



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution

Sri Manakula Vinayagar
Engineering College

- Name of the Head of the institution **Dr. V.S.K. Venkatachalapathy**
- Designation **Director cum Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **04132642000**
- Mobile no **9443444844**
- Registered e-mail **smvec@smvec.ac.in**
- Alternate e-mail **vskvenkatachalapathy@smvec.ac.in**
- Address **Madagadipet, Puducherry**
- City/Town **Puducherry**
- State/UT **Puducherry**
- Pin Code **605107**

2.Institutional status

- Affiliated /Constituent **Autonomous**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Pondicherry**
- Name of the IQAC Coordinator **Dr.A.A.Arivalagar**
- Phone No. **04132642000**
- Alternate phone No. **04132643007**
- Mobile **7810075545**
- IQAC e-mail address **iqac@smvec.ac.in**
- Alternate Email address **hodece@smvec.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

https://smvec.ac.in/wp-content/Files/accreditation/naac/aqar/AQAR_2021_22.pdf

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://smvec.ac.in/naac/iqac/#aqar>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.14	2013-2018	05/01/2013	04/01/2018
Cycle 2	A	3.03	2019-2024	28/03/2019	27/03/2024

6.Date of Establishment of IQAC

15/03/2013

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
Nila CRS	Anubhav Prasad Science, Technology and Health for Senior	DST	6 Months	2,59,460

	Citizen			
Nila CRS	Narrowcast and Broadcast on COVID-19 Vaccination for all Eligible Cohorts (preparation of prospective waves) and Nutrition (Breastfeeding and Complementary Feeding, Growth Monitoring), Sanitation and Hygiene and Reopening of Schools	UNICEF	6 Months	1,81,440
Nila CRS	WASH & Climate Literacy campaign	Seeking Modern Applications for Real Transformation (SMART)	3 Months	1,02,900
Nila CRS	Deshbhakti Geet and Lori write & Rangoli Making - through Community Radio Channels	Ministry of cultural	12 days	21,000
Nila CRS	Har Ghar Tiranga	Ministry of cultural	25 days	50,000

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 **4**

- 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 [View File](#)

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)

IQAC formulates quality assurance policies wherever deemed to be necessary for assuring quality procedures and implement them in aligned with the vision and mission of the institution

IQAC helps in self-assessment and documentation of the process through Academic and Administrative Audit which is planned once in every six months internally and a peer audit is conducted at the end of the academic year.

Supporting the Non statutory committees to execute and complete their obligations thereby fulfilling the norms of UGC guidelines

Review of professional bodies, student clubs and involving students in every extension activity to enhance academic, co-curricular and extra-curricular skills and values.

More number of MoU with companies and internships, increased number of international certification courses for enhanced placements. IQAC encourages adoption of best practices, teaching research and administration by comparing with peer institutions and areas of improvement to develop and implement the institution development plan.

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
Exam related activities as per schedule	Exams were conducted as per the schedule and results were declared on time
Placement activities	Placement and Skill development Trainings are imparted. • Increase in number of students placed in renowned MNCs . • 10 new MoUs signed
Institutional Ranking Process	Participation in following ranking process includes NIRF, ATAL Ranking and institute ranked in Excellent Band , Top Engineering College from India Today, Data-Quest, Silicon-India Rankings
Faculty to claim copyright for their Lab Manual, Institutional policy manual etc.,	We have more granted Design Patents through the innovative ideas with the help of Patent Advisor & Initiated applying copy rights for Lab manuals
International Associate level Certifications	Increased skill enhancement of students and more placements

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	05/09/2023

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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IQAC helps in self-assessment and documentation of the process through Academic and Administrative Audit which is planned once in every six months internally and a peer audit is conducted at the end of the academic year.		
Supporting the Non statutory committees to execute and complete their obligations thereby fulfilling the norms of UGC guidelines		
Review of professional bodies, student clubs and involving students in every extension activity to enhance academic, co-curricular and extra-curricular skills and values.		
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Year	Date of Submission
2021-22	15/02/2023
15. Multidisciplinary / interdisciplinary	
(a) Delineate the vision/plan of institution to transform itself	

into a holistic multidisciplinary institution.

Sri Manakula Vinayagar Engineering College an Autonomous Institution ensures to integrate various disciplines and perspectives to create a comprehensive learning and working environment. The strategies considered for such a transformation are

1. Aligning vision and mission statement that emphasizes the importance of a holistic, multidisciplinary approach to education and research.
2. Strategic planning process involving key stakeholders to identify goals, objectives, and action plans for the transformation in the form of feedback at regular intervals
3. Revise and redesign the curriculum to include interdisciplinary courses and projects that encourage collaboration across different disciplines.
4. Create flexible academic structures that allow students to pursue interdisciplinary courses in the form of open electives, Mandatory courses and Employability Enhancement Courses
5. Create interdisciplinary research center (AICTE IDEA Lab) to facilitate collaboration among students of from different fields
6. Encourage students to participate in interdisciplinary projects, clubs, and extracurricular activities that promote holistic learning
7. Encourage staff to enhance their interdisciplinary skills and teaching methodologies by participating in various faculty development programs and get acquainted in the recent technologies and developments across the branches.

(b) Delineate the Institutional approach towards the integration of humanities and science with STEM and provide the detail of programs with combinations

- During the curriculum design, care has been taken to incorporate relevant science courses, social courses with engineering in the form of Skill development courses, mandatory course, Employability Enhancement Course and Open elective courses
- Research projects, seminars and workshops has been conducted to address the real world problems through Institute Innovation Council
- Professional ethics is introduced as a laboratory course for all disciplines of engineering to understand ethical

dilemmas and cultural perspective.

- An exclusive language laboratory is established to train the students and make them employably fit in industries through skills of Listening, Speaking, Reading and Writing .

(c) Does the institution offer flexible and innovative curricula that include credit-based courses and projects in the areas of community engagement and service, environmental education, and valuebased towards the attainment of a holistic and multidisciplinary education? Explain

Yes, being an autonomous institution, we designed our curriculum giving a holistic multidisciplinary development of a undergraduate engineering student.

- Entrepreneurship courses in the curriculum incorporated as theory and practical component for all branches of Engineering helps students in developing business models and work on startup projects, gaining practical insights into the entrepreneurial process.
- Students engage in hands-on projects that address community needs and contribute to positive social change
- Projects involving eco-friendly solutions and implementing community-based initiatives through NSS activities helps to attain a holistic and multidisciplinary education.
- Interdisciplinary courses have been added as a part of compulsory courses and open electives to make them responsible professionals.

(d) What is the institutional plan for offering a multidisciplinary flexible curriculum that enables multiple entry and exits at the end of 1st, 2nd and 3rd years of undergraduate education while maintaining the rigor of learning? Explain with examples

It is planned to be implemented in the forthcoming revision of our autonomous regulation.

(e) What are the institutional plans to engage in more multidisciplinary research endeavours to find solutions to society's most pressing issues and challenges?

- In national building process a thorough analysis of the industrial needs are studied and in the curriculum the courses are designed to make students industry ready and

employable.

- A 24 x 7 AICTE IDEA LAB is established to impart multidomain skills to the students, faculty members of parent and other neighboring schools and colleges to convert their ideas into a prototype to address the societal challenges.
- To Offer workshops on interdisciplinary methodologies, communication, and project management
- The research Outcomes are publicized through various channels, media, press release to share the success stories
- Adjust resource allocation, training programs, and support mechanisms based on lessons learned.
- To tie up with research centers of reputed institutions/ universities for research collaborations

(f) Describe any good practice/s of the institution to promote Multidisciplinary / interdisciplinary approach in view of NEP 2020.

Flexible curriculum design enables students to tailor their education based on their interests and career goals, fostering interdisciplinary learning.

- A dedicated center (AICTE IDEA LAB) encourage collaboration, joint research projects, and interdisciplinary learning beyond the traditional academic system.
- We encourage faculty to engage in interdisciplinary research initiatives.
- Regular conduction of seminars and workshops which brings experts together from different fields to discuss on current or day today issues
- Organized interdisciplinary student projects, competitions, and hackathons that require collaboration across disciplines.
- Collaborate with industries, community organizations, and NGOs for interdisciplinary projects and experiential learning.

16.Academic bank of credits (ABC):

(a) Describe the initiatives taken by the institution to fulfil the requirement of Academic bank of credits as proposed in NEP 2020.

Sri Manakula Vinayagar Engineering Colleges plan to develop and

publicize clear credit transfer policies outlining the procedures for transferring credits earned at other institutions. As a first step, the student details on the number of credits earned with the total number of credits is collected to standardize the credit systems across the institution.

(b) Whether the institution has registered under the ABC to permit its learners to avail the benefit of multiple entries and exit during the chosen programme? Provide details.

No, Sri Manakula Vinayagar Engineering College has not registered under the ABC. The studies on the challenges in implementing the necessary technological infrastructure and systems required for the smooth functioning of the Academic Bank of Credit is underway. A detailed survey to be conducted on the concerns about how credit standardization across institutions could impact the diversity and uniqueness of the academic programme. We are waiting for a clearer guidelines, policies, and regulations from our affiliating University namely the Pondicherry University.

(c) Describe the efforts of the institution for seamless collaboration, internationalization of education, joint degrees between Indian and foreign institutions, and to enable credit transfer.

- MoU signed with reputable foreign institutions so as to provide diverse learning experiences, and attract a broader range of students.
- At SMVEC, Integrated language and cultural programs are conducted to support students and faculty members.
- Collaborate with international organizations to provide global internship and placement opportunities for students.
- Participate in Global Academic Networking in the form of attending international conferences, seminars and workshops for a continuous understanding with foreign universities

(d) How faculties are encouraged to design their own curricular and pedagogical approaches within the approved framework, including textbook, reading material selections, assignments, and assessments etc.

- Faculties are encouraged to design their own curricular and pedagogical approaches by attending faculty development programs focused on curriculum development and pedagogical innovations.
- Faculty members are paired with experienced academic

experts within and outside the institution, industrial experts in reputed organisations who can guide them in curriculum design and teaching methodologies.

(e) Describe any good practice/s of the institution pertaining to the implementation of Academic bank of credits (ABC) in the institution in view of NEP 2020.

Need to develop and communicate clear guidelines and policies regarding the implementation of the Academic Bank of Credit. We established counseling services to guide students in understanding the benefits and implications of the Academic Bank of Credit. We are in the process of Investing in a robust and user-friendly technology platform for the Academic Bank of Credit. Then, we are planning to integrate the Academic Bank of Credit with existing student information systems to streamline data management.

17.Skill development:

(a) Describe the efforts made by the institution to strengthen the vocational education and soft skills of students in alignment with National Skills Qualifications Framework

Integrated National Skill Quality Framework aligned vocational courses into the curriculum by means of offering international certification courses which makes the students industry ready immediately after their course completion.

- Collaborate with industries to design curriculum content that meets current industry needs.
- Implement dedicated soft skills training programs focusing on communication, teamwork, problem-solving, and other soft skills crucial for career success, aligned with NSQF requirements.
- Facilitate internships and on-the-job training experiences to apply theoretical knowledge in real-world settings, strengthening vocational skills
- Organize industry visits and exposure programs to give students insights into the practical aspects of their chosen fields.
- Invite industry experts for guest lectures to share insights, trends, and expectations, helping students align their vocational skills with industry requirements.
- Entrepreneurship development course which are a part of the curriculum make the students to enhance their

entrepreneurial skills

- Students are encouraged to participate in skill competitions and they are rewarded an equal share of their prize amount by the management

(b) Provide the details of the programmes offered to promote vocational education and its integration into mainstream education.

Skill Development Courses are integrated in the regular curriculum as well as add-on courses are imparted to students to supplement academic learning.

- Training programs tailored to the specific needs of particular industries are imparted by means of offering internship in reputed companies on recent domain like block chain technology
- Skill enhancement workshops and training sessions are imparted so as to understand the industrial needs and enhance the placement opportunities
- International Certification courses are given to the students so as to enable them for industry readiness.

(c) How the institution is providing Value-based education to inculcate positivity amongst the learner that includes the development of humanistic, ethical, Constitutional, and universal human values of truth (Satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and also life-skills etc.

Value based content is integrated into the curriculum through offering of courses such as professional ethics, Universal human values to promote ethical decision-making and values.

- Faculty members are encouraged to serve as positive role models through their actions, fostering a positive and ethical learning environment.
- emphasizing human values education is imparted to students in the first semester during their induction programme
- Provide counseling and mentoring services through motivational celebrity speakers to make students understand and practice peace, love, non-violence etc.,
- A manual on Human Values is prepared by the IQAC team for the wellness of the students and it is disseminated through the institution website.

(d) Enlist the institution's efforts to: 1. Design a credit structure to ensure that all students take at least one vocational course before graduating. 2. Engaging the services of Industry veterans and Master Crafts persons to provide vocational skills and overcome gaps vis-à-vis trained faculty provisions. 3. To offer vocational education in ODL/blended/on-campus modular modes to Learners. 4. NSDC association to facilitate all this by creating a unified platform to manage learner enrolment (students and workers), skill mapping, and certification. 5. Skilling courses are planned to be offered to students through online and/or distance mode.

Every student in our institution has to undergo six level of international certification courses at Associate level of each 40 hours duration through center of excellence (17 centres) established in our institution to make them industry ready.

(e) Describe any good practice/s of the institution pertaining to the Skill development in view of NEP 2020.

- Developed a curriculum in collaboration with industry experts making graduates more employable
- Offering specialized courses and electives focused on specific skills to develop expertise in specific areas.
- Facilitating internships and provide students with practical, hands-on experience and exposure to real-world work environment.
- Established dedicated centers for skill development to enhance technical and soft skills through workshops, training, and simulations
- Introduced certification programs to earn industry-recognized certifications alongside their academic degrees.
- Entrepreneur awareness is created amongst the students through the skill development courses
- Encouraging students to participate in skill competitions and a good track in winning hackathons conducted nation wide.

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

(a) Delineate the strategy and details regarding the integration of the Indian Knowledge System (teaching in Indian Language, and culture etc,) into the curriculum using both offline and online courses

- To promote holistic development core Indian values, ethics are included into the curriculum.
- In order to promote a sense of cultural identity among students, cultural events are conducted during annual day and days of national importance such as bhathiar and V.O.Chidambaram centenary celebration, etc.,
- Implemented language skill development programs to enhance proficiency in English, ensuring effective communication.
- faculty members are trained and well versed to deliver courses in bilingual mode (English and Tamil)
- Courses such as Essence of Indian Traditional Knowledge, Indian Constitution are included as a mandatory course wherein students need to pass this course to earn their degree thereby instilling them to understand the importance of language and cultural diversity.
- Our institution emphasizes the importance of yoga to the students and they are trained in basic asanas in the first semester of their study. We celebrate international yoga day every year in a grand manner to spread the wellness among the students.

(b) What are the institution's plans to train its faculties to provide classroom delivery in bilingual mode (English and vernacular)? Provide the details.

- Train faculties in bilingual teaching techniques that promote a seamless flow between English and the local language namely tamil.
- Organize periodic workshops to keep faculties updated on the best practices in bilingual mode (Tamil and English)
- Encourage the use of language learning apps to facilitate self-paced learning
- Encourage faculties to engage with local communities to strengthen their connection with the local tamil language

(c) Provide the details of the degree courses taught in Indian languages and bilingually in the institution.

- planned to introduce the Indian Language courses in the course of next curriculum revision

Describe the efforts of the institution to preserve and promote the following:

1. Indian languages (Sanskrit, Pali, Prakrit and classical, tribal and endangered etc.)

2. Indian ancient traditional knowledge

3. Indian Arts

4. Indian Culture and traditions.

The course Essence of Indian Traditional; Knowledge is already incorporated into our curriculum as a mandatory course and we are in the process of incorporating other Indian languages in the due course of curriculum revision. In order to promote the Indian culture and traditions we are celebrating festivals like Christmas, Diwali, Pongal, Ayudha Pooja etc., in a grand manner wherein students are involved in those events to make them understand our tradition and culture.

(d) Describe any good practice/s of the institution pertaining to the appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course) in view of NEP 2020.

- Courses such as Indian constitution, Essence of Indian Traditional Knowledge are imparted to students as a mandatory course in our autonomous curriculum.
- Students are encouraged to undergo MOOC/NPTEL courses in subjects of Indian language/ Indian tradition/ Indian culture etc., so that they understand the essential moral and values.

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

(a) Focus on Outcome based education (OBE):

Our curriculum is designed in such a way to include core domain, practical courses, professional elective, open electives to accommodate multidisciplinary courses, mandatory courses, skill development courses, Employability Enhancement Courses are incorporated to make students Industry 4.0 readiness and develop entrepreneurial skills.

- Pedagogical strategies teaching methods and problem-based learning methodologies are followed to foster critical thinking, problem-solving skills and self learning among the students.
- Assessments and evaluation are done through Internal and End Semester Examinations incorporating blooms taxonomy. Exam audit has been conducted to validate the examination

processes and the AICTE reforms have been incorporated. Attainment is measured with help of direct and Indirect methods.

- Research works are encouraged among the students and faculty which results in publications and patents
- Experiential learning approaches, such as internships, case studies, and projects, are imparted to students to enhance practical application of knowledge. This results in winning of students in national level hackathons, increase in number of placements in reputed MNCs.

The above process helps in a fruitful Outcome Based Education to serve the society and national building at large.

(b) Explain the efforts made by the institution to capture the Outcome based education in teaching and learning practices.

Engaged our own faculty members, external academic experts, and industry experts in defining clear and measurable learning outcomes for each course and program and also make sure it aligns with our institution vision and mission statements.

- Developed assessments that directly measure the attainment of learning outcomes, including a mix of formative and summative assessments through Internal assessment tests and End Semester Examinations.
- Providing training programs for faculty members on the principles of Outcome-Based Education, emphasizing the importance of aligning teaching with learning outcomes.
- Clearly communicating the learning outcomes to students at the beginning of each course so as to understand the need of study at the start of the course.
- A robust feedback mechanism is established and received feedback from all stakeholders to provide input on the learning process and the attainment of outcomes.
- Engage in internal and external audit processes, to validate the effectiveness of OBE implementation.

(c) Describe any good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020.

The NEP 2020 has been designed to impart a holistic education to the student community. It is taken care through various pedagogical methods as described below. The teachers are involved in four major activities namely academic, research, managing the institution and contribution to the society (ARMS).

The faculty members adopt Academic, Blended mode, collaborative learning, directive learning, experiential learning and focus learning (ABCDEF) methodologies to ensure that slow, average and advanced student learners are meticulously taken care for their excellence as OBE is learner centric

- This pedagogy methods help in acquiring domain knowledge and all the skills non specific in nature as mentioned in the POs.
- To ensure attainment levels both direct and Indirect methods were adopted to find the target levels for each batch of students.
- Student mentoring system is excellent in extending support to student during post covid periods. The placement activities is very vibrant where training and placement cell involves both soft and technical skills resulting in more than 90 percentage of students placed in reputed companies.

20.Distance education/online education:

(a) Delineate the possibilities of offering vocational courses through ODL mode in the institution.

A Multimedia center room is constructed as a green matte studio which is used to develop e-content through lecture capturing system and hosted in institution website.

(b) Describe about the development and use of technological tools for teaching learning activities. Provide details about the institutional efforts towards blended learning.

An exclusive green matte studio is built wherein the e-content are developing for capturing the lectures and disseminated in our institution website. The entire campus is wifi enabled so as that student can access and learn from their convenient time and place. Smart boards are installed in classrooms to make the classroom interactive environment. LCD projectors are installed in all classrooms to improve the pedagogical teaching and learning. The lecture notes are uploaded in our institutional website to have a wider reach to the student learning.

Describe any good practice/s of the institution pertaining to the Distance education/online education in view of NEP 2020.

In our institution, distance education/ online education is not

followed. However, the study material in the form of e-content is published in our institutional website for access to our students.

Extended Profile

1. Programme

1.1 1412

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

File Description	Documents
Data Template	View File

2. Student

2.1 5346

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 956

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 1271

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3. Academic

3.1 480

Number of full time teachers during the year

File Description	Documents
Data Template	View File
3.2	480
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	130
Total number of Classrooms and Seminar halls	
4.2	1976.5
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1500
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

Sri Manakula Vinayagar Engineering College (SMVEC) meticulously plans curriculum delivery based on stakeholder feedback and BOS suggestions, following the Choice Based Credit System (CBCS) outlined in SMVEC R2019, R2020, and R2023. The Academic Committee designs semester-wise calendars, aligning with academic schedules, and departments create event calendars accordingly.

Heads of Departments (HoD) allocate courses to faculty considering expertise and preferences. Instructors develop Course Outcomes (COs) aligned with Program Outcomes (POs) and Program Specific Outcomes (PSOs). Timetables accommodate theory, labs, and projects, with provisions for remedial classes and industry certifications. Lesson plans and materials emphasizing Outcome Based Education (OBE) are uploaded for faculty use.

Beyond course delivery, the institute conducts various skill enhancement activities. Continuous Assessment Tests (CAT) help identify slower learners, who receive additional support, while advanced learners are encouraged to pursue self-learning courses. Regular reviews by academic committees ensure effective curriculum delivery, aligned with the institution's goal of providing globally competitive education.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://smvec.ac.in/naac/igac/

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

The Institution publishes an academic calendar each semester, which includes crucial dates such as the start and conclusion of the semester, schedules for Continuous Assessment tests, and end-of-semester examination dates. SMVEC closely follows this timetable and plans its activities, including Continuous Internal Evaluation (CIE), accordingly. Each department creates its calendar, which details the number of working days, holidays, and CIE dates. These dates may include guest lectures, workshops, and other activities. Following the academic calendar ensures fair and consistent CIE for all students, promoting a level playing field and timely assessment completion.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/file/d/1iTZ5ccHzHDBGmYL7idYEKNurbwfbMFK/view?usp=sharing

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 A. All of the above

**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

22

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

217

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

18157

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

At SMVEC, our commitment revolves around nurturing an educational realm that surpasses traditional disciplinary confines. We focus on fostering socially responsible and ethically conscious leaders, seamlessly integrating crosscutting issues into our curriculum.

Professional Ethics:

In our evolving global landscape, ethical considerations take precedence. Our curriculum incorporates specialized modules that explore professional ethics, prompting students to navigate real-world scenarios and ethical frameworks relevant to their fields.

Gender Sensitivity:

Promoting inclusivity and gender equality is pivotal in our institution. We've embedded gender studies in courses, ensuring a nuanced understanding of diverse perspectives. By creating a gender-sensitive academic environment, we empower students to contribute to a more equitable society.

Human Values:

Acknowledging holistic education's significance, we infuse human values, philosophy, and ethics throughout our curriculum. This encourages students to reflect on personal values, establishing an ethical foundation extending beyond academia.

Environment and Sustainability:

Environmental stewardship is integral. Our curriculum encompasses environmental science, sustainability, and climate change, inspiring students to drive positive change and address real-world

challenges .

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**31**

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships**2131**

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 A. All of the above**

**syllabus and its transaction at the institution
from the following stakeholders Students
Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	https://smvec.ac.in/feedback-form/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://smvec.ac.in/feedback-form/

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

1574

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

936

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

At our Institute, we embrace a culture of inclusivity and support, catering to the diverse needs of advanced, average, and slow learners. Each student's unique abilities and challenges are recognized, and the necessary guidance and motivation are provided to excel.

Advanced learners are encouraged to participate in Hackathons, and prepare for competitive exams like GATE, CAT, TOEFL, and GRE. They are provided with opportunities to work with faculty-guided projects, attend conferences, workshops, and publish papers to enrich their academic journey. Their achievements are recognized through certificates and mementos during college day celebrations.

Average learners are provided with opportunities to participate in co-curricular activities along with advanced learners. They receive personalized attention through faculty mentors, additional tutoring, and skill enhancement workshops.

For slow learners, coaching classes are arranged during study holidays and revision sessions before exams. Faculty mentors counsel the students to cope up with the academic challenges. A supportive environment empowers them to overcome challenges and achieve growth.

Through continuous assessment and individualized support, the institute prepares students to become versatile, ready to make positive contributions to society. Our Institute values every student's potential, provides the necessary training, guidance and motivation for all to succeed

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1cVDX2gKudQu2hA0BItQ1zFiQeBwKRf9o?usp=sharing
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
5346	480

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

Sri Manakula Vinayagar Engineering College boasts a longstanding commitment to prioritizing experiential learning, participatory learning, and problem-solving approaches to enrich the overall learning experiences of its students. These pedagogical methods are founded on the belief that active participation and the practical application of knowledge significantly contribute to deeper comprehension and lasting retention of the material.

Participatory Learning (i): In order to foster deeper understanding and skill development by transitioning from passive reception to active engagement, teaching strategies include:

- Group Discussions
- Peer Teaching
- Role Play
- Critical Thinking
- Case Studies

Experiential Learning (ii): Experiential learning, involving the process of learning through experience and reflection on doing, is implemented through various methods, such as:

- Project Expo
- Industrial Visits

- Poster Making
- Circuit Debugging
- Slogan Writing
- Hands-on Training

Problem-Solving Learning (iii): This learning approach aims to identify real-life problems and apply engineering principles and technologies to address them. Solutions are expected to manifest in practical applications. By seamlessly integrating these diverse and interactive learning methods, Sri Manakula Vinayagar Engineering College reaffirms its commitment to delivering a comprehensive education

File Description	Documents
Upload any additional information	View File
Link for additional information	https://smvec.ac.in/engineering_admission_details/#Highlights

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

Sri Manakula Vinayagar Engineering College is proactively integrating technology with traditional instructional methods to cultivate enduring learning experiences, aligning its educational approach with the demands of the contemporary workforce. The institute's commitment to optimizing and enriching its educational programs is evident through various ICT initiatives:

- Classrooms and laboratories are equipped with projectors, facilitating interactive visual learning experiences. Computer labs and faculty cabins are furnished with desktops and laptops, ensuring students gain practical, hands-on knowledge.
- Document management is streamlined through strategically placed printers, photocopiers, and scanners in prominent areas.
- The institution has seamlessly embraced online learning, utilizing platforms such as Zoom, Google Meet, Microsoft Teams, and Google Classroom.
- The integration of Massive Open Online Course (MOOC) platforms, including NPTEL, Coursera, Udemy, and Edx, exposes students to a diverse range of courses and the latest industry developments.

In addition to these initiatives, the institute provides a digital library that enriches research capabilities, granting easy access to an extensive array of academic resources. This comprehensive technological ecosystem underscores Sri Manakula Vinayagar Engineering College's dedication to fostering a well-rounded and contemporary learning environment for its students.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

412

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

480

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	View File

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

101

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

2720

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.

Our institute meticulously plans its academic calendar well in advance for each semester, encompassing internal tests/exams and end-semester examination dates. This comprehensive schedule is accessible to students on the college website, ensuring ample preparation time. Continuous Assessment Tests (CAT) align with the institutional calendar, affording students the opportunity for early preparation.

The examination timetable is disseminated to all classes well in advance, and assessments are conducted accordingly. Answer scripts

are promptly evaluated within three days, and students have the chance to review and approve their marks. A transparent exam grievance mechanism addresses any discrepancies. Marks scored by the students are communicated to the parents by post.

CAT1 and CAT 2 are conducted at regular intervals with 1½ units each for 50 marks after the commencement of semester from 4th and 8th week respectively; Model examination is conducted with 5 units for 75 marks before end semester examination. In addition, 2 assignments are given to the students during the 4th and 8th week of the semester. The Corrected assignments are given to the students for verification and improvement.

For practical courses, internal assessment marks hinge on students' lab performance and viva-voce during continuous lab practices and model laboratory examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1a-3SxF1C5Mln42DbKFNkhc_pLeU0Mao2?usp=sharing

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

A well-established three tier mechanism is adopted to address the grievance of the students that includes course teacher, department level committee and Academic Appeal Board (AAB).

After the conduction of internal examination, students are distributed with the valuated answer scripts within 3 days; thus they verify their marks and fill the feedback for the question paper and evaluation. Trouble-free issues like totaling mistakes, unevaluated answer etc., are addressed directly to course teacher and get resolved immediately. If student finds anomalies in the award of marks, they can raise the issue to the HoD through formal letter. The HoD convenes the committee and resolves the issue within a day. If the student is still dissatisfied, he/she can report to the AAB by writing a proper letter to the Board. The AAB is constituted with Dean Academics as convener and two senior level professors as members, and concerned HoD and Class Advisor as co-opted members. The board will examine the complaint and recommend appropriate measures to the Head of the Institution for necessary action. The entire process needs to be completed within

ten days.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1OY5sta3qPNfND68lV_26MAGblkH06vwI?usp=sharing

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.

Each department has its Vision and Mission in line with Institute Vision and Mission. Programme Educational Objectives are framed to achieve the department vision and mission. The institute adopts the Programme Outcomes given by the National Board of Accreditation. Programmes Specific Outcomes are framed as per the required programme specific competencies.

Communication to the Students

- POs, PSOs, COs are communicated through academic calendar, curriculum, Regulations books, notice boards, laboratory records, lecture notes, LMS.
- On the first day of class, each course teacher explains POs, PSOs, COs to students.

Communication to the Faculty

- The faculty members primarily involved in drafting POs, PSOs and COs and thus have very good awareness of the same.
- For new faculty members, the POs, PSOs and COs are communicated during the faculty orientation programmes.
- It is discussed again during any important department meeting for the purpose of reiteration.

Communication to other stakeholders

- The POs, PSOs and COs are communicated to the alumni, employers through the department brochures.
- All the POs, PSOs and COs are made available in college website for the parents, industries, other visitors.
- The POs and PSOs are explained to the Parents during Parent Teacher Meetings.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/document/d/1wKQsEB1oe5Vg3O9pcvyea_7QNHmF7Dk/edit?usp=sharing&oid=105035851742651947738&rtpof=true&sd=true
Upload COs for all Programmes (exemplars from Glossary)	View File

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

A well-laid system is implemented to measure CO, PO, PSO attainment. Various Assessment Tools are integrated in examination system for measuring CO attainment. COs are mapped with the weightage of 3, 2, 1, and 0 to the POs and PSOs based on correlation. Both direct and indirect methods are used for measuring the CO and PO & PSO attainment.

For CO attainment, direct methods used are the marks of students obtained in assessment tools such as Continuous Assessment Tests, Assignments, Practical Examinations and End Semester Examinations; indirect method used is course exit survey. The overall CO attainment is calculated with 80% CO attainment through direct method, 20% of CO attainment by indirect method.

For PO & PSO attainment, direct method includes CO attainment values, indirect method includes student exit survey, parent survey, alumni survey and employer survey. Overall PO& PSO attainment is calculated with 80% from direct measure, 20% from indirect measure.

Each department has a Department Advisory Committee (DAC) which verifies the attainments periodically. At the end of semester, DAC evaluates the attainment of COs and POs & PSOs. In case of non-attainment, corrective measures such as use of activity based teaching, additional tutorials, etc., are suggested for improvement.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/folders/191-ORkW1Mvr9jYucTyShmlyJcqFRqXrW?usp=sharing

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

1240

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	https://drive.google.com/file/d/1prNv9Q5ezXyGQaMKjNo9jaGjjOZP-RZE/view?usp=sharing

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://drive.google.com/drive/folders/1Br1JSgGNgAjOTBHombvd47R25wWshDas?usp=sharing>

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)

29.75

File Description	Documents
Any additional information	View File
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

43

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

11

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.amtheat.com/

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 provides an environment that fosters innovation and incubation. Necessary facilities are provided for students,

and guidance is extended to help them in their innovation and incubation efforts. Students are encouraged to apply technology to address societal needs. Support is given for the publication of research papers, conference participation, and obtaining patents. Awareness meets, workshops, seminars, and guest lectures on entrepreneurship are organized. Students have the opportunity to directly interact with successful entrepreneurs in various fields. Product service Training is provided for creating awareness on marketing the products. Training is provided to create awareness about marketing products.

The sole objective of the Incubation Center is to facilitate students to convert their Ideas into Technological Innovations. Facilities are provided for students to build prototypes for the promotion of agriculture and rural development. Financial assistance is given for both major and minor research projects. The college has recognized research centers in fostering academic and research activities. Students are encouraged to pursuing Ph.D Programme. Students have initiated startups to transform their innovations into economic growth.

The college has recognized as a host center by external organizations like Micro, Small and Medium Enterprises (MSME). Students participated in various competitions, such as those organized by SAE India, showcasing their innovations in Designing and fabrication of E-Vehicles. Enable the student for the Industry 4.0 revolution and technologies

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/

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

File Description	Documents
Report of the event	View File
Any additional information	View File
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

48

File Description	Documents
URL to the research page on HEI website	https://smvec.ac.in/researchdevelopment/
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

235

File Description	Documents
Any additional information	View File
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

77

File Description	Documents
Any additional information	View File
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

Students of Sri Manakula Vinayagar Engineering College are continuously exposed to the social issues of nearby communities through community service activities. National service scheme, Red Ribbon club, Electoral literacy club, Women empowerment cell, Eco clubs, Societal blooms, and Nila Community radio station have continuous interaction with the nearby rural community and address their issues in a need-based manner.

The volunteers do selfless service by creating awareness activities, eco-friendly practices in rural areas, skill development training for unemployed youth, and socio-economic development programs for the upliftment of rural women. These extension activities enable our students to acquire knowledge through service learning and understanding the prevailing culture of rural society and analysing specific social issues. Our blood-on-need service is appreciated by the blood banks of both government and private hospitals in Puducherry. Many self-help groups, old age homes, and orphanages have benefitted from the service activities of our volunteers.

Adopting the guidelines of NEP 2020, to provide holistic growth of students both intellectually and spiritually our extension activities create an impact on their behavior and broad understanding about the society they belong. In turn, these life education practices benefit the rural population and create a win-win situation thereby addressing sustainable development goals.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/extension-activities/
Upload any additional information	View File

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

10

File Description	Documents
Any additional information	View File
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

22

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
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

20

File Description	Documents
Report of the event	View File
Any additional information	View File
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

932

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
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

58

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

The Institute has an eco-friendly infrastructure comprised of distinct blocks to various Schools for Engineering, Architecture, Management and Computer applications in a greenish environment. The institute stands as a beacon of academic excellence, offering a magnanimous and well-equipped environment for learning. The heart of the educational ecosystem lies in the 116 spacious and well-furnished classrooms, designed to foster an enriching teaching-learning experience. These classrooms are equipped with modern teaching aids and audio-visual tools, enhancing the learning experience and facilitating dynamic interaction.

To enhance the practical learning, the institute has 66 cutting-edge laboratories spanning various disciplines. These laboratories provides hands-on experiences and allowing students to apply theoretical knowledge in real-world scenarios. In addition, the facilities includes 14 seminar halls, an air-conditioned auditorium, conference halls and 26 computing centers, each equipped with state-of-the-art technology to facilitate research and collaborative work.

The infrastructure further extends to a central library, departmental libraries and AICTE IDEA Lab. This comprehensive setup underscores the commitment to provide a holistic educational experience, where students not only excel academically but also have access to resources that foster innovation, research, and personal development.

The institution is dedicated to eco-friendliness and sustainability, employing renewable energy sources like solar power generation.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/luoDMH5TP4Buj85YclFlg97xSONLA35pO?usp=sharing

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

gymnasium, yoga centre etc.

The institute focuses on student development through participation in co - curricular and extra-curricular activities. In order to support this development, the institution has the sports, cultural and gymnasium facilities which are kept open beyond the working hours for students and staff. Outdoor and Indoor sports are also encouraged among the students to groom them with qualities like leadership, team spirit and competitiveness in various competitions.

Cultural:

To bring out inherent talent of the students, institute is celebrating SPARK'S event every year where students have showcased their extracurricular skills. The institution has a well-equipped state of the art Air conditioned auditorium of 750 seating capacity.

Sports and Games:

The institute provides sports like Basketball, Volleyball, Cricket, Ball badminton, Tennis, Football, Throw ball, Kho-Kho, Kabbadi and indoor activities like Shuttle, Table Tennis, Carom and Chess. Every year institution conducts intercollege sports event NEXUS, to foster health and a vibrant culture of sports.

Gymnasium &Yoga:

The institute has an in-house gymnasium facility which the faculty and students can avail. The institute has dedicated space for Yoga and Meditation for improving mental and physical health of faculty and students. Also institution celebrates the International Yoga day in the month June every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/extension-activities/sports/

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

130

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1uoDMH5TP4Buj85YclFlg97xSONLA35pO?usp=sharing
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)

1360.90

File Description	Documents
Upload any additional information	View File
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)

The library management suite 1.0 software has been available since 2011 and is designed to help manage the library operations efficiently. Librarians can manage and keep track of a wide range of resources, including books, journals, magazines, and more. The important functions are circulation management, which assists in monitoring the movement of items within and outside of library, and cataloging, which arranges library resources and generates item records.

Books can be borrowed, returned, and renewed using a fully computerized bar-coded services. An exclusive reference section includes newly arrived books, hand books, encyclopaedia,

dictionaries, Ph.D. thesis, question banks and competitive exam books.

Librarian and library staff helps the users to have smooth access to resources, retrieval and full support in case of physically challenged students. The library also collaborates with INFLIBNET, DELNET and MALIBNET, a network of libraries that promotes cooperation and resource sharing. As an electronic gateway, J-Gate also provides access to millions of journal articles.

The library is equipped with 30 computers with internet facility. Students have access to a wide range of electronic resources, such as databases, electronic books, journals and remote resources. IEEE journals that share research findings among the distinguished journals in the e-Resource Journal Collections.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://smvec.ac.in/facilities/#Library

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

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)

41.025

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

1984

File Description	Documents
Any additional information	View File
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 1500 computers with high configuration for students and staffs. 125 computers had purchased in the year 2022-2023.

BSNL provides 500 Mbps of accessible internet capacity. The institute refreshes its internet connection annually. In the year 2022-2023, internet speed increased from 350 Mbps to 500 Mbps. Additionally, a line with JIO that was originally scheduled to operate at 150 Mbps. Sonic Wall provides firewall services to the institution and this has been available in use for over ten years. The support license is renewed annually and maintenance costs of one lakh rupees.

The Institute uses the RUIJIEE cloud to power a WIFI-free campus. 160 access points and more than 40 switches are located to provide internet access. Cat 6 cables are used to connect switches to the systems. The institute works with open-source operating systems such as Ubuntu OS, other software tools and it possesses license copies of the Windows operating system.

The institute buys printers with the departmental requirements.

The 50 laser printers are in the institute. Cisco 1900 and DLINK have given with a networking switch that can handle 1 GBPS of traffic.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/facilities/#Computing Facilities

4.3.2 - Number of Computers

1500

File Description	Documents
Upload any additional information	View File
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	View File

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)

615.6

File Description	Documents
Upload any additional information	View File
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.

Sri Manakula Vinayagar Engineering College is steadfast in upholding a robust Infrastructure Maintenance policy aligned with statutory guidelines to meet standards in both quantity and quality. This commitment spans all departments in Engineering /Architecture, and other functional areas, ensuring an optimal environment for teaching-learning process. The policy emphasizes regular infrastructure upgrades, inventory management and the maintenance of a comprehensive asset register. Cleaning routines, preventive, corrective maintenance, annual contracts, and insurance coverage safeguard equipment. Transparent accounting practices underscore financial responsibility, fostering a secure and conducive learning environment through continuous improvement and adherence to evolving educational requirements.

The institution has extensive manpower to ensure the proper maintenance of physical infrastructure facilities available in the campus like classrooms, laboratories, computer labs, library, Sports centres etc,. The maintenances works are carried out through Electrical, Civil, Mechanical, Plumbing wings in the college. An adequate care is ensured by maintenance in-charges for the continuous functioning of essential support services. The maintenance department inspects the various aspects of utilization and maintenance of the physical, academic and support facilities and also examine proper and continuous functioning of Water pumps, mineral water plant, Electrical Power house, solar power, civil works, air conditioners, UPS and computer systems.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/wp-content/Files/accreditation/naac/igac/policies/Maintenance_Policy.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

1944

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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

762

File Description	Documents
Upload any additional information	No File Uploaded
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://smvec.ac.in/placement/
Any additional information	View File
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

5271

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

5271

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

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

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	View File

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

932

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

44

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

16

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
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.

8

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

The Student Council at SMVEC serves as a vital platform for students to actively engage with the academic and administrative structures of the institute. It plays a pivotal role in cultivating a positive learning environment, promoting student involvement, and advocating for the rights and concerns of the student body. The Council is committed to fostering holistic development and creating a conducive atmosphere for individual growth.

Each class is represented by dedicated class representatives who, in collaboration with the class advisor and Head of Department (HoD), address well-being, behavior, and resolve issues within the class. Quality Circle Meetings bring together students from various sections to discuss curriculum, teaching methodologies, campus safety, and facility improvements.

The NSS Committee actively organizes events such as Blood Donation Camps, Swachh Bharat Abhiyan, Yoga Day, Tree Plantation, and various training programs. The Literary Association enhances students' literary skills through competitions on significant national events like Independence Day and Republic Day.

The Sports Committee encourages student participation in both indoor and outdoor sports activities, organizing the annual inter-collegiate competition. In addition, students' contribution is involved in various activities of Department Clubs. Student volunteers play a crucial role in organizing conferences, workshops, sports events, and cultural activities.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/facilities/
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

48

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

Alumni Association of SMVEC holds a significant role as vital stakeholders contributing immensely to the multifaceted development of the College. During the annual meeting held every August, students from senior batches are inducted into the alumni association.

Alumni actively participate in key institutional bodies such as the Internal Quality Assurance Cell (IQAC) and the Board of Studies (BoS). Their involvement extends to offering internships, assisting in placement activities and organizing industry visits. Experts from the alumni community are frequently invited to deliver guest lectures, conduct workshops, and participate in panel discussions, providing valuable real-world insights that enrich the academic curriculum and broaden students' perspectives.

Mock interviews are also conducted during their visits to enhance students' preparedness for the professional world.

Successfully placed alumni serve as mentors and crucial connectors for the professional aspirations of current students. Their involvement contributes to a continuous increase in the institution's placement percentage. Alumni play a pivotal role in helping final-year students across various engineering, business administration, and computer application streams to secure placements and internships in companies

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/19ROvMJtcsbfTVETBYyyhduSuBiqxRCRr?usp=sharing
Upload any additional information	View File

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Internal Quality Assurance Cell (IQAC) oversees the Academic Calendar, ensuring its adherence, workload approval, and departmental timetables. It also verifies Quality Circle Meeting reports and implements rectification measures.

- Updates policies for transparency and understanding among stakeholders while extending ISO certifications: Quality Management (ISO 9001-2015), Environmental Management (ISO-14001-2015), and Energy Management (ISO-50001-2018).
- Sponsors faculty for Universal Human Values Certification and encourages NPTEL course completions, earning the institution an A rating. Establishes the Bamboo Society of India College Chapter for the upcoming sustainable engineering course.

- Activates non-statutory bodies, societies, and clubs. Hosts Knowledge Enhancement Lecture Series utilizing faculty expertise and sponsors an FDP for English proficiency in Academic Management.
- Sponsored senior faculty for national workshops on NIRF Ranking and Curriculum Framework. Oversees both internal and external audits for academics and administration.
- Promotes Higher Studies abroad and establishes MoUs for implementation.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/about-us-engineering-college-pondicherry/#composition-of-governing-body
Upload any additional information	View File

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

The Institute promotes a culture of decentralized governance system for its growth. The Head of the Institution is empowered with full autonomy for overall monitoring of administrative and academic activities to cater to the Institution's Vision and Mission. The BoS, Academic Council and Department Advisory Committee are empowered to design, implement and monitor the curriculum, syllabi and assessments. Finance committee constituted by the Director cum Principal is given autonomy to take decisions related to planning, implementation, and management of all financial resources.

The Controller of Examinations (CoE) is responsible for the announcement of Examination Time Table, Preparation of Question Papers, Conduct of End Semester Examinations, Evaluation of Answer Scripts, Declaration of results and Issuing of Grade Sheets. IQAC Coordinator has the autonomy to make modification and systematize the efforts and measures towards academic excellence. Faculty autonomy empower them to independently design courses, choose teaching methodologies, conduct research, and make academic decisions. It fosters innovation, encourages creativity and cultivates a conducive environment for academic growth, leading to improved learning experiences and advancements in engineering education. Students are assigned individual responsibility like Class representatives, Class committee members, coordinators for

co-curricular and extra-curricular activities and college events.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/about-us-engineering-college-pondicherry/committees/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic Goal Major Accomplishments Academic Excellence

- Curriculum revised every 3 years for industry relevance.
- Utilization of diverse e-learning methods to facilitate flexible access.
- Provision of open elective courses to broaden academic options

Deemed University Status

- Consistently securing 'A' grades in NAAC, with an aim for A++.
- Accreditation of programs by NBA.
- Strong research output and emphasis on multidisciplinary studies.
- Offering diverse undergraduate and postgraduate programs with a focus on research.
- Active engagement in research through publications, doctoral programs, and various research activities

Faculty Strengthening

For the past two years

- 35% PhD faculty, targeting 50% by 2026.
- Attainment of over 150 SWAYAM-NPTEL certifications.
- 90% faculty participation in FDPs for enhanced domain knowledge

Student Development

- 50% internship participation.
- 60% domain-related MOOC completion.

- GATE and competitive exam coaching.
- 95% students completed international certificate courses in IBM, Google, Microsoft...etc.
- Empowering Students for Community Development

Core Company Placements

- Utilization of alumni connections for internships and placements.
- Facilitation of core company internships for practical experience.
- Showcasing student talent through Project Expos.
- Participation in technical competitions organized by core companies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://smvec.ac.in/accreditation/
Upload any additional information	View File

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 institutional bodies in SMVEC exhibit a clear alignment between their policies, administrative structures, appointment regulations, and procedural frameworks. Policies serve as guiding principles, delineating the college's objectives, academic standards, and operational guidelines. These policies often address diverse aspects, including curriculum design, research priorities, student support, and ethical practices, reflecting a commitment to quality education and holistic development.

A well-defined hierarchy established in SMVEC fosters effective decision-making, resource allocation, and streamlined operations, ensuring the institution functions cohesively towards its goals. Appointment and service rules establish equitable norms for hiring faculty and staff, emphasizing qualifications, expertise, and experience. Transparent recruitment processes uphold fairness and meritocracy, attracting talent that enhances the institution's academic prowess.

Procedures adopted in the Institute underpin the day-to-day functioning, spanning academic governance, financial management, and student services. Streamlined processes optimize efficiency, reducing bureaucratic hurdles and enabling swift responses to academic and administrative needs.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/igac/#Policy
Link to Organogram of the institution webpage	https://drive.google.com/drive/folders/1vCRogflTKHrCHbzICH5PwqFxbRo7_75L?usp=sharing
Upload any additional information	View File

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 interfaces	View File
Any additional information	View File
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

- Awards and Recognition for achievements
- Leave facility such as Casual Leave, Medical Leave, Maternity Leave and marriage leave for faculty and Staff
- On-duty provision
- Vacation during summer and winter
- Transport & Hostel facilities
- Canteen facilities

- ATM facilities within the campus
- Accidental Group Insurance for Faculty members
- Seed Money to undertake research by faculty members
- Cash incentives for publication in reputed Journals/Books
- Financial Support to attend Conference/seminar/workshop/FDP/Industrial Visit and Professional society Membership
- Financial support to file and publish patents
- Incentives for Ph.D. Completion to encourage research
- Fee Concession up to 50% for children of faculty and staff studying at SMVEC.
- Free/Concession for Medical Treatment at Sri Manakula Vinayagar Medical College and Hospital.
- Provident Fund and Gratuity
- Interest free Personal Loan for needy Faculty Members
- Marriage gift, Diwali gifts
- Encouraging to register for Ph.D. program to enhance their qualifications.
- Annual Self Appraisal for Career promotion and annual increment
- Promotions for deserving faculty members
- Regular In-house Quality Enhancement and Training Programmes for Faculty and staff.
- Regular health related programmes (Yoga, Meditation, General check-up)
- Industry Training to bridge industry-academia gap for Faculty and Staff
- Faculty Sports organized annually
- Faculty trip arranged annually.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1fxUxc5TZTBeOvs0XR-daWL57NY9hQe_c/view?usp=sharing
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

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

6.3.3 - Number of professional development /administrative training 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

54

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

528

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
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 college has a standard performance appraisal system that evaluates the performance of the faculty on various parameters. The performance of the staff is objectively evaluated at the end of each academic year based on their contributions to academics, research, administration responsibilities and societal outreach.

The faculty members are assessed based on the teaching pedagogy adopted, teaching materials prepared, student feedback, publications in reputed journals, research grants received, patents, books authored, consultancy provided, participation in workshops, faculty development programmes, editor or reviewer of journals, participation in outreach programmes, additional responsibilities, membership in professional bodies etc.,

Non-teaching staff are evaluated by the respective Department Heads, who assess them based on their knowledge and expertise, attendance, and punctuality. A review committee constituted reviews the performance of every staff member and recommends annual increments, promotions, and career advancement

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/igac/#Policy
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

SMVEC conducts a range of internal and external financial audits throughout the year to maintain financial accountability and compliance. Internally, the institution performs operational audits, focusing on the efficiency of administrative and operational processes. Compliance audits ensure adherence to internal policies, regulatory guidelines, and industry standards.

Externally, the institution engages independent auditing firms to conduct annual financial audits. These external audits scrutinize the college's financial records, statements, and transactions to verify accuracy and compliance with applicable accounting standards and legal regulations. Furthermore, specific audits, such as tax audits or statutory audits mandated by regulatory bodies, are conducted to ensure compliance with tax laws and other statutory requirements.

The college ensures transparency and accountability by promptly addressing any audit findings or discrepancies. A structured resolution process involves investigating identified issues, implementing corrective actions, and documenting the steps taken to rectify the concerns raised in the audits. This comprehensive approach to internal and external financial audits upholds the institution's financial integrity and fosters trust among stakeholders.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/about-us-engineering-college-pondicherry/
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)

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Financial sources • Grants received from various government and nongovernment organization. • Utilization of the institution's facilities and resources to generate income (SMVEC is the centre for various entrance and online examination NEET, JEE, GATE and NPTEL) • Applying for various funded research projects agencies • Applying funds for infrastructure development under the various schemes • Applying funds for conducting conferences, workshops, and seminars • Providing consultancy services to clients in industry and academia • Organizing training programmes and workshops on various thrust areas • Donations, sponsorships.

Optimal utilization of resources The fund is utilized for the following activities of the Institution • Improving the teaching and learning process • Provision of student support services • Training and Development • Faculty Development Initiatives • Provision of welfare facilities for faculty and students • Industry academia interactions • Maintenance and upgradation of ERP • Infrastructure development • Development of Digital Infrastructure • Upgradation of library facilities • Technology upgradation and upgradation of laboratory infrastructure • Construction and renovation of faculty rooms, classrooms, and smart classrooms • Setting up of Centers of Excellence • Establishing advanced laboratories • Establishing state-of-the-art research infrastructure • Repairs and maintenance of infrastructure • Advertisement and promotion

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1p3wGYNecW4HWxfjZfhXu6KlPpvxTheAt/view?usp=sharing
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

The Internal Quality Assurance Cell (IQAC) oversees the Academic Calendar, ensuring its adherence, workload approval, and departmental timetables. It also verifies Quality Circle Meeting reports and implements rectification measures.

- Updates policies for transparency and understanding among stakeholders while extending ISO certifications: Quality Management (ISO 9001-2015), Environmental Management (ISO-14001-2015), and Energy Management (ISO-50001-2018).
- Sponsors faculty for Universal Human Values Certification and encourages NPTEL course completions, earning the institution an A rating. Establishes the Bamboo Society of India College Chapter for the upcoming sustainable engineering course.
- Activates non-statutory bodies, societies, and clubs. Hosts Knowledge Enhancement Lecture Series utilizing faculty expertise and sponsors an FDP for English proficiency in Academic Management.
- Sponsored senior faculty for national workshops on NIRF Ranking and Curriculum Framework. Oversees both internal and external audits for academics and administration.
- Promotes Higher Studies abroad and establishes MoUs for implementation.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/iqac/
Upload any additional information	View File

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

IQAC prepares and oversees the events outlined in the academic calendar. It meticulously assesses the teaching-learning process through quality circle meetings held before each continuous assessment test. Monthly, it reviews syllabus coverage across all departments, promptly addressing any negative feedback received and taking remedial actions through the respective Department Heads.

- Feedback from stakeholders on curriculum design is collected and analyzed for effective implementation at each semester's conclusion. The mentor-mentee system undergoes periodic reviews by IQAC to ensure its effectiveness in advancing students to the next level.
- IQAC monitors the administration of continuous assessment tests and model exams for all listed courses. It conducts analysis of end-semester examination results, initiating corrective measures as necessary.
- Encouraging student participation in online internships and industrial visits, IQAC promotes experiential learning. It extends support in conducting Academic Administrative audits, addressing non-conformance observations.
- Through these proactive measures, IQAC enhances Outcome-Based Learning, leading to increased success in national-level hackathons, placements in reputable MNCs, greater publication and patent numbers, a rise in students pursuing higher education, and an increase in student entrepreneurship

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/iqac/#minutes_of_meeting
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://smvec.ac.in/naac/igac/
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

The institution strives to develop inclusive practices to support and nurture gender equity in following ways

- The use of gender sensitive language is followed in all institutional documents.
- Provide equal opportunity for the girls to build their personality, self-confidence and leadership qualities in academic, co-curricular, extra-curricular, extension activities.
- Girl students are encouraged to participate in various national events and competitions like hackathons etc., sports and games.
- Gender sensitive equity and legal features supporting women programmes are offered throughout the year. The effective functioning of anti-sexual harassment committee organises awareness programme on gender equity, sexual harassment and legal support.
- Infrastructure with good sanitation and hygienic facilities, fully functioning rest rooms, round the clock surveillance camera made girl students and women employees a safe and pleasant environment inside the campus.
- Gender equity is followed in recruitment of faculty members, employees and their promotions. It is evident that 40% of employees are women and around 45% are occupying senior positions examples dean, Head of the Department

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1Kqps9fvFiP948PJpwFsD7yByHv846vkc/view?usp=sharing
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://drive.google.com/file/d/1I6a6T30s5mUxAc5TIzloSYAOulKYZ255/view?usp=sharing

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

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The college emphasizes waste management through awareness programs, educating students on the importance of waste segregation and disposal in designated bins. Non-biodegradable waste is transferred to larger bins and collected by an authorized waste collector. Biodegradable waste undergoes composting to produce fertilizer. Single-use plastic is banned in compliance with government regulations.

Liquid waste from various sources is treated and recycled at a centralized sewage treatment plant, with the treated water used for gardening.

A negligible amount of biomedical wastes are generated from the first aid boxes are collected from the college premises for safe disposal through authorities of Sri Manakula Vinayagar Medical College and Hospital, Madagadipet, Puducherry.

E-waste, including old electronic gadgets, is stored separately and reused, recycled, or disposed of through authorized vendors. Non-hazardous e-waste is creatively repurposed for decoration during college events. Awareness programs and seminars promote proper e-waste management, overseen by the college waste management committee.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
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	View File

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	View File
Any other relevant documents	View File

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

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

7.1.7 - The Institution has 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	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

SMVEC has contributed and taken initiatives in providing an inclusive environment wherein the tolerance and harmony has inculcated towards cultural, regional, linguistic, communal socioeconomic and other diversities. This is done to generate the feeling of oneness and social harmony.

- Under Unnat Bharat Abhiyaan (Under Ministry of HRD) the NSS Unit of our college had adopted a Kizhoor village in Puducherry region to conduct activities for their socioeconomic development.
- It includes surveys, awareness programmes, cleaning activities and medical camp in this village for increasing their environmental and ethical awareness.
- The institution celebrates national festivals, birth anniversaries of leaders and great Indian personalities, cultural linguistic and other diversities.
- In college annual day celebration we organised traditional dress competition and fancy show to display the different attire representing the different states, religions and cultures.
- Programs are organised on art of living, ethics, and spirituality to create communal harmony.

Apart from the above, we have also celebrated National and International Days, Events and Festivals to bring tolerance and harmony among the students and staff and other stakeholders

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	View File

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

Our institution has included Indian Constitution, Essence of Indian Traditional Knowledge, Professional Ethics and Human Values in the curriculum. Through these courses, students were taught and to understand the human values, rights, duties of every citizen as enshrined in the constitution.

Programmes were arranged and celebrated such as Republic Day, Independence Day, National integration day are celebrated educating the students on the sacrifices made by our leaders and imparting the value of freedom. National Constitution Day and National Voters days were also celebrated among the students and staff members to instil oneness as an Indian and reminded them of the constitutional obligations and duties.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1RuZmMeeIDG17IvdfREtRDZy9CSgt0gGw/view?usp=sharing
Any other relevant information	https://drive.google.com/file/d/1maId7W4AqTY0d4vkhHd-MwHRass65mll/view?usp=sharing

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

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	View File

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

Sri Manakula Vinayagar Engineering College is one of the Institutions where we used to celebrate/organize National and International Commemorative days and Festivals among the students and faculties to spread the message of Unity, Love and peace. SMVEC is keen to celebrate these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders who contribute to life for freedom. Our college regularly celebrates festivals as they are an integral part of learning and building a strong cultural belief among the student community. Such celebrations bring the students closer to each other's traditions and beliefs and also develop respect and understanding for our nation's customs and traditions.

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	View File
Any other relevant information	View File

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 - I Title: Effective Career Counselling in

Institution

Objectives:

- Help students choose suitable careers.
- Provide skill development and enhance employability.
- Guide students in setting goals.
- Improve communication and employment opportunities. Encourage higher studies in reputed universities.

Practice:

Early counselling, mentorship, domain-specific guidance, hands-on training, skill development course, professional skill development, industry collaborations, and tie-ups with professional bodies.

Evidence of Success:

Students excel in interviews, competitions, and secure placements. Increased internships and higher education opportunities.

Challenges and Resources:

Diverse student backgrounds require bridge courses. Focus on average and slow learners. Additional faculty support is needed.

Best Practice - II Title: Student Support System

Objectives :

Support students academically, emotionally, and technologically during and after the pandemic, while enhancing placement opportunities.

The Practice: Online and offline classes, extended library hours, animated presentations, academic calendars, lab facilities, professional chapters, a center of excellence, mentor-mentee system, training and placement cell, AICTE IdeaLab.

Evidence of success: Professional offline exams, high pass rates, project publications, nationwide achievements, enhanced skills, timely degree completion (85%), over 80% placement with 5 lakh average salary, numerous design patents.

Problems encountered and resources required engaging students online, addressing academic/personal issues, restoring

focuspost-pandemic, promoting library and Idea Lab utilization.

File Description	Documents
Best practices in the Institutional website	https://smvec.ac.in/wp-content/Files/Hometitle/Best Practices 2022 23.pdf
Any other relevant information	https://drive.google.com/drive/folders/1NieAd0A1exuOw0BmknZRJpno3Dx-ckyD?usp=sharing

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

SMVEC has made a Memorandum of Understanding with Train Lab Academy, Bangalore to provide international certification to students in their domain specific to expertise on the course of study. 90+ international certification are provided through 197 center of excellence wherein the students are exposed to the latest requirement of the industrial needs. The certification courses offered are structured in such a manner to cater their requirements of industry 4.0. This exposure gains confidence to the students on the latest techniques and technologies to face the interviews during their placement. The facilities of offering such courses makes students to develop interest in their respective discipline and there is an appreciable increase of students moving to higher studies.

The international certification course is given to students starting from the first semester to sixth semester. These courses are handled through Train Lab Academy, Bangalore wherein they engage eminent expertise from academic/ industry personnel in sharing and giving their valuable inputs to the students. The courses are offered to the students. Even though the completion of certification course does not carry any credits a mandate pass is essential to receive his/ her degree.

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

Sri Manakula Vinayagar Engineering College (SMVEC) meticulously plans curriculum delivery based on stakeholder feedback and BOS suggestions, following the Choice Based Credit System (CBCS) outlined in SMVEC R2019, R2020, and R2023. The Academic Committee designs semester-wise calendars, aligning with academic schedules, and departments create event calendars accordingly.

Heads of Departments (HoD) allocate courses to faculty considering expertise and preferences. Instructors develop Course Outcomes (COs) aligned with Program Outcomes (POs) and Program Specific Outcomes (PSOs). Timetables accommodate theory, labs, and projects, with provisions for remedial classes and industry certifications. Lesson plans and materials emphasizing Outcome Based Education (OBE) are uploaded for faculty use.

Beyond course delivery, the institute conducts various skill enhancement activities. Continuous Assessment Tests (CAT) help identify slower learners, who receive additional support, while advanced learners are encouraged to pursue self-learning courses. Regular reviews by academic committees ensure effective curriculum delivery, aligned with the institution's goal of providing globally competitive education.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://smvec.ac.in/naac/igac/

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

The Institution publishes an academic calendar each semester, which includes crucial dates such as the start and conclusion of the semester, schedules for Continuous Assessment tests, and

end-of-semester examination dates. SMVEC closely follows this timetable and plans its activities, including Continuous Internal Evaluation (CIE), accordingly. Each department creates its calendar, which details the number of working days, holidays, and CIE dates. These dates may include guest lectures, workshops, and other activities. Following the academic calendar ensures fair and consistent CIE for all students, promoting a level playing field and timely assessment completion.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/file/d/1iTZ5ccHzHDBGmYL7idYEKNurbwfbMFK/view?usp=sharing

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

22

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)

217

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

18157

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

At SMVEC, our commitment revolves around nurturing an educational realm that surpasses traditional disciplinary confines. We focus on fostering socially responsible and ethically conscious leaders, seamlessly integrating crosscutting issues into our curriculum.

Professional Ethics:

In our evolving global landscape, ethical considerations take precedence. Our curriculum incorporates specialized modules that explore professional ethics, prompting students to navigate real-world scenarios and ethical frameworks relevant to their fields.

Gender Sensitivity:

Promoting inclusivity and gender equality is pivotal in our institution. We've embedded gender studies in courses, ensuring a nuanced understanding of diverse perspectives. By creating a gender-sensitive academic environment, we empower students to contribute to a more equitable society.

Human Values:

Acknowledging holistic education's significance, we infuse human values, philosophy, and ethics throughout our curriculum. This encourages students to reflect on personal values, establishing an ethical foundation extending beyond academia.

Environment and Sustainability:

Environmental stewardship is integral. Our curriculum encompasses environmental science, sustainability, and climate change, inspiring students to drive positive change and address real-world challenges.

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

31

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

2131

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://smvec.ac.in/feedback-form/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://smvec.ac.in/feedback-form/

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

1574

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

936

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

At our Institute, we embrace a culture of inclusivity and support, catering to the diverse needs of advanced, average, and slow learners. Each student's unique abilities and

challenges are recognized, and the necessary guidance and motivation are provided to excel.

Advanced learners are encouraged to participate in Hackathons, and prepare for competitive exams like GATE, CAT, TOEFL, and GRE. They are provided with opportunities to work with faculty-guided projects, attend conferences, workshops, and publish papers to enrich their academic journey. Their achievements are recognized through certificates and mementos during college day celebrations.

Average learners are provided with opportunities to participate in co-curricular activities along with advanced learners. They receive personalized attention through faculty mentors, additional tutoring, and skill enhancement workshops.

For slow learners, coaching classes are arranged during study holidays and revision sessions before exams. Faculty mentors counsel the students to cope up with the academic challenges. A supportive environment empowers them to overcome challenges and achieve growth.

Through continuous assessment and individualized support, the institute prepares students to become versatile, ready to make positive contributions to society. Our Institute values every student's potential, provides the necessary training, guidance and motivation for all to succeed

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1cVDX2gKudOu2hAOBItQ1zFiQeBwKRf9o?usp=sharing
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
5346	480

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

Sri Manakula Vinayagar Engineering College boasts a longstanding commitment to prioritizing experiential learning, participatory learning, and problem-solving approaches to enrich the overall learning experiences of its students. These pedagogical methods are founded on the belief that active participation and the practical application of knowledge significantly contribute to deeper comprehension and lasting retention of the material.

Participatory Learning (i): In order to foster deeper understanding and skill development by transitioning from passive reception to active engagement, teaching strategies include:

- Group Discussions
- Peer Teaching
- Role Play
- Critical Thinking
- Case Studies

Experiential Learning (ii): Experiential learning, involving the process of learning through experience and reflection on doing, is implemented through various methods, such as:

- Project Expo
- Industrial Visits
- Poster Making
- Circuit Debugging
- Slogan Writing
- Hands-on Training

Problem-Solving Learning (iii): This learning approach aims to identify real-life problems and apply engineering principles and technologies to address them. Solutions are expected to manifest in practical applications. By seamlessly integrating these diverse and interactive learning methods, Sri Manakula Vinayagar Engineering College reaffirms its commitment to delivering a comprehensive education

File Description	Documents
Upload any additional information	View File
Link for additional information	https://smvec.ac.in/engineering_admission_details/#Highlights

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

Sri Manakula Vinayagar Engineering College is proactively integrating technology with traditional instructional methods to cultivate enduring learning experiences, aligning its educational approach with the demands of the contemporary workforce. The institute's commitment to optimizing and enriching its educational programs is evident through various ICT initiatives:

- Classrooms and laboratories are equipped with projectors, facilitating interactive visual learning experiences. Computer labs and faculty cabins are furnished with desktops and laptops, ensuring students gain practical, hands-on knowledge.
- Document management is streamlined through strategically placed printers, photocopiers, and scanners in prominent areas.
- The institution has seamlessly embraced online learning, utilizing platforms such as Zoom, Google Meet, Microsoft Teams, and Google Classroom.
- The integration of Massive Open Online Course (MOOC) platforms, including NPTEL, Coursera, Udemy, and Edx, exposes students to a diverse range of courses and the latest industry developments.

In addition to these initiatives, the institute provides a digital library that enriches research capabilities, granting easy access to an extensive array of academic resources. This comprehensive technological ecosystem underscores Sri Manakula Vinayagar Engineering College's dedication to fostering a well-rounded and contemporary learning environment for its students.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

412

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

480

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	View File

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

101

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

2720

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.

Our institute meticulously plans its academic calendar well in advance for each semester, encompassing internal tests/exams and end-semester examination dates. This comprehensive schedule is accessible to students on the college website, ensuring ample preparation time. Continuous Assessment Tests (CAT) align with the institutional calendar, affording students the opportunity for early preparation.

The examination timetable is disseminated to all classes well in advance, and assessments are conducted accordingly. Answer scripts are promptly evaluated within three days, and students have the chance to review and approve their marks. A transparent exam grievance mechanism addresses any discrepancies. Marks scored by the students are communicated to the parents by post.

CAT1 and CAT 2 are conducted at regular intervals with 1½ units

each for 50 marks after the commencement of semester from 4th and 8th week respectively; Model examination is conducted with 5 units for 75 marks before end semester examination. In addition, 2 assignments are given to the students during the 4th and 8th week of the semester. The Corrected assignments are given to the students for verification and improvement.

For practical courses, internal assessment marks hinge on students' lab performance and viva-voce during continuous lab practices and model laboratory examinations.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1a-3SxF1C5Mln42DbKFNkhc_pLeU0Mao2?usp=sharing

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

A well-established three tier mechanism is adopted to address the grievance of the students that includes course teacher, department level committee and Academic Appeal Board (AAB).

After the conduction of internal examination, students are distributed with the valuated answer scripts within 3 days; thus they verify their marks and fill the feedback for the question paper and evaluation. Trouble-free issues like totaling mistakes, unevaluated answer etc., are addressed directly to course teacher and get resolved immediately. If student finds anomalies in the award of marks, they can raise the issue to the HoD through formal letter. The HoD convenes the committee and resolves the issue within a day. If the student is still dissatisfied, he/she can report to the AAB by writing a proper letter to the Board. The AAB is constituted with Dean Academics as convener and two senior level professors as members, and concerned HoD and Class Advisor as co-opted members. The board will examine the complaint and recommend appropriate measures to the Head of the Institution for necessary action. The entire process needs to be completed within ten days.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/10Y5sta3qPNfND681V_26MAGblkH06vwI?usp=sharing

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.

Each department has its Vision and Mission in line with Institute Vision and Mission. Programme Educational Objectives are framed to achieve the department vision and mission. The institute adopts the Programme Outcomes given by the National Board of Accreditation. Programmes Specific Outcomes are framed as per the required programme specific competencies.

Communication to the Students

- POs, PSOs, COs are communicated through academic calendar, curriculum, Regulations books, notice boards, laboratory records, lecture notes, LMS.
- On the first day of class, each course teacher explains POs, PSOs, COs to students.

Communication to the Faculty

- The faculty members primarily involved in drafting POs, PSOs and COs and thus have very good awareness of the same.
- For new faculty members, the POs, PSOs and COs are communicated during the faculty orientation programmes.
- It is discussed again during any important department meeting for the purpose of reiteration.

Communication to other stakeholders

- The POs, PSOs and COs are communicated to the alumni, employers through the department brochures.
- All the POs, PSOs and COs are made available in college website for the parents, industries, other visitors.
- The POs and PSOs are explained to the Parents during Parent Teacher Meetings.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/document/d/1wKQsEB1oe5Vg3Q9pcvyea_7QNHmF7Dk/edit?usp=sharing&oid=105035851742651947738&rtpof=true&sd=true
Upload COs for all Programmes (exemplars from Glossary)	View File

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

A well-laid system is implemented to measure CO, PO, PSO attainment. Various Assessment Tools are integrated in examination system for measuring CO attainment. COs are mapped with the weightage of 3, 2, 1, and 0 to the POs and PSOs based on correlation. Both direct and indirect methods are used for measuring the CO and PO & PSO attainment.

For CO attainment, direct methods used are the marks of students obtained in assessment tools such as Continuous Assessment Tests, Assignments, Practical Examinations and End Semester Examinations; indirect method used is course exit survey. The overall CO attainment is calculated with 80% CO attainment through direct method, 20% of CO attainment by indirect method.

For PO & PSO attainment, direct method includes CO attainment values, indirect method includes student exit survey, parent survey, alumni survey and employer survey. Overall PO& PSO attainment is calculated with 80% from direct measure, 20% from indirect measure.

Each department has a Department Advisory Committee (DAC) which verifies the attainments periodically. At the end of semester, DAC evaluates the attainment of COs and POs & PSOs. In case of non-attainment, corrective measures such as use of activity based teaching, additional tutorials, etc., are suggested for improvement.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/drive/folders/191-ORkW1Mvr9jYucTyShmlyJcqFRqXrW?usp=sharing

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

1240

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	https://drive.google.com/file/d/1prNv9Q5ezXyGQaMKjNo9jaGjjOZP-RZE/view?usp=sharing

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://drive.google.com/drive/folders/1Br1JSgGNqAjOTBHombvd47R25wWshDas?usp=sharing>

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)

29.75

File Description	Documents
Any additional information	View File
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

43

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

11

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.amtheat.com/

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 provides an environment that fosters innovation and incubation. Necessary facilities are provided for students, and guidance is extended to help them in their innovation and incubation efforts. Students are encouraged to apply technology to address societal needs. Support is given for the publication of research papers, conference participation, and obtaining patents. Awareness meets, workshops, seminars, and guest lectures on entrepreneurship are organized. Students have the opportunity to directly interact with successful entrepreneurs in various fields. Product service Training is provided for creating awareness on marketing the products. Training is provided to create awareness about marketing products.

The sole objective of the Incubation Center is to facilitate students to convert their Ideas into Technological Innovations. Facilities are provided for students to build prototypes for the promotion of agriculture and rural development. Financial assistance is given for both major and minor research projects. The college has recognized research centers in fostering academic and research activities. Students are encouraged to pursuing Ph.D Programme. Students have initiated startups to transform their innovations into economic growth.

The college has recognized as a host center by external organizations like Micro, Small and Medium Enterprises (MSME). Students participated in various competitions, such as those organized by SAE India, showcasing their innovations in Designing and fabrication of E-Vehicles. Enable the student for the Industry 4.0 revolution and technologies

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/

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

60

File Description	Documents
Report of the event	View File
Any additional information	View File
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

48

File Description	Documents
URL to the research page on HEI website	https://smvec.ac.in/researchdevelopment/
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

235

File Description	Documents
Any additional information	View File
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

77

File Description	Documents
Any additional information	View File
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

Students of Sri Manakula Vinayagar Engineering College are continuously exposed to the social issues of nearby communities through community service activities. National service scheme, Red Ribbon club, Electoral literacy club, Women empowerment cell, Eco clubs, Societal blooms, and Nila Community radio station have continuous interaction with the nearby rural community and address their issues in a need-based manner.

The volunteers do selfless service by creating awareness activities, eco-friendly practices in rural areas, skill development training for unemployed youth, and socio-economic development programs for the upliftment of rural women. These extension activities enable our students to acquire knowledge through service learning and understanding the prevailing culture of rural society and analysing specific social issues. Our blood-on-need service is appreciated by the blood banks of both government and private hospitals in Puducherry. Many self-help groups, old age homes, and orphanages have benefitted from the service activities of our volunteers.

Adopting the guidelines of NEP 2020, to provide holistic growth of students both intellectually and spiritually our extension activities create an impact on their behavior and broad understanding about the society they belong. In turn, these life education practices benefit the rural population and create a win-win situation thereby addressing sustainable development goals.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/extension-activities/
Upload any additional information	View File

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

10

File Description	Documents
Any additional information	View File
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

22

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
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

20

File Description	Documents
Report of the event	View File
Any additional information	View File
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

932

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
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

58

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

The Institute has an eco-friendly infrastructure comprised of distinct blocks to various Schools for Engineering, Architecture, Management and Computer applications in a greenish environment. The institute stands as a beacon of academic excellence, offering a magnanimous and well-equipped environment for learning. The heart of the educational ecosystem lies in the 116 spacious and well-furnished classrooms, designed to foster an enriching teaching-learning experience. These classrooms are equipped with modern teaching aids and audio-visual tools, enhancing the learning experience and facilitating dynamic interaction.

To enhance the practical learning, the institute has 66 cutting-edge laboratories spanning various disciplines. These laboratories provides hands-on experiences and allowing students to apply theoretical knowledge in real-world scenarios. In addition, the facilities includes 14 seminar halls, an air-conditioned auditorium, conference halls and 26 computing centers, each equipped with state-of-the-art technology to facilitate research and collaborative work.

The infrastructure further extends to a central library, departmental libraries and AICTE IDEA Lab. This comprehensive setup underscores the commitment to provide a holistic educational experience, where students not only excel academically but also have access to resources that foster innovation, research, and personal development.

The institution is dedicated to eco-friendliness and

sustainability, employing renewable energy sources like solar power generation.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/luoDMH5TP4Buj85YclFlg97xSONLA35p0?usp=sharing

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

The institute focuses on student development through participation in co - curricular and extra-curricular activities. In order to support this development, the institution has the sports, cultural and gymnasium facilities which are kept open beyond the working hours for students and staff. Outdoor and Indoor sports are also encouraged among the students to groom them with qualities like leadership, team spirit and competitiveness in various competitions.

Cultural:

To bring out inherent talent of the students, institute is celebrating SPARK'S event every year where students have showcased their extracurricular skills. The institution has a well-equipped state of the art Air conditioned auditorium of 750 seating capacity.

Sports and Games:

The institute provides sports like Basketball, Volleyball, Cricket, Ball badminton, Tennis, Football, Throw ball, Kho-Kho, Kabbadi and indoor activities like Shuttle, Table Tennis, Carom and Chess. Every year institution conducts intercollege sports event NEXUS, to foster health and a vibrant culture of sports.

Gymnasium &Yoga:

The institute has an in-house gymnasium facility which the faculty and students can avail. The institute has dedicated space for Yoga and Meditation for improving mental and physical health of faculty and students. Also institution celebrates the

International Yoga day in the month June every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/extension-activities/sports/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**130**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/luoDMH5TP4Buj85YclFlg97xSONLA35p0?usp=sharing
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)****1360.90**

File Description	Documents
Upload any additional information	View File
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)

The library management suite 1.0 software has been available since 2011 and is designed to help manage the library operations efficiently. Librarians can manage and keep track of a wide range of resources, including books, journals, magazines, and more. The important functions are circulation management, which assists in monitoring the movement of items within and outside of library, and cataloging, which arranges library resources and generates item records.

Books can be borrowed, returned, and renewed using a fully computerized bar-coded services. An exclusive reference section includes newly arrived books, hand books, encyclopaedia, dictionaries, Ph.D. thesis, question banks and competitive exam books.

Librarian and library staff helps the users to have smooth access to resources, retrieval and full support in case of physically challenged students. The library also collaborates with INFLIBNET, DELNET and MALIBNET, a network of libraries that promotes cooperation and resource sharing. As an electronic gateway, J-Gate also provides access to millions of journal articles.

The library is equipped with 30 computers with internet facility. Students have access to a wide range of electronic resources, such as databases, electronic books, journals and remote resources. IEEE journals that share research findings among the distinguished journals in the e-Resource Journal Collections.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://smvec.ac.in/facilities/#Library

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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)

41.025

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

1984

File Description	Documents
Any additional information	View File
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 1500 computers with high configuration for students and staffs. 125 computers had purchased in the year 2022-2023.

BSNL provides 500 Mbps of accessible internet capacity. The

institute refreshes its internet connection annually. In the year 2022-2023, internet speed increased from 350 Mbps to 500 Mbps. Additionally, a line with JIO that was originally scheduled to operate at 150 Mbps. Sonic Wall provides firewall services to the institution and this has been available in use for over ten years. The support license is renewed annually and maintenance costs of one lakh rupees.

The Institute uses the RUIJIEE cloud to power a WIFI-free campus. 160 access points and more than 40 switches are located to provide internet access. Cat 6 cables are used to connect switches to the systems. The institute works with open-source operating systems such as Ubuntu OS, other software tools and it possesses license copies of the Windows operating system.

The institute buys printers with the departmental requirements. The 50 laser printers are in the institute. Cisco 1900 and DLINK have given with a networking switch that can handle 1 GBPS of traffic.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/facilities/#Computing_Facilities

4.3.2 - Number of Computers

1500

File Description	Documents
Upload any additional information	View File
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	View File

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)

615.6

File Description	Documents
Upload any additional information	View File
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.

Sri Manakula Vinayagar Engineering College is steadfast in upholding a robust Infrastructure Maintenance policy aligned with statutory guidelines to meet standards in both quantity and quality. This commitment spans all departments in Engineering /Architecture, and other functional areas, ensuring an optimal environment for teaching-learning process. The policy emphasizes regular infrastructure upgrades, inventory management and the maintenance of a comprehensive asset register. Cleaning routines, preventive, corrective maintenance, annual contracts, and insurance coverage safeguard equipment. Transparent accounting practices underscore financial responsibility, fostering a secure and conducive learning environment through continuous improvement and adherence to evolving educational requirements.

The institution has extensive manpower to ensure the proper maintenance of physical infrastructure facilities available in the campus like classrooms, laboratories, computer labs, library, Sports centres etc,. The maintenances works are carried out through Electrical, Civil, Mechanical, Plumbing wings in the college. An adequate care is ensured by maintenance in-charges for the continuous functioning of essential support services. The maintenance department inspects the various aspects of utilization and maintenance of the physical, academic and support facilities and also examine proper and continuous functioning of Water pumps, mineral water plant, Electrical Power house, solar power, civil works, air conditioners, UPS and computer systems.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://smvec.ac.in/wp-content/Files/accr-editation/naac/igac/policies/Maintenance_Policy.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

1944

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

762

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefitted 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://smvec.ac.in/placement/
Any additional information	View File
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

5271

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

5271

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

5.1.5 - The Institution 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	View File

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

932

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

44

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

16

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
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.

8

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

The Student Council at SMVEC serves as a vital platform for students to actively engage with the academic and administrative structures of the institute. It plays a pivotal role in cultivating a positive learning environment, promoting student involvement, and advocating for the rights and concerns of the student body. The Council is committed to fostering holistic development and creating a conducive atmosphere for individual growth.

Each class is represented by dedicated class representatives who, in collaboration with the class advisor and Head of Department (HoD), address well-being, behavior, and resolve issues within the class. Quality Circle Meetings bring together students from various sections to discuss curriculum, teaching methodologies, campus safety, and facility improvements.

The NSS Committee actively organizes events such as Blood Donation Camps, Swachh Bharat Abhiyan, Yoga Day, Tree Plantation, and various training programs. The Literary Association enhances students' literary skills through competitions on significant national events like Independence Day and Republic Day.

The Sports Committee encourages student participation in both indoor and outdoor sports activities, organizing the annual inter-collegiate competition. In addition, students' contribution is involved in various activities of Department Clubs. Student volunteers play a crucial role in organizing conferences, workshops, sports events, and cultural activities.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/facilities/
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

48

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

Alumni Association of SMVEC holds a significant role as vital stakeholders contributing immensely to the multifaceted development of the College. During the annual meeting held every August, students from senior batches are inducted into the alumni association.

Alumni actively participate in key institutional bodies such as the Internal Quality Assurance Cell (IQAC) and the Board of

Studies (BoS). Their involvement extends to offering internships, assisting in placement activities and organizing industry visits. Experts from the alumni community are frequently invited to deliver guest lectures, conduct workshops, and participate in panel discussions, providing valuable real-world insights that enrich the academic curriculum and broaden students' perspectives. Mock interviews are also conducted during their visits to enhance students' preparedness for the professional world.

Successfully placed alumni serve as mentors and crucial connectors for the professional aspirations of current students. Their involvement contributes to a continuous increase in the institution's placement percentage. Alumni play a pivotal role in helping final-year students across various engineering, business administration, and computer application streams to secure placements and internships in companies

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1ROvMJtcsbfTVETBYyhduSuBigxRCRr?usp=sharing
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) A. ? 5Lakhs

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 Internal Quality Assurance Cell (IQAC) oversees the Academic Calendar, ensuring its adherence, workload approval, and departmental timetables. It also verifies Quality Circle Meeting reports and implements rectification measures.

- Updates policies for transparency and understanding among

stakeholders while extending ISO certifications: Quality Management (ISO 9001-2015), Environmental Management (ISO-14001-2015), and Energy Management (ISO-50001-2018).

- Sponsors faculty for Universal Human Values Certification and encourages NPTEL course completions, earning the institution an A rating. Establishes the Bamboo Society of India College Chapter for the upcoming sustainable engineering course.
- Activates non-statutory bodies, societies, and clubs. Hosts Knowledge Enhancement Lecture Series utilizing faculty expertise and sponsors an FDP for English proficiency in Academic Management.
- Sponsored senior faculty for national workshops on NIRF Ranking and Curriculum Framework. Oversees both internal and external audits for academics and administration.
- Promotes Higher Studies abroad and establishes MoUs for implementation.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/about-us-engineering-college-pondicherry/#composition-of-governing-body
Upload any additional information	View File

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

The Institute promotes a culture of decentralized governance system for its growth. The Head of the Institution is empowered with full autonomy for overall monitoring of administrative and academic activities to cater to the Institution's Vision and Mission. The BoS, Academic Council and Department Advisory Committee are empowered to design, implement and monitor the curriculum, syllabi and assessments. Finance committee constituted by the Director cum Principal is given autonomy to take decisions related to planning, implementation, and management of all financial resources.

The Controller of Examinations (CoE) is responsible for the announcement of Examination Time Table, Preparation of Question Papers, Conduct of End Semester Examinations, Evaluation of Answer Scripts, Declaration of results and Issuing of Grade Sheets. IQAC Coordinator has the autonomy to make modification

and systematize the efforts and measures towards academic excellence. Faculty autonomy empower them to independently design courses, choose teaching methodologies, conduct research, and make academic decisions. It fosters innovation, encourages creativity and cultivates a conducive environment for academic growth, leading to improved learning experiences and advancements in engineering education. Students are assigned individual responsibility like Class representatives, Class committee members, coordinators for co-curricular and extra-curricular activities and college events.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/about-us-engineering-college-pondicherry/committees/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic Goal Major Accomplishments Academic Excellence

- Curriculum revised every 3 years for industry relevance.
- Utilization of diverse e-learning methods to facilitate flexible access.
- Provision of open elective courses to broaden academic options

Deemed University Status

- Consistently securing 'A' grades in NAAC, with an aim for A++.
- Accreditation of programs by NBA.
- Strong research output and emphasis on multidisciplinary studies.
- Offering diverse undergraduate and postgraduate programs with a focus on research.
- Active engagement in research through publications, doctoral programs, and various research activities

Faculty Strengthening

For the past two years

- 35% PhD faculty, targeting 50% by 2026.
- Attainment of over 150 SWAYAM-NPTEL certifications.
- 90% faculty participation in FDPs for enhanced domain knowledge

Student Development

- 50% internship participation.
- 60% domain-related MOOC completion.
- GATE and competitive exam coaching.
- 95% students completed international certificate courses in IBM, Google, Microsoft...etc.
- Empowering Students for Community Development

Core Company Placements

- Utilization of alumni connections for internships and placements.
- Facilitation of core company internships for practical experience.
- Showcasing student talent through Project Expos.
- Participation in technical competitions organized by core companies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://smvec.ac.in/accreditation/
Upload any additional information	View File

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 institutional bodies in SMVEC exhibit a clear alignment between their policies, administrative structures, appointment regulations, and procedural frameworks. Policies serve as guiding principles, delineating the college's objectives, academic standards, and operational guidelines. These policies often address diverse aspects, including curriculum design, research priorities, student support, and ethical practices, reflecting a commitment to quality education and holistic

development.

A well-defined hierarchy established in SMVEC fosters effective decision-making, resource allocation, and streamlined operations, ensuring the institution functions cohesively towards its goals. Appointment and service rules establish equitable norms for hiring faculty and staff, emphasizing qualifications, expertise, and experience. Transparent recruitment processes uphold fairness and meritocracy, attracting talent that enhances the institution's academic prowess.

Procedures adopted in the Institute underpin the day-to-day functioning, spanning academic governance, financial management, and student services. Streamlined processes optimize efficiency, reducing bureaucratic hurdles and enabling swift responses to academic and administrative needs.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/igac/#Policy
Link to Organogram of the institution webpage	https://drive.google.com/drive/folders/1vCRogflTKHrCHbzICH5PwqFxbRo7_75L?usp=sharing
Upload any additional information	View File

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	View File
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

- Awards and Recognition for achievements
- Leave facility such as Casual Leave, Medical Leave, Maternity Leave and marriage leave for faculty and Staff
- On-duty provision
- Vacation during summer and winter
- Transport & Hostel facilities
- Canteen facilities
- ATM facilities within the campus
- Accidental Group Insurance for Faculty members
- Seed Money to undertake research by faculty members
- Cash incentives for publication in reputed Journals/Books
- Financial Support to attend Conference/seminar/workshop/FDP/ Industrial Visit and Professional society Membership
- Financial support to file and publish patents
- Incentives for Ph.D. Completion to encourage research
- Fee Concession up to 50% for children of faculty and staff studying at SMVEC.
- Free/Concession for Medical Treatment at Sri Manakula Vinayagar Medical College and Hospital.
- Provident Fund and Gratuity
- Interest free Personal Loan for needy Faculty Members
- Marriage gift, Diwali gifts
- Encouraging to register for Ph.D. program to enhance their qualifications.
- Annual Self Appraisal for Career promotion and annual increment
- Promotions for deserving faculty members
- Regular In-house Quality Enhancement and Training Programmes for Faculty and staff.
- Regular health related programmes (Yoga, Meditation, General check-up)
- Industry Training to bridge industry-academia gap for Faculty and Staff
- Faculty Sports organized annually
- Faculty trip arranged annually.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1fxUxc5TZTBeOvs0XR-daWL57NY9hQe_c/view?usp=sharing
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

404

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

6.3.3 - Number of professional development /administrative training 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

54

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

528

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
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 college has a standard performance appraisal system that evaluates the performance of the faculty on various parameters. The performance of the staff is objectively evaluated at the

end of each academic year based on their contributions to academics, research, administration responsibilities and societal outreach.

The faculty members are assessed based on the teaching pedagogy adopted, teaching materials prepared, student feedback, publications in reputed journals, research grants received, patents, books authored, consultancy provided, participation in workshops, faculty development programmes, editor or reviewer of journals, participation in outreach programmes, additional responsibilities, membership in professional bodies etc.,

Non-teaching staff are evaluated by the respective Department Heads, who assess them based on their knowledge and expertise, attendance, and punctuality. A review committee constituted reviews the performance of every staff member and recommends annual increments, promotions, and career advancement

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/igac/#Policy
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

SMVEC conducts a range of internal and external financial audits throughout the year to maintain financial accountability and compliance. Internally, the institution performs operational audits, focusing on the efficiency of administrative and operational processes. Compliance audits ensure adherence to internal policies, regulatory guidelines, and industry standards.

Externally, the institution engages independent auditing firms to conduct annual financial audits. These external audits scrutinize the college's financial records, statements, and transactions to verify accuracy and compliance with applicable accounting standards and legal regulations. Furthermore, specific audits, such as tax audits or statutory audits mandated by regulatory bodies, are conducted to ensure compliance with tax laws and other statutory requirements.

The college ensures transparency and accountability by promptly addressing any audit findings or discrepancies. A structured resolution process involves investigating identified issues, implementing corrective actions, and documenting the steps taken to rectify the concerns raised in the audits. This comprehensive approach to internal and external financial audits upholds the institution's financial integrity and fosters trust among stakeholders.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/about-us-engineering-college-pondicherry/
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)

16

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Financial sources • Grants received from various government and nongovernment organization. • Utilization of the institution's facilities and resources to generate income (SMVEC is the centre for various entrance and online examination NEET, JEE, GATE and NPTEL) • Applying for various funded research projects agencies • Applying funds for infrastructure development under the various schemes • Applying funds for conducting conferences, workshops, and seminars • Providing consultancy services to clients in industry and academia • Organizing training

programmes and workshops on various thrust areas • Donations, sponsorships.

Optimal utilization of resources The fund is utilized for the following activities of the Institution • Improving the teaching and learning process • Provision of student support services • Training and Development • Faculty Development Initiatives • Provision of welfare facilities for faculty and students • Industry academia interactions • Maintenance and upgradation of ERP • Infrastructure development • Development of Digital Infrastructure • Upgradation of library facilities • Technology upgradation and upgradation of laboratory infrastructure • Construction and renovation of faculty rooms, classrooms, and smart classrooms • Setting up of Centers of Excellence • Establishing advanced laboratories • Establishing state-of-the-art research infrastructure • Repairs and maintenance of infrastructure • Advertisement and promotion

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1p3wGYNecW4HWxfjZfhXu6KlPpvxTheAt/view?usp=sharing
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

The Internal Quality Assurance Cell (IQAC) oversees the Academic Calendar, ensuring its adherence, workload approval, and departmental timetables. It also verifies Quality Circle Meeting reports and implements rectification measures.

- Updates policies for transparency and understanding among stakeholders while extending ISO certifications: Quality Management (ISO 9001-2015), Environmental Management (ISO-14001-2015), and Energy Management (ISO-50001-2018).
- Sponsors faculty for Universal Human Values Certification and encourages NPTEL course completions, earning the institution an A rating. Establishes the Bamboo Society of India College Chapter for the upcoming sustainable engineering course.
- Activates non-statutory bodies, societies, and clubs. Hosts Knowledge Enhancement Lecture Series utilizing

faculty expertise and sponsors an FDP for English proficiency in Academic Management.

- Sponsored senior faculty for national workshops on NIRF Ranking and Curriculum Framework. Oversees both internal and external audits for academics and administration.
- Promotes Higher Studies abroad and establishes MoUs for implementation.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/igac/
Upload any additional information	View File

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

IQAC prepares and oversees the events outlined in the academic calendar. It meticulously assesses the teaching-learning process through quality circle meetings held before each continuous assessment test. Monthly, it reviews syllabus coverage across all departments, promptly addressing any negative feedback received and taking remedial actions through the respective Department Heads.

- Feedback from stakeholders on curriculum design is collected and analyzed for effective implementation at each semester's conclusion. The mentor-mentee system undergoes periodic reviews by IQAC to ensure its effectiveness in advancing students to the next level.
- IQAC monitors the administration of continuous assessment tests and model exams for all listed courses. It conducts analysis of end-semester examination results, initiating corrective measures as necessary.
- Encouraging student participation in online internships and industrial visits, IQAC promotes experiential learning. It extends support in conducting Academic Administrative audits, addressing non-conformance observations.
- Through these proactive measures, IQAC enhances Outcome-Based Learning, leading to increased success in national-level hackathons, placements in reputable MNCs, greater publication and patent numbers, a rise in students pursuing higher education, and an increase in student

entrepreneurship

File Description	Documents
Paste link for additional information	https://smvec.ac.in/naac/igac/#minutes_of_meeting
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://smvec.ac.in/naac/igac/
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

The institution strives to develop inclusive practices to support and nurture gender equity in following ways

- **The use of gender sensitive language is followed in all institutional documents.**
- **Provide equal opportunity for the girls to build**

their personality, self-confidence and leadership qualities in academic, co-curricular, extra-curricular, extension activities.

- Girl students are encouraged to participate in various national events and competitions like hackathons etc., sports and games.
- Gender sensitive equity and legal features supporting women programmes are offered throughout the year. The effective functioning of anti-sexual harassment committee organises awareness programme on gender equity, sexual harassment and legal support.
- Infrastructure with good sanitation and hygienic facilities, fully functioning rest rooms, round the clock surveillance camera made girl students and women employees a safe and pleasant environment inside the campus.
- Gender equity is followed in recruitment of faculty members, employees and their promotions. It is evident that 40% of employees are women and around 45% are occupying senior positions examples dean, Head of the Department

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1Kqps9fvFiP948PJpwFsD7yByHv846vkc/view?usp