money Grant of Rs.100000/- for a project. The alumni are members of academic planning to suggest various events to be scheduled for the academic year. They give feedback on various programs of the institute from time to time and suggestions are implemented for the academic and infrastructure development. The alumni visit our institute to guide the students for numerous occasions and give suggestions for final year students' projects. The alumni interact with the students and share the knowledge about recent technological developments in the industries and guide them for higher studies and job opportunities. The alumni motivate the students to become entrepreneurs and guide them about the facilities to be availed from the Government to establish small scale industry

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)   D. 1 Lakhs - 3Lakhs

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 and in tune with the vision and mission of the institution

The Institute's Vision and Mission focus on:

National Recognition: The Institute has achieved recognition from NBA, NAAC, and ISO 9001:2015 for quality education. It strives for continued excellence and was awarded Best College at the university level

Academic Excellence: The Institute's unique 'Pandharpur Pattern in Professional Education' (PPPE) is tailored to student needs, resulting in outstanding academic results, university rankers, and strong placements.

Research: The Institute fosters a research culture among faculty and students, with initiatives that include awards and incentives. Multiple MoUs and research grants from prestigious organizations underscore this commitment.

Personal Touch and Respect: Emphasizing 'Give respect and take respect,' the Institute promotes one-on-one mentoring through proctor sessions, daily calls to parents of absent students, and regular meetings.

Governance: Established in 1998 by Shri Vithal Education and Research Institute, led by Founder Secretary Prof. Dr. B.P. Ronge, the Institute is managed by a Board of Governors, including academics and industry experts.

Teacher Participation: Teachers engage actively in decision-making, attending staff meetings at each semester's start and contributing to various statutory committees.

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_6/6_1_1/23_24/6.1.1.pdf
Upload any additional information	No File Uploaded

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

The Institute strongly upholds and practices the principle of decentralization and participatory management. This commitment is evident through the systems and processes it follows.

- The Institute has established and effectively implemented decentralization through its comprehensive "System Manual." This

document clearly outlines the roles, responsibilities, and delegated authorities for every member of the Institute.

- At the start of semester, general meetingare conducted, during which significant decisions regarding the Institute's operations are made and policies are formulated.

- Cross-functional staff committees are formed during these meetings to enhance the Institute's functioning. Each committee is led by a coordinator who has the authority to make decisions relevant to their team, in consultation with members, and execute them with the approval of the head of the institution.

- Policies and practices are developed through comprehensive brainstorming sessions that involve management, the Principal, Deans, faculty, and students. These discussions lead to collective decision-making.

- Participatory management is promoted through various committees and stakeholder engagements, including meetings with the Students' Council, Parents Meet, etc.

- Faculty members and students are part of the statutory and non-statutory committees constituted at central level and actively engage in the decision making process of the organization.

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_6/AQAR/System%20Manual.pdf
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has created a detailed Perspective Plan for growth covering six key areas from 2022-2023 to 2026-2027:

1. Infrastructure and Modernization The plan includes expanding facilities by adding new floors to the multipurpose building and constructing staff quarters and guest house. Improvements will also be made to classrooms, labs, libraries, toilets, canteen, hostel mess, medical facilities, and workshops.

2. **Academics** The focus is on implementing the National Education Policy (NEP) 2020, gaining academic autonomy, supporting entrepreneurship, increasing internships, starting a PG program in Electrical Engineering, introducing new courses, and setting up an MCA department.

3. **Research & Development and Outreach** Plans include creating a Centre of Excellence, building research partnerships, forming student clubs, working with industries on live labs, and promoting industry-focused research and consulting.

4. **Industry Collaboration and Entrepreneurship** This involves partnering with industry for training and projects, promoting startups, enhancing the Tinkering Lab, and setting up industry-relevant labs.

5. **Human Resource Development** The Institute will offer training programs for faculty and staff, focus on skill development, and conduct wellness activities.

6. **Student Support and Development** The goal is to provide skill-based courses, support for competitive exams, boost participation in events, and enhance exchange programs, promoting holistic student growth.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://coe.sveri.ac.in/naac/
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 trust Shri Vithal Education and Research Institute was established in 1994-1995 by 15 technocrats with a vision to bring technical education to rural regions.

Administrative Structure

- The Board of Governors (BOG) serves as the principal governing body of the Institute, comprising distinguished academicians, industry experts, and researchers.

- In addition to the BOG, several statutory committees contribute to the Institute's academic and administrative oversight. These include the College Development Committee, Standing Committee, Research Advisory Committee, Academic Advisory Committee, Anti-Ragging/High-Level Standing Committee, and the Students' Council.

- The Principal acts as the head of the Institute, responsible for managing academic and administrative functions. Key areas of administration are managed by specialized Deans: Dean Administration, Dean Students, Dean, Training & Alumni Affairs, Dean, Placement & Corporate Affairs, Dean Academics, and Dean Research & Development, Dean Publicity and Protocol.

Appointment and Service Rules

- Staff requirements are determined using a roster system aligned with AICTE and affiliating university norms. Job vacancies are advertised in prominent newspapers, followed by an interview process.

- An adequate Student-Faculty Ratio through an institutional-level appointment process as per AICTE guidelines. Service rules are aligned with regulatory standards and statutes of the affiliating university.

- These regulations are compiled comprehensively in the Human Resource Manual.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	https://coe.sveri.ac.in/downloads/OrganizationChart.pdf
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	View File
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Welfare Measures for Teaching Staff:

A) General:

1. Provident Fund facility for the eligible staff members

2. Group Medical Insurance facility for all its staff members

3. Gratuity to its eligible staff members

4. Maternity leave facility

5. Duty leave for attending conferences, seminars, symposium

6. In case of illnesses and disease for treatment and recuperation

Medical leave is givento eligible faculty members.

7.The institute provides Free hostel facility for the faculty members.

B) Awards / Incentives:

1. The institute provides reimbursement of expenses towards registration, travel by train/air and accommodation for attending various Faculty Development Programs, Conferences in India and abroad.

2. Part of Faculty Skill Certification and Patent fees are fully borne by the Institution.

3. For faculty engaged in consultancy work Proportional monetary compensation is given based on the contractual value of work.

4. To promote research aptitude the institute gives awards and incentives for publications in reputed journals and books.

Welfare Measures for Non-Teaching Staff:

1. Provident Fund for the eligible staff members.

2.Residential facility in the campus.

3.Group Medical Insurance facility to staff members.

4.Maternity leave facility to eligible staff members.

5.Free uniforms.

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

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

90

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)	View File

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

13

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	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

146

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

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

The Performance Appraisal System adopted by the institution is multi-pronged and carried out at various touch points as mentioned below:

- **Students' feedback is taken by the Dean Academics during each semester, with a component designed to assess particular staff member's lecture, content delivery, syllabus completion status, and general behavior etc.**
- **HODs also assess the performance of staff members based on competency matrices.**
- **A well defined Performance Appraisal System is implemented in the institute.**
- **A system of Self Appraisal is followed in which a well designed appraisal form is filled by the respective staff member, which contains various components for appraisal like Performance in Engaging Lectures/Practicals, Performance in Attendance of Students, Performance in Results, Other Performance Indicators like Class Room Planning and Control, Evaluation of Laboratory Work/ Assignments, Curriculum / Learning Resources Development, Seminars/ Training- Co curricular Activities, Administrative Functions**

Appraisal System/Policy for Non-teaching Staff:

- **The performance of Non-teaching staff is assessed in every academic year on the basis of a performance appraisal form akin to teaching.**
- **It consists of appraisal components like Professional Competence, Performance, Personal Characteristics, etc File**

Description Documen

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	<u>View File</u>

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

The institute maintains robust financial integrity through a comprehensive system of internal and statutory audits, conducted in compliance with the provisions of the Income Tax Act. The parent trust appoints auditors who perform regular audits, covering various financial and operational areas. These include maintaining financial records, workload audits, capital expenditure, repairs and maintenance, statutory compliance, system implementation, and reviewing accounting processes like student fee collection and reconciliation.

This dual-level audit process helps the institute systematically evaluate and improve the financial procedures, with thorough checks and verifications conducted annually. The audits ensure adherence to institutional policies and procedures, and the auditors' recommendations are promptly implemented.

Internal Audit: An internal auditor appointed by the institute performs biannual audits. These audits involve detailed examination of fee receipts, payments, vouchers, and related documents to ensure all transactions are properly authorized. The internal auditor's report is reviewed by the management.

External Audit: A practicing Chartered Accountant's firm, led by Mr. A.P. Kaulwar, conducts the statutory audit at the end of each financial year. The external audit verifies compliance with all financial regulations and ensures thorough examination of the institute's accounts. The institute has had no audit-related objections over the past five years, reflecting its commitment to sound financial practices.

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

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)

20

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)	[View File](#)

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

Mobilisation of Funds: The Institute is private as well as unaided and it solely depends upon students' fees majorly, for its requirements. Amount of fees to be charged from the students is fixed by the Shikshan Shulk Samiti (The Fee Regulating Body of Government). The fee amount is deposited inbanks as short term deposits. The fees and the interest earned from the deposits are utilized for the development of the college and towards recurring expenses like salaries, maintenance etc. Various types of Government Scholarships received from the Samaj Kalyan Office (Social Welfare Office) of the Government are similarly utilised. Consultancy revenue generated by various departments is another source of revenue. Optimal Utilization of Resources: The effective and efficient use of available financial resources is monitored through the budget. Taking into consideration all the department wise budgets, a college level budget is prepared. This budget is put for the final approval to the Board of Governors. Monthly budget utilization is submitted by each of the departments. This keeps a further check on them to ensure funds are utilized effectively. Any additional requirements that arise due to

unforeseen expenditure are put forth to the management for approval.

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

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

IQAC has contributed significantly for institutionalizing the below mentioned quality assurance strategies and processes.

*Teaching Learning Process

1. Certificate Courses/Add-on Courses in every Semester

2.Feedback Mechanism

3. Innovative Teaching Learning Methods

4. Outcome Based Education

5. Organizing Expert lectures/Seminars/Webinars for students

6. Special attention towards slow learners and advanced learners also

*Orientation Program

1. Conducting orientation for newly admitted i.e. First year and DSY students

2. Conducting orientation for faculty members

*Faculty development and empowerment

1. Organizing FDPs/STTPs/Workshops

2. Motivating faculty members for attending FDPs/STTPs/Workshops Financial assistance for faculty members for attending National/International Conferences Rewards for faculty members for

publishing papers in SCOPUS/WOS journals

3. Financial assistance for Patent filing

*Student development

1. Research Culture promotion amongst students

2. Organizing training programs for students (soft skills, life skills and placement related, etc.)

3. Organizing industrial visits, mock interviews, guest lectures, career counseling classes, workshops, personal counseling, bridge courses, yoga and meditation classes for students

4. Promoting various students chapters like IEEE, ISTE, ASHRAE, etc.

5. Engaging students in various NSS activities and extension activities

6. Alumni engagement

Other Quality Initiatives

1 Applying for Autonomy.

2. NBA Accreditation

3. Academic and Administrative Audit (AAA)

4.Participation in NIRF

5 Standardization in Documentation

6. Use of alternative energy sources and energy conservation.

File Description	Documents
Paste link for additional information	https://coe.sveri.ac.in/naac/iqac-meetings/
Upload any additional information	No File Uploaded

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

The institution, under the guidance of the Internal Quality Assurance Cell (IQAC), periodically reviews and enhances its teaching-learning processes, operational structures, and methodologies, ensuring alignment with desired learning outcomes. Documented improvements highlight significant contributions in fostering innovation and academic excellence.

1. Organization of Workshops and Seminars: The institute has conducted 37 workshops and seminars on diverse topics, promoting innovation, entrepreneurship, and skill enhancement. The topics include Essential Steps in Product Development, Design Thinking & Innovation Design, IPR Roadmap, Problem Solving and Ideation, The Lean Startup, and Advanced Industrial Automation and Control. These activities enrich participants' knowledge in intellectual property rights, research methodologies, programming, and emerging technologies, preparing them for academic and professional challenges.

2. Certificate/Add-On Courses: The institute has organized 27 certificate courses on recent topics to equip students with contemporary skills. In addition to the same, students are motivated for participation in NPTEL courses and Students have participated in 17 NPTEL Courses.

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

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	https://coe.sveri.ac.in/naac/iqac-meetings/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	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

Institute is taking key efforts to bring the gender equity through various curricular and co-curricular activities. Institute has built culture to bring equity among the students by taking following efforts: College dress code is compulsory for all students and staff. Secured girls hostel with 24*7 female wardens. "Wing Warden" committee Sessions related to woman safety viz., self-defense, cyber crime and health & nutrition. Posters of "Damini Pathak" and Gramin Police Station, Pandharpur along with helpline number are displayed at all the prominent places in the Campus. Institute is taking care of safe and secured environment through the following initiatives: Safety and security: Campus Safety Measures and Emergency Handling: Trained security personnel who are highly committed. CCTV surveillance Fire Extinguishers, Fire Hydrants and First-Aid kits College vehicle is available in the campus for medical emergency For medical assistance, the Doctor is also availablein the Institute premises Anti-Ragging Activities: Anti-Ragging Cell conducts awareness programs and drives. Anti-ragging posters are displayed at all prominent places. Anti-Ragging squad is formed to visit hostel premises randomly.

File Description	Documents
Annual gender sensitization action plan	https://naac.sveri.ac.in/Criteria_7/7_1_1/23_24/7.1.1.A.pdf
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	https://naac.sveri.ac.in/Criteria_7/7_1_1/23_24/7.1.1.B.pdf

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

File Description	Documents
Geo tagged Photographs	View File
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

The Institute is committed to creating an eco-friendly campus. The campus is kept clean & tidy with full of greenery. Solid waste management: Solid waste is collected separately as dry and wet waste at the source. Biodegradable wastes are collected and treated to convert them into composts, which are used for campus greeneries. Non-biodegradable wastes generated are collected and safely disposed of through Municipal Corporation. The recyclable wastes are collected and supplied to the local recycling vendors. Liquid waste management: Institute has installed Sewage Treatment Plant in the campus. The treated water is utilized for campus greeneries. E-waste management: Institute has a systematic protocol to manage the e-waste. At the end of useful life, the computer peripherals are collected from different locations of the campus and disposed through e-waste collectors. Waste recycling system: Institute has installed Biogas Generation Plant with a capacity of one tone in order to dispose solid waste like mess food, green waste etc and biogas is used for the mess. Waste water

is reused for gardening. Chemicals waste management: The Sanitary Landfill method is used for the disposal of the chemical waste.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	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
Geo tagged photographs / videos of the facilities	View File
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: A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
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 institution as "SVERI family" shows immense pleasureand responsibility in the aspect of tolerance and harmony in thefields of culture, linguistic, communal socio-economic andother diversities.Respect and Care are the core values of the Institute. TheInstitute has a well-established cultural team to maintain harmony among all the cultural, regional and linguisticactivities by organizing various events. The institute practices a pluralist approach towards allreligious functions and encourages the students andemployees to showcase the same. Institute publishes Annual Magazine entitled as 'Explorer'wherein one section is exclusively devoted for literature indifferent languages other than Hindi & English. Institute celebrates the birth ceremonies of all the leadersand iconic persons. On the occasion of Ashadhi Wari inPandharpur, Institute participates and contributes to'Nirmal Wari Nisarg Wari'.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
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 Institution organizes various activities for sensitization ofthe students and employees for inculcating values, rights, dutiesand responsibilities for being responsible citizens of India. Institute celebrates the birth anniversary of great Indian kingChatrapati Shivaji Maharaj, to recollect his scarification &dedication towards our nation. Institute also celebrates the birthanniversary great leaders like Sardar Vallabhbhai Patel, Dr. B. R.Ambedkar, Savitribai Phule, Mahatma Gandhi etc to make thestudents aware of their contribution to shaping the country.Eminent speakers are invited to speak on these occasions. Institute celebrates Lokshahi Pandharavdha, Voter's Day, MOCKParliament to create awareness among students about differenthuman rights and responsibilities of Indian citizen and nationalintegration to protect fundamental rights, whichwill create anopportunity to live together in peace and prosperity.

Institute organizes "Swacchata Hich Seva" to create awarenessabout cleanliness in and around the Campus. Institute organizes"Nirmal Wari Abhiyan" to maintain the cleanliness and hygienearound the Pandharpur, as a huge number of devotees visit this holy place every year. In addition, the institute also organizes blood donation camps toencourage students to contribute to public health. Institutecelebrates Independence Day and Republic Day, every year.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://naac.sveri.ac.in/Criteria_7/7_1_9/23_24/7.1.9.pdf
Any other relevant information	Nil

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

File Description	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 programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

Institute celebrates National and Internationalcommemorative days, events and festivals with a view topromoting patriotism, concern for the community, humanvalues, inclusiveness and a spirit of camaraderie. Celebrations on commemorative days such as Dr. B. R.Ambedkar Jayanthi, Independence Day, Republic Day, MarathiBhasha Divas, Sadbhavana Diwas, Rashtriya Ekta Diwas etc.are being observed to nurture the spirit of nationalism,oneness, national integration, respect for diversity. Raksha Bandhan is a popular, traditionally Hindu annualrite, or ceremony. Institute celebrates it in a differentway by helping society. Institute celebrates Teachers' Day on 5th September andEngineers' Day on 15th September every year. Gandhi Jayanti and Lalbahadur Shastri Jayanti are celebratedon the 2nd October of every year to remember their sacrificetowards the nation. For empowering women, Institute celebrates the birthanniversary of Savitribai Phule every year and InternationalWomen's Day, every year. Shiv Jayanti is celebrated on 19th February every year. Onthis day, Institute organizes blood donation camps & variousexhibitions for showcasing students' artistic talents. Holi, the festival of colors is also celebrated in thepremises of hostels. International Yoga Day is celebrated on 21st June, every year.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
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.

Best Practice 1: Promoting Research Culture among Students

Students are motivated to publish research outcomes from their mini-projects and major projects in national and international conferences and journals. They are also encouraged to showcase their work in project exhibitions at university, state, and national levels. The Internal Quality Assurance Cell (IQAC) closely monitors student participation in state and national-level symposiums and conferences.

Recognizing the value of innovation, students are guided and supported in filing patents based on their research contributions. These initiatives have significantly increased student participation in research activities, resulting in a notable rise in presentations at conferences and publications in journals.

Best Practice 2: Education efforts for enhancing performance of admitted students through night study sessions.

Our institution has introduced night study sessions, offering a focused and quiet atmosphere conducive to learning.These sessions are conducted in the library and designated study halls equipped with essential resources, including textbooks, computers, and internet access. Faculty members and teaching assistants supervise the sessions, providing academic support and mentorship. Additionally, peer study groups are encouraged to facilitate collaborative learning. The night study sessions run from 8:30 PM to 11:00 PM, allowing students to make productive use of their evenings.

As a result of this initiative, there has been a marked improvement in student grades and overall academic performance. This progress is clearly reflected in a comparative analysis of performance metrics before and after the implementation of the night study sessions.

File Description	Documents
Best practices in the Institutional website	https://coe.sveri.ac.in/iqac/BP2023-24.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Societal Connect Through Technology:

SVERI's College of Engineering, Pandharpur is committed to social welfare and understands its responsibility towards the development of society. The institute is located in the vicinity of rural areas and it strives to improve the socio-economic condition of the region. Looking towards these aspects, the institute has built societal connect through various societal activities as follows:

Rural Human and Resource Development Facility (RHRDF)

- **CILLAGE- The concept of CILLAGE is a knowledge-based ecosystem for integrated education, research, technology development and deployment, and capacity building in rural areas.**
- **Exhibition of Technology Developed by BARC and SVERI during Ashadhi-Wari**
- **ICT Enabled School Education- In addition to this, institute strives to bridge the gap between urban and rural areas by strengthening and empowering the villages through education & ICT by linking them with RHRDF at SVERI campus.**

Gram Visit Program :

- **Water Conservation Activities**
- **Holistic Management of Temple Catering to Floating Population**
- **Technical Consultancy Support**

Encouragement to Rural Students

- **Kimaya Abhiyantriki Tantradnyanachi (KAT)**
- **Science Orientation Programme**
- **Technical Education Exposure Sessions**

Techno-Societal Activities

- **Techno-Societal Conference**

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 Pandharpur Pattern in Professional Education (PPPE) emphasizes effective curriculum delivery to ensure the holistic development of both students and faculty members, contributing to higher academic standards. The following process illustrates how the Institute implements this framework:

1. Academic Calendar Preparation: An academic calendar is devised before the start of each academic year, providing a structured approach for planned activities and timelines.

2. Academic Planning Meetings: Prior to each semester, a meeting involving all staff members is held for academic planning and effective curriculum implementation.

3. Teaching Load Distribution and Timetable Preparation: Based on faculty members' areas of specialization, skills, experience, and subject preferences, teaching loads are distributed, and timetables are prepared by HODs in consultation with the Dean of Academics.

4. Course File and Faculty Diary Preparation: Aligned with the syllabus and institute guidelines, each subject teacher prepares a course file and maintains a faculty diary, which undergo periodic reviews.

5. Student-Centric Methods and ICT Tools: Subject teachers adopt various student-centric teaching methods and ICT tools to effectively deliver content.

6. MOOCs and Online Learning: Faculty members and students participate in online learning platforms like NPTEL, Infosys Springboard, LinkedIn Learning, etc., to enhance their skills and knowledge.

7. Feedback Mechanism: A structured feedback mechanism helps identify gaps, which are communicated to the affiliated University for possible curriculum modifications.

Outcomes: Effective implementation of the PPPE has led to students securing ranks in the University Merit List and achieving excellent overall academic results.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

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

The Institute follows a comprehensive approach to academic planning, guided by the affiliated University's guidelines. A well-structured Institute Academic Calendar is prepared before the commencement of each academic year, which serves as the reference for creating individual Department Academic Calendars. This systematic planning ensures the smooth and effective implementation of the curriculum. Key aspects of the Academic Calendar include:

1. **Teaching Period: A 90-day teaching period is planned to guarantee 100% syllabus coverage for both theory and practical sessions. Faculty members align their teaching plans with this schedule to ensure consistent progress.**

2. **Assessment Schedules: The calendar outlines specific dates for In-Semester Examinations, Unit Tests, Lab Tests, and result declarations, ensuring a structured assessment and evaluation process throughout the semester.**

3. **Curricular Activities: Industrial visits, certificate courses, and other curricular engagements are organized at the start of the academic year and are incorporated into the calendar to enhance students' practical learning experiences.**

4. **Extracurricular Activities: A diverse range of extracurricular activities, events, and day celebrations are also included, promoting students' overall development and active participation.**

5. **Monitoring and Execution:** Committees are formed to oversee the execution of teaching-learning processes, ensuring adherence to the academic schedule. Regular reviews are conducted to monitor progress and address any deviations, which are subsequently managed by the concerned authority to maintain alignment with the calendar.

This structured approach fosters effective curriculum delivery, enriching both the academic and overall student experience while ensuring smooth functioning throughout the academic year.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

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	A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

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

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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)

44

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

1864

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The Institute integrates key cross-cutting issues like Gender, Environment and Sustainability, and Human Values and Professional Ethics into its curriculum to promote holistic development.

Gender: Courses on Entrepreneurship Development are included to encourage skills across genders, fostering equality in professional spaces.

Environment and Sustainability: The curriculum emphasizes environmental responsibility through subjects such as Environmental Engineering, Air Pollution and Control, Solid and Hazardous Waste Management, Energy Science & Engineering, Disaster Management, and Planning for Sustainable Development. Additionally, Environmental Science is mandatory across programs to instill a culture of sustainability.

Human Values and Professional Ethics: Courses like Professional Ethics & Human Values, Intellectual Property Rights, Business Ethics, and Human Resource Management teach moral ideals, professionalism, and effective communication. These subjects ensure students grasp the significance of ethics in their careers.

Furthermore, the institution encourages a culture of human values and ethics through community engagement activities, promoting empathy, social responsibility, and ethical conduct.

This integrated approach ensures students are well-equipped with academic knowledge, ethical practices, gender inclusivity, and environmental awareness, preparing them to be responsible professionals.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

94

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

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

1740

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	https://naac.sveri.ac.in/SubCr1412224.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	https://coe.sveri.ac.in/naac/

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

674

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

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

401

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The Institute assesses the slow and advanced learners based on the previous Examination results. In the process, it is ensured that slow learners should not feel targeted and isolated. It is

alsoensured that the slow learners are transferred to advanced learners' group with improvement in their performance.

Action plan for slow learners:

- Regular assignments for clearing their concepts
- About three hours are allotted to students in the evening for self-study in study hall facility.
- Practice sessions for difficult and backlog subjects
- Teachers provide simplified and focused study material

Action plan for advanced learners:

- Merit cash prizes and Medals for encouragement
- Motivation for extra and co-curricular activities
- Guidance sessions for research orientation and competitive examinations
- Free book bank facility for toppers
- Felicitation in front of various stakeholders
- Media coverage of such students' achievements and sharing with their parents through social media
- Assignment questions are distributed as per level of difficulty
- Best Outgoing Student and Best Project Awards
- Involving students in Research.
- Product Development and Consultancy activities

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_2/2_2_1/23_24/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
2619	161

File Description	Documents
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

Students' learning outcome depends on the instructional strategy used by the faculty member. Therefore, while planning for course delivery, teachers on the basis of predefined learning outcomes develop the assessment methods and then select instructional strategies that engage students in multiple activities rather than just attending classes. Following are some of the strategies employed by faculty members during their content delivery:

Experiential Learning: Mini projects Final Year Projects Internship / vocational training. Use of Virtual Labs Arranging technical activities like paper presentation, programming competitions etc. Use of visualizations like animations, videos. Exposure to advanced experimentation on research oriented equipment Teaching in the classroom and laboratories with interaction of instruments, flowcharts, models and software Expert lectures

Participative Learning: Students' participation project competitions. Students participate in various paper presentation competitions and strive for publication in journals and conferences Debates shows like Mock Parliament. Quiz solving by using platforms like quizzes.com, Google form, etc. Participation in various online courses.

Problem Solving Methodologies: Industry sponsored projects. Interdisciplinary project activities Different programming contests where students design and develop solutions to given problems Model development Design Projects

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://naac.sveri.ac.in/Criteria_2/2_3_1/23_24/2.3.1.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT tools are used for the following teaching learning activities Knowledge Enhancement and Updating: To attend

various online courses like SWAYAM, COURSERA, etc. for enhancing knowledge. To learn the contents available on various digital platforms teaching concepts. To refer e-journals and other research oriented material. Generation of Course Content: Power point presentations Video Lectures ICT tools for course delivery: Use of Google classroom: Google classroom is used for the software subjects. Visualization: Videos, Simulation, Animations etc. are applied for understanding of basic concepts. Use of Smart Boards and Tablets: Smart boards are used for the subjects where software such as AutoCAD, CATIA. Teachers use Tablets for online teaching of mathematical and drawing related courses. ERP-based CO-PO Attainment: After completion of every internal assessment, results of the assessment are updated periodically which helps to identify the progress of student and to take corrective action individually. Virtual laboratories:Virtual laboratories have facilitated various simulation studies for enabling the students to understand the technical concepts and to study effects of parameters through experimentation.Online Quiz:Google forms are used for conduction of test on multiple choice questions. Also, https://quizizz.com is applied for conducting the quizzes.

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

139

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	[View File](#)
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
Mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

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

161

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**

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

27

File Description	Documents
Any additional information	View File
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)	View File

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

913

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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.

As per the University norms, 30% marks are given to In-Semester Evaluation (ISE) whereas 70% marks are given for End semester Examination (ESE). A transparent policy has been prepared for evaluation of ISE and ICA. The ICA marks are given based on Unit Test, Lab test, Assignments, Lab books, oral examination. The tools used for ICA vary based on the type of subject. The ICA marks of project based subjects like Mini-Project, Vocational training, Final year project; seminar, etc. are given based on the rubrics with respect to respective courses. The distribution of syllabus for each evaluation tool is done and informed to students at the start of the course. The frequencies of these examinations, tentative schedule and display of results of these tools are also decided at the start of semester and informed to students accordingly. The patterns of these evaluation tools are adopted from the AICTE Examination Reform policy. Based on this policy, the performance indicators with respect to the content of the syllabus are utilized to decide the questions which arealso linked with Course Outcomes and to the Bloom's cognitive level. The ISE process has been summarized asbelow: 1. Question Paper Setting. 2. Conduction 3. Assessment 4. Result Declaration

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

Grievances about In Semester Evaluation: At the beginning of the semester, faculty members inform the students about the various components in the In-Semester Examination process during the semester. In-Semester Examination schedule is prepared as per the academic calendar and communicated to the students well in advance. The assessed answer papers are shown to the students for the verification and any grievance is redressed immediately by teachers. The marks obtained by the students in Internal tests after their verification are displayed on the department notice boards and communicated to parents. Internal Continuous Assessment (ICA) marks are given

based on various tools and are displayed on the notice board. Sufficient time is given to students to communicate their grievances to HOD. These grievances are addressed by the HOD based on the details of evaluation tool records. Grievances about End Semester Examination: End Semester Examinations are conducted by Punyashlok Ahilyadevi Holkar Solapur University, Solapur. Time table and question papers are sent by university. Assessment is done by university. Results are processed and declared by the university. If any student is not happy about marks obtained in End Semester Examination, he/she can apply for revaluation as per the norms of University.

File Description	Documents
Any additional information	[View File](#)
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.

Institute follows Outcome Based Education (OBE) system. The Process of defining of Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) involves various stakeholders. Pos and PSOs POs are designed by taking into consideration the attributes required for Engineering graduates like domain competency, environment and sustainability, ethics, team work, communication, project management and finance and lifelong learning. On the basis of the specialization of the field PSOs are framed by the department. The approved POs and PSOs are published and disseminated by displaying/ printing/ noting as per the details given below: Institute Website Entrance of the Department HOD Cabin Classrooms and Laboratories Course Files of Teachers Notebooks of students Lab books and Assignment Books of Students Faculty Diary Course Outcomes: Course Expert defines Course Outcomes based on University Syllabus and Bloom's Taxonomy. The COs are aligned with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). Dissemination of Course Outcomes (COs): The Course Outcomes of all the subjects are made available through various means as given below: Institute Website Laboratory Notice Board Course Files of Teachers Faculty Diary Notebooks of the students Assignment and Lab books of the students

File Description	Documents
Upload any additional information	[View File]
Paste link for Additional information	**Nil**
Upload COs for all Programmes (exemplars from Glossary)	**No File Uploaded**

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

The CO-PO mapping index is utilized to obtain PO attainment from the values of CO attainments of the courses under the particular programme. The CO-PO mapping is indexed as Not Applicable (NA), Low (1), Moderate (2) and High (3). Attainment of CO: The levels of CO attainment are calculated on the basis of internal assessment conducted at institute level and external assessment conducted by the University. The CO attainment tools depend on the type of course viz. for theoretical subjects- ISEs, lab tests,Assignment, etc. The target level for the internal assessment tools is 60% of total marks whereas target level of external assessment tools is passing percentage marks. The total CO attainment is calculated by giving 20% weightage for internal assessment tools whereas 80% weightage for external assessment tools. Attainment of POs: The overall attainment of POs is computed by adding direct attainment and indirect attainment values in the proportion of 80:20, respectively. The PO attainment is weighted average of COs based on the weights as CO-PO mapping index. The indirect attainment of POs is obtained based on various surveys and feedbacks. The target levels for the indirect assessment tools are usually set as 60% of total marks.

File Description	Documents
Upload any additional information	[View File]
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

724

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	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://coe.sveri.ac.in/naac/student-satisfaction-survey/

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)

3786.35

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

13

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

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

04

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

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

The institution fosters a robust ecosystem for innovation and knowledge transfer through its dedicated research and development initiatives. Key contributors to this ecosystem include the Research and Development Cell, Institutions Innovation Council (IIC), SVERI's SOBUS Centre of Excellence, and the Entrepreneurship Development Cell (EDC). These entities work collaboratively to inspire and facilitate innovative thinking among students and faculty members, promoting the creation of novel ideas and products tailored to societal needs.

The institution emphasizes promoting innovation through initiatives like the Intellectual Property Rights (IPR) Cell, which encourages patenting and protects intellectual contributions. The IIC and EDC focus on nurturing entrepreneurship by providing resources, mentorship, and

platforms for budding entrepreneurs. The Centre of Excellence and advanced research infrastructure serve as hubs for technological exploration, enabling hands-on exposure to cutting-edge technologies.

Institute has 48 functional MoUs for various collaborative activities. To facilitate transfer of knowledge, the institution organizes workshops, Faculty Development Programs (FDPs), Short-Term Training Programs (STTPs), and international conferences regularly. These events build synergies among academia, industry, and the community, while strengthening industrial interactions and enhancing entrepreneurial capabilities. This holistic approach ensures the institution remains a vibrant hub for research, innovation, and knowledge dissemination.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://coe.sveri.ac.in/research/

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

37

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

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

05

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)	[View File](#)
Any additional information	[View File](#)

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

119

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

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

84

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

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

In the academic year 2023-24, a wide range of extension activities were organized to sensitize students to social

issues, promoting their holistic development. These activities, conducted in collaboration with local communities, government bodies, and NGOs, focused on key themes such as environmental awareness, health, social justice, civic responsibility, and education.

Programs like World Environment Day, Chandrayan-3 Celebration, and the Cleanliness Drive during Ashadhi Wari focused on environmental sustainability and cleanliness. The Voter Awareness Campaign and Path Natya highlighted the importance of civic engagement and responsible voting. Health initiatives such as Yoga Day and the Fit India Freedom Run encouraged students to adopt healthy lifestyles. Additionally, programs like Digital Detox Day and the NEP Week promoted awareness about technology use and educational reforms.

These activities provided students with opportunities to engage directly with their communities, developing leadership, communication, and problem-solving skills. They also fostered a sense of social responsibility, encouraging students to contribute positively to society. The extension programs not only enhanced students' academic learning but also nurtured their personal growth, preparing them to be responsible, empathetic citizens. Overall, these initiatives had a lasting impact on both students and the local community.

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_3/3_4_3/23_24/3.4.3.pdf
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

06

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

46

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

2237

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

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

935

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

48

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

Classrooms Facilities: Well-equipped 37 Class rooms which are ICT enabled equipped with LCD projector; Internet connectivity, ICT enabled two seminar halls and one International Conference

Hall with Public Address System and CCTV Cameras.

Laboratories' Facilities: 49 well equipped laboratories with adequate instruments/ equipments. Five Smart Boards in the laboratories to ensure effective interactive learning Research labs with modern engineering tools like LASER cutting machine, 3D printing Machine, Rapid-I Vision System, CNC Micro-Station, 3-D Photo-Chemical Machining, etc. Central workshop with CNC and VMC.

Computing Facilities: Total 780 computers (Intel Pentium Core i3 and Core i5 with minimum 4GB RAM), 11 Servers (powerful Intel Xeon processors), 08 Laptops, 71 Printing facilities along with one plotter, 10 scanners and HDDs Internet connectivity of 1Gbps (1024Mbps) speed and Wi-Fi connectivity .The MOOCs, Virtual Lab, Spoken Tutorial, NPTEL Videos, Webinars etc. are also used to enrich teaching-learning process .

Other Facilities: Boys Hostel and Girls hostel for the boarding of students Faculty members have separate/shared faculty rooms. 11KV with transformer of 500 KVA connected to MSEB power station directly. Roof Top Solar Power Plant with capacity of 400 kW.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.youtube.com/watch?v=xQIAFRj2EZE

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

Cultural: Open-Air Amphitheatre having capacity to accommodate around two thousand five hundred students at a time which is utilized for conducting the various cultural and other events. Institute organizes different events/functions every year such as OLYMPUS (National Level Event), Teachers Day, Engineer's Day, Shiv-Jayanti, Dr. Ambedkar Jayanti, etc. Students organize events such as Mock Parliament/Mock Security Council and Street Play to create awareness about social issues and focus on some of them. Students also participate in Engineer's Youth Festival.

Sports: Playgrounds for games such as Basketball, Volleyball, Kho Kho, Football Indoor sport complex with all facilities for various sport games like Carom, Badminton, Table-Tennis,Chess, etc. Separate Sports Room with adequate sports material Gymnasium Facility: Separate Gymnasium with 1200 sq. ft. area for Boys and girl students. Gymnasium is well equipped with Leg Press Machine, Declined Bench, Standing Calf Machine, Forearms Machine, T Bar Machine, Cross Over Pulley, Treadmill Machine (Running Machine), Abdomen Bench, Swiss Ball, Dumbbell Set, Preacher Curl Machine, Cycling Machine .

Yoga and Pranayama: The session for 'Pranayama' is made a part of daily timetable to promote relaxation and mindfulness keep themselves mentally strong. Institute celebrates International Yoga Day on 21st June of every year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.youtube.com/watch?v=WNyVVRDK-tA](#)

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

37

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	[https://www.youtube.com/watch?v=y6bwq8DkaCM](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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)

160.17

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template	[View File](#)

4.2 - Library as a Learning Resource

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

Sr. No.

Parameter

Software

1.

Library Management System

R-Work

2.

Name of ILMS software

R-Work

3.

Nature of automation

Fully Automated

4.

Version

1.0

5.

Year of automation

2019

The Central Library of the college has a special place for higher learning and research. The library occupies a total carpet area of about 1522.48 Sq.mt. having spacious stack-rooms and reading halls with a seating capacity of 360 students at a time.The library has different sections like Boys reading room, Girls reading room, Digital library section, reference section, book issue/return section, periodicals section.

This ILMS software provides different modules including book search, books issue/return management console for students as well as of faculty member, student profile, etc. This software helps to manage library book database and also to maintain daily transactions. On the other hand, library users can search books available in the library and its status about availability and also their book transactions through mobile or computer remotely.

The Central library hasDigital Library Section with1Gbps internet connectivity which enables students and staff members to access DELNET, Elsevier E- Journals, E-Books, Online-Open-SourceJournals and NPTEL Lectures. Open Public Access Catalogue (OPAC) Software is availablefor personal assistance to each user while accessing the library books. Barcode system is implementedfor all books in the library.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://naac.sveri.ac.in/Criteria_4/4_2_1/23_24/4.2.1.pdf

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

resources

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

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)

15.02

File Description	Documents
Any additional information	View File
Audited statements of accounts	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 - 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

237

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The Institute has strong IT infrastructure and upgrades it regularly to cope up with the contemporary technical requirements.

IT Facilities: Institute has 37ICT enabled classrooms, two Seminar Halls and one International Conference Hall with LCD projectors, Smart Boards, LAN, Wi-Fi and well-equipped 49laboratories. The institute has high configured 11 Servers (powerful Intel Xeon processors), 08 Laptops, 71 Printing facilities along with one plotter, 10 scanners and 10 HDDs and total 626 computers. Dedicated 1 Gbps Leased Line with NKN Connectivity. Cisco ASR1002 Router is installed to connect 1 GBPS dedicated leased line internet connectivity. Dual band Wi-Fi system in entire campus. Campus is under full CCTV Surveillance with total 950 HD IPCameras, Biometric attendance system is employed for staff members

Network Management software: Sophos 750XG Firewall with Full guard Plus Subscription has been installed to protect all servers from outside attacks. Upgradation of IT Facilities: The Internet bandwidth is upgraded time to time as per requirement and the technology is also constantly updated The hardware routers and servers upgraded regularly to match higher data speed demand. For periodic maintenance of IT infrastructure, Annual Maintenance Contract is signed.

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

4.3.2 - Number of Computers

780

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

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)

776.79

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

Laboratory: Laboratories are regularly maintained. Records of equipment are maintained in Dead-stock Register (DSR) as per the process. Equipments are maintained properly, calibrated and serviced periodically. Major breakdown maintenance if required, is carried out by external agencies.

Library : The books and journals are maintained against disfiguring. Book binding is carried out on a regular basis for damaged books to avoid further damage.

Computers: Computer systems, UPS, Softwares and Servers are maintained by outsourced technicians, Lab Assistants and Lab-In Charges. For periodic maintenance of IT infrastructure, Annual Maintenance Contract is signed.

Classrooms, Conference Hall: Cleanliness of class rooms and International Conference hall is maintained on a regular basis. Working condition of audio system, LCD projectors etc. is checked on a regular basis.

Maintenance of other support systems: Housekeeping for regular cleanliness of corridors, washrooms, classrooms, laboratories and premises is done by external agencies. Sanitizing of washrooms is done on a regular basis. Solar Panels and power backup facilities like Generators are maintained by the Internal Electrical maintenance department. Water coolers are maintained and cleaned on a regular basis. Overhead water tanks and water coolers are cleaned periodically. Sports facilities are maintained by the sports committee and the menial staff

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://naac.sveri.ac.in/Criteria_4/4_4_2/23_24/4.4.2.pdf

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

2120

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

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

316

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

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

File Description	Documents
Link to Institutional website	https://naac.sveri.ac.in/Criteria_5/5_1_3/23_24/5.1.3.pdf
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

2230

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

2230

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

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

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

428

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

23

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

11

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

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.

02

File Description	Documents
e-copies of award letters and certificates	View File
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)	View File

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)

SVERI's COE has active Students' Council and involves students in academic and administrative bodies with the objective of providing a platform for active participation of students in academic, administrative, co-curricular, and extracurricular activities. Besides the Students' Council in College, different departmental Students' associations like MESA, ELITE, CESA, etc. also established to explore the talent of students in technical, sports, and cultural events which will also provide opportunities in the planning and execution of the various events. Different Students' Chapters like ISTE, ASHRAE, IEEE, etc. in college are functioning to enhance research, technical knowledge of students. The Institution believes in transparency in all its activities. It encourages the students' participation in administration, curricular, co-curricular and extra curricular activities, by involving them to be part of many of the committees such as

1. Anti-ragging Committee

2. Internal Complaint Committee

3. Grievance Redressal Committee

4. Sports' Committee

5. Cultural Committee

6. Internal Quality Assurance Cell (IQAC)

7. National Service Scheme (NSS) Committee

8. Food & Mess Committee.

Thus, the students of the Institution are given the opportunity to participate in variousAdministrative, Academic, Co-Curricular, and Extra-Curricular Activities of the Institution.

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

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

31

File Description	Documents
Report of the event	[View File](#)
Upload any additional information	**No File Uploaded**
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)	[View File](#)

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

SVERI's COE has a registered alumni association with the registration number F21873 Solapur dated 08/11/2008. Alumni Association has two levels of bodies i.e. Executive Body and General Body. Executive body consists of nine members who are responsible for decision making and policy implementation. General Body consists of more than 4000 members. Executive body meets at least three times in a financial year whereas general body meets at least one time in a financial year. Alumni association and its members support institute in many ways. The Alumni Association supported financially by providing a Research Seed Money Grant of Rs.100000/- for a project. The alumni are members of academic planning to suggest various events to be scheduled for the academic year. They give feedback on various programs of the institute from time to time and suggestions are implemented for the academic and infrastructure development. The alumni visit our institute to guide the students for numerous occasions and give suggestions for final year students' projects. The alumni interact with the students and share the knowledge about recent technological developments in the industries and guide them for higher studies and job opportunities. The alumni motivate the students to become entrepreneurs and guide them about the facilities to be availed from the Government to establish small scale industry

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

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 and in tune with the vision and mission of the institution

The Institute's Vision and Mission focus on:

National Recognition: The Institute has achieved recognition from NBA, NAAC, and ISO 9001:2015 for quality education. It strives for continued excellence and was awarded Best College at the university level

Academic Excellence: The Institute's unique 'Pandharpur Pattern in Professional Education' (PPPE) is tailored to student needs, resulting in outstanding academic results, university rankers, and strong placements.

Research: The Institute fosters a research culture among faculty and students, with initiatives that include awards and incentives. Multiple MoUs and research grants from prestigious organizations underscore this commitment.

Personal Touch and Respect: Emphasizing 'Give respect and take respect,' the Institute promotes one-on-one mentoring through proctor sessions, daily calls to parents of absent students, and regular meetings.

Governance: Established in 1998 by Shri Vithal Education and Research Institute, led by Founder Secretary Prof. Dr. B.P. Ronge, the Institute is managed by a Board of Governors, including academics and industry experts.

Teacher Participation: Teachers engage actively in decision-making, attending staff meetings at each semester's start and contributing to various statutory committees.

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_6/6_1_1/23_24/6.1.1.pdf
Upload any additional information	No File Uploaded

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

The Institute strongly upholds and practices the principle of decentralization and participatory management. This commitment is evident through the systems and processes it follows.

- The Institute has established and effectively implemented decentralization through its comprehensive "System Manual." This document clearly outlines the roles, responsibilities, and delegated authorities for every member of the Institute.

- At the start of semester, general meetingare conducted, during which significant decisions regarding the Institute's operations are made and policies are formulated.

- Cross-functional staff committees are formed during these meetings to enhance the Institute's functioning. Each committee is led by a coordinator who has the authority to make decisions relevant to their team, in consultation with members, and execute them with the approval of the head of the institution.

- Policies and practices are developed through comprehensive brainstorming sessions that involve management, the Principal, Deans, faculty, and students. These discussions lead to collective decision-making.

- Participatory management is promoted through various committees and stakeholder engagements, including meetings with the Students' Council, Parents Meet, etc.

- Faculty members and students are part of the statutory and non-statutory committees constituted at central level and actively engage in the decision making process of the organization.

File Description	Documents
Paste link for additional information	https://naac.sveri.ac.in/Criteria_6/AQAR/System%20Manual.pdf
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has created a detailed Perspective Plan for growth covering six key areas from 2022-2023 to 2026-2027:

   1. Infrastructure and Modernization The plan includes expanding facilities by adding new floors to the multipurpose building and constructing staff quarters and

guest house. Improvements will also be made to classrooms, labs, libraries, toilets, canteen, hostel mess, medical facilities, and workshops.

2. Academics The focus is on implementing the National Education Policy (NEP) 2020, gaining academic autonomy, supporting entrepreneurship, increasing internships, starting a PG program in Electrical Engineering, introducing new courses, and setting up an MCA department.

3. Research & Development and Outreach Plans include creating a Centre of Excellence, building research partnerships, forming student clubs, working with industries on live labs, and promoting industry-focused research and consulting.

4. Industry Collaboration and Entrepreneurship This involves partnering with industry for training and projects, promoting startups, enhancing the Tinkering Lab, and setting up industry-relevant labs.

5. Human Resource Development The Institute will offer training programs for faculty and staff, focus on skill development, and conduct wellness activities.

6. Student Support and Development The goal is to provide skill-based courses, support for competitive exams, boost participation in events, and enhance exchange programs, promoting holistic student growth.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://coe.sveri.ac.in/naac/
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 trust Shri Vithal Education and Research Institute was established in 1994-1995 by 15 technocrats with a vision to bring technical education to rural regions.

Administrative Structure

- The Board of Governors (BOG) serves as the principal governing body of the Institute, comprising distinguished academicians, industry experts, and researchers.

- In addition to the BOG, several statutory committees contribute to the Institute's academic and administrative oversight. These include the College Development Committee, Standing Committee, Research Advisory Committee, Academic Advisory Committee, Anti-Ragging/High-Level Standing Committee, and the Students' Council.

- The Principal acts as the head of the Institute, responsible for managing academic and administrative functions. Key areas of administration are managed by specialized Deans: Dean Administration, Dean Students, Dean, Training & Alumni Affairs, Dean, Placement & Corporate Affairs, Dean Academics, and Dean Research & Development, Dean Publicity and Protocol.

Appointment and Service Rules

- Staff requirements are determined using a roster system aligned with AICTE and affiliating university norms. Job vacancies are advertised in prominent newspapers, followed by an interview process.

- An adequate Student-Faculty Ratio through an institutional-level appointment process as per AICTE guidelines. Service rules are aligned with regulatory standards and statutes of the affiliating university.

- These regulations are compiled comprehensively in the Human Resource Manual.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	https://coe.sveri.ac.in/downloads/OrganizationChart.pdf
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	[View File](#)
Screen shots of user inter faces	[View File](#)
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	[View File](#)

6.3 - Faculty Empowerment Strategies

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

Welfare Measures for Teaching Staff:

A) General:

1. Provident Fund facility for the eligible staff members

2. Group Medical Insurance facility for all its staff members

3. Gratuity to its eligible staff members

4. Maternity leave facility

5. Duty leave for attending conferences, seminars, symposium

6. In case of illnesses and disease for treatment and

recuperation Medical leave is givento eligible faculty members.

7.The institute provides Free hostel facility for the faculty members.

B) Awards / Incentives:

1. The institute provides reimbursement of expenses towards registration, travel by train/air and accommodation for attending various Faculty Development Programs, Conferences in India and abroad.

2. Part of Faculty Skill Certification and Patent fees are fully borne by the Institution.

3. For faculty engaged in consultancy work Proportional monetary compensation is given based on the contractual value of work.

4. To promote research aptitude the institute gives awards and incentives for publications in reputed journals and books.

Welfare Measures for Non-Teaching Staff:

1. Provident Fund for the eligible staff members.

2.Residential facility in the campus.

3.Group Medical Insurance facility to staff members.

4.Maternity leave facility to eligible staff members.

5.Free uniforms.

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

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

90

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)	View File

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

13

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	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

146

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

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

The Performance Appraisal System adopted by the institution is multi-pronged and carried out at various touch points as mentioned below:

- **Students' feedback is taken by the Dean Academics during each semester, with a component designed to assess particular staff member's lecture, content delivery, syllabus completion status, and general behavior etc.**
- **HODs also assess the performance of staff members based on competency matrices.**
- **A well defined Performance Appraisal System is implemented in the institute.**
- **A system of Self Appraisal is followed in which a well designed appraisal form is filled by the respective staff member, which contains various components for appraisal like Performance in Engaging Lectures/Practicals, Performance in Attendance of Students, Performance in Results, Other Performance Indicators like Class Room Planning and Control, Evaluation of Laboratory Work/ Assignments, Curriculum / Learning Resources Development, Seminars/ Training- Co curricular Activities, Administrative Functions**

Appraisal System/Policy for Non-teaching Staff:

- **The performance of Non-teaching staff is assessed in**

- every academic year on the basis of a performance
  appraisal form akin to teaching.
- It consists of appraisal components like Professional
  Competence, Performance, Personal Characteristics, etc
  File Description Documen

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

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

The institute maintains robust financial integrity through a comprehensive system of internal and statutory audits, conducted in compliance with the provisions of the Income Tax Act. The parent trust appoints auditors who perform regular audits, covering various financial and operational areas. These include maintaining financial records, workload audits, capital expenditure, repairs and maintenance, statutory compliance, system implementation, and reviewing accounting processes like student fee collection and reconciliation.

This dual-level audit process helps the institute systematically evaluate and improve the financial procedures, with thorough checks and verifications conducted annually. The audits ensure adherence to institutional policies and procedures, and the auditors' recommendations are promptly implemented.

Internal Audit: An internal auditor appointed by the institute performs biannual audits. These audits involve detailed examination of fee receipts, payments, vouchers, and related documents to ensure all transactions are properly authorized. The internal auditor's report is reviewed by the management.

External Audit: A practicing Chartered Accountant's firm, led by Mr. A.P. Kaulwar, conducts the statutory audit at the end of each financial year. The external audit verifies compliance with all financial regulations and ensures thorough examination of the institute's accounts. The institute has had no audit-

related objections over the past five years, reflecting its commitment to sound financial practices.

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

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)

20

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)	[View File](#)

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

Mobilisation of Funds: The Institute is private as well as unaided and it solely depends upon students' fees majorly, for its requirements. Amount of fees to be charged from the students is fixed by the Shikshan Shulk Samiti (The Fee Regulating Body of Government). The fee amount is deposited inbanks as short term deposits. The fees and the interest earned from the deposits are utilized for the development of the college and towards recurring expenses like salaries, maintenance etc. Various types of Government Scholarships received from the Samaj Kalyan Office (Social Welfare Office) of the Government are similarly utilised. Consultancy revenue generated by various departments is another source of revenue. Optimal Utilization of Resources: The effective and efficient use of available financial resources is monitored through the

budget. Taking into consideration all the department wise budgets, a college level budget is prepared. This budget is put for the final approval to the Board of Governors. Monthly budget utilization is submitted by each of the departments. This keeps a further check on them to ensure funds are utilized effectively. Any additional requirements that arise due to unforeseen expenditure are put forth to the management for approval.

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

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

IQAC has contributed significantly for institutionalizing the below mentioned quality assurance strategies and processes.

*Teaching Learning Process

1. Certificate Courses/Add-on Courses in every Semester

2.Feedback Mechanism

3. Innovative Teaching Learning Methods

4. Outcome Based Education

5. Organizing Expert lectures/Seminars/Webinars for students

6. Special attention towards slow learners and advanced learners also

*Orientation Program

1. Conducting orientation for newly admitted i.e. First year and DSY students

2. Conducting orientation for faculty members

*Faculty development and empowerment

1. Organizing FDPs/STTPs/Workshops

2. Motivating faculty members for attending FDPs/STTPs/Workshops Financial assistance for faculty members for attending National/International Conferences Rewards for faculty members for publishing papers in SCOPUS/WOS journals

3. Financial assistance for Patent filing

*Student development

1. Research Culture promotion amongst students

2. Organizing training programs for students (soft skills, life skills and placement related, etc.)

3. Organizing industrial visits, mock interviews, guest lectures, career counseling classes, workshops, personal counseling, bridge courses, yoga and meditation classes for students

4. Promoting various students chapters like IEEE, ISTE, ASHRAE, etc.

5. Engaging students in various NSS activities and extension activities

6. Alumni engagement

Other Quality Initiatives

1 Applying for Autonomy.

2. NBA Accreditation

3. Academic and Administrative Audit (AAA)

4.Participation in NIRF

5 Standardization in Documentation

6. Use of alternative energy sources and energy conservation.

File Description	Documents
Paste link for additional information	https://coe.sveri.ac.in/naac/iqac-meetings/
Upload any additional information	**No File Uploaded**

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

The institution, under the guidance of the Internal Quality Assurance Cell (IQAC), periodically reviews and enhances its teaching-learning processes, operational structures, and methodologies, ensuring alignment with desired learning outcomes. Documented improvements highlight significant contributions in fostering innovation and academic excellence.

1. Organization of Workshops and Seminars: The institute has conducted 37 workshops and seminars on diverse topics, promoting innovation, entrepreneurship, and skill enhancement. The topics include Essential Steps in Product Development, Design Thinking & Innovation Design, IPR Roadmap, Problem Solving and Ideation, The Lean Startup, and Advanced Industrial Automation and Control. These activities enrich participants' knowledge in intellectual property rights, research methodologies, programming, and emerging technologies, preparing them for academic and professional challenges.

2. Certificate/Add-On Courses: The institute has organized 27 certificate courses on recent topics to equip students with contemporary skills. In addition to the same, students are motivated for participation in NPTEL courses and Students have participated in 17 NPTEL Courses.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);	**A. All of the above**

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)

File Description	Documents
Paste web link of Annual reports of Institution	https://coe.sveri.ac.in/naac/iqac-meetings/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	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

Institute is taking key efforts to bring the gender equity through various curricular and co-curricular activities. Institute has built culture to bring equity among the students by taking following efforts: College dress code is compulsory for all students and staff. Secured girls hostel with 24*7 female wardens. "Wing Warden" committee Sessions related to woman safety viz., self-defense, cyber crime and health & nutrition. Posters of "Damini Pathak" and Gramin Police Station, Pandharpur along with helpline number are displayed at all the prominent places in the Campus. Institute is taking care of safe and secured environment through the following initiatives: Safety and security: Campus Safety Measures and Emergency Handling: Trained security personnel who are highly committed. CCTV surveillance Fire Extinguishers, Fire Hydrants and First-Aid kits College vehicle is available in the campus for medical emergency For medical assistance, the Doctor is also availablein the Institute premises Anti-Ragging Activities: Anti-Ragging Cell conducts awareness programs and

drives. Anti-ragging posters are displayed at all prominent places. Anti-Ragging squad is formed to visit hostel premises randomly.

File Description	Documents
Annual gender sensitization action plan	https://naac.sveri.ac.in/Criteria_7/7_1_1/23_24/7.1.1.A.pdf
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	https://naac.sveri.ac.in/Criteria_7/7_1_1/23_24/7.1.1.B.pdf

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**

File Description	Documents
Geo tagged Photographs	View File
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

The Institute is committed to creating an eco-friendly campus. The campus is kept clean & tidy with full of greenery. Solid waste management: Solid waste is collected separately as dry and wet waste at the source. Biodegradable wastes are collected and treated to convert them into composts, which are used for campus greeneries. Non-biodegradable wastes generated are collected and safely disposed of through Municipal Corporation. The recyclable wastes are collected and supplied to the local recycling vendors. Liquid waste management: Institute has installed Sewage Treatment Plant in the campus. The treated water is utilized for campus greeneries. E-waste management: Institute has a systematic protocol to manage the e-waste. At

the end of useful life, the computer peripherals are collected from different locations of the campus and disposed through e-waste collectors. Waste recycling system: Institute has installed Biogas Generation Plant with a capacity of one tone in order to dispose solid waste like mess food, green waste etc and biogas is used for the mess. Waste water is reused for gardening. Chemicals waste management: The Sanitary Landfill method is used for the disposal of the chemical waste.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	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
Geo tagged photographs / videos of the facilities	View File
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	[View File](#)
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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	[View File](#)
Any other relevant information	**No File Uploaded**

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	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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 institution as "SVERI family" shows immense pleasureand responsibility in the aspect of tolerance and harmony in thefields of culture, linguistic, communal socio-economic andother diversities.Respect and Care are the core values of the Institute. TheInstitute has a well-established cultural team to maintain harmony among all the cultural, regional and linguisticactivities by organizing various events. The institute practices a pluralist approach towards allreligious functions and encourages the students andemployees to showcase the same. Institute publishes Annual Magazine entitled as 'Explorer'wherein one section is exclusively devoted for literature indifferent languages other than Hindi & English. Institute celebrates the birth ceremonies of all the leadersand iconic persons. On the occasion of Ashadhi Wari inPandharpur, Institute participates and contributes to'Nirmal Wari Nisarg Wari'.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
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 Institution organizes various activities for sensitization ofthe students and employees for inculcating values, rights, dutiesand responsibilities for being responsible citizens of India. Institute celebrates the birth anniversary of great Indian kingChatrapati Shivaji Maharaj, to recollect his scarification &dedication towards our nation. Institute also celebrates the birthanniversary great leaders like Sardar Vallabhbhai Patel, Dr. B. R.Ambedkar, Savitribai Phule, Mahatma Gandhi etc to make thestudents aware of their contribution to shaping the country.Eminent speakers are invited to speak on these occasions. Institute celebrates Lokshahi Pandharavdha, Voter's Day, MOCKParliament to create awareness among students about differenthuman rights and responsibilities of Indian citizen and nationalintegration to protect fundamental rights, whichwill create anopportunity to live together in peace and prosperity. Institute organizes "Swacchata Hich Seva" to create awarenessabout cleanliness in and around the Campus. Institute organizes"Nirmal Wari Abhiyan" to maintain the cleanliness and hygienearound the Pandharpur, as a huge number of devotees visit this holy place every year. In addition, the institute also organizes blood donation camps toencourage students to contribute to public health. Institutecelebrates Independence Day and Republic Day, every year.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://naac.sveri.ac.in/Criteria_7/7_1_9/23_24/7.1.9.pdf
Any other relevant information	Nil

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

File Description	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 programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

Institute celebrates National and Internationalcommemorative days, events and festivals with a view topromoting patriotism, concern for the community, humanvalues, inclusiveness and a spirit of camaraderie. Celebrations on commemorative days such as Dr. B. R.Ambedkar Jayanthi, Independence Day, Republic Day, MarathiBhasha Divas, Sadbhavana Diwas, Rashtriya Ekta Diwas etc.are being observed to nurture the spirit of nationalism,oneness, national integration, respect for diversity. Raksha Bandhan is a popular, traditionally Hindu annualrite, or ceremony. Institute celebrates it in a differentway by helping society. Institute celebrates Teachers' Day on 5th September andEngineers' Day on 15th September every year. Gandhi Jayanti and Lalbahadur Shastri Jayanti are celebratedon the 2nd October of every year to remember their sacrificetowards the nation. For empowering women, Institute celebrates the birthanniversary of Savitribai Phule every year and InternationalWomen's Day, every year. Shiv Jayanti is celebrated on 19th February every year. Onthis day, Institute organizes blood donation camps & variousexhibitions for showcasing students' artistic talents. Holi, the festival of colors is also celebrated in thepremises of hostels. International Yoga Day is celebrated on 21st June, every year.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
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.

Best Practice 1: Promoting Research Culture among Students

Students are motivated to publish research outcomes from their mini-projects and major projects in national and international conferences and journals. They are also encouraged to showcase their work in project exhibitions at university, state, and national levels. The Internal Quality Assurance Cell (IQAC) closely monitors student participation in state and national-level symposiums and conferences.

Recognizing the value of innovation, students are guided and supported in filing patents based on their research contributions. These initiatives have significantly increased student participation in research activities, resulting in a notable rise in presentations at conferences and publications in journals.

Best Practice 2: Education efforts for enhancing performance of admitted students through night study sessions.

Our institution has introduced night study sessions, offering a focused and quiet atmosphere conducive to learning.These sessions are conducted in the library and designated study halls equipped with essential resources, including textbooks, computers, and internet access. Faculty members and teaching assistants supervise the sessions, providing academic support and mentorship. Additionally, peer study groups are encouraged to facilitate collaborative learning. The night study sessions run from 8:30 PM to 11:00 PM, allowing students to make productive use of their evenings.

As a result of this initiative, there has been a marked improvement in student grades and overall academic performance. This progress is clearly reflected in a comparative analysis of performance metrics before and after the implementation of the night study sessions.

File Description	Documents
Best practices in the Institutional website	https://coe.sveri.ac.in/iqac/BP2023-24.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Societal Connect Through Technology:

SVERI's College of Engineering, Pandharpur is committed to social welfare and understands its responsibility towards the development of society. The institute is located in the vicinity of rural areas and it strives to improve the socio-economic condition of the region. Looking towards these aspects, the institute has built societal connect through various societal activities as follows:

Rural Human and Resource Development Facility (RHRDF)

- **CILLAGE-** The concept of CILLAGE is a knowledge-based ecosystem for integrated education, research, technology development and deployment, and capacity building in rural areas.
- **Exhibition of Technology Developed by BARC and SVERI during Ashadhi-Wari**
- **ICT Enabled School Education-** In addition to this, institute strives to bridge the gap between urban and rural areas by strengthening and empowering the villages through education & ICT by linking them with RHRDF at SVERI campus.

Gram Visit Program :

- **Water Conservation Activities**

- Holistic Management of Temple Catering to Floating Population
- Technical Consultancy Support

Encouragement to Rural Students

- Kimaya Abhiyantriki Tantradnyanachi (KAT)
- Science Orientation Programme
- Technical Education Exposure Sessions

Techno-Societal Activities

- Techno-Societal Conference

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

Infrastructure

- Completion of 9th Floor of Multipurpose Building
- Lift Arrangement in the multipurpose building

Academics

- Implementing Autonomy from AY 2024-2025
- Implementing NEP 2020
- Incorporating Artificial Intelligence (AI) related courses in the curriculum
- Promoting students for enrolling and completing various Online Courses
- Enhancing Internship and project-based learning

Research and Extension

- Operationalizing Atal Community Innovation Centre (ACIC)
- Enhancing the research activities like conference paper Publication, product development, etc. in the Institution
- Enriching Extension activities in collaboration with various other organizations
- Enhancing students participation in product development and Patent filing

Industry - Institute Interaction

- Increasing Memorandum of Understanding (MoUs)
- Enhancing Collaborative activities with Industry
- Involving Industry personnel for enriching the Teaching Learning, Students' Projects, and Placement related activities
- Setting up a Sponsored Lab in collaboration with Industry

Human Resource and Development

- Organizing Skill Development Programs/FDP/ Conferences, etc.in the emerging areas and Administrative, Professional and Personality Development Trainings, Staff Development Programs, Management Development Programs,etc.
- Organizing various staff wellness activities

Accreditations and Recognitions

- Applying for NIRF Ranking
- Conducting Academic and Administrative Audit
- Conducting Students Activity Audit
- Conducting ISO surveillance audit
- Conducting Gender Audit

Student Support and Development

- Starting new professional body chapters and promoting various activities for students through Professional Body Chapters and student clubs
- Promoting awareness about Entrepreneurship related funding schemes
- Promoting Awareness and Understanding of Artificial Intelligence (AI)
- Arranging various technical and skill-based Courses for enhancing the quality of students
- Improving participation of students at the National and International level events and activities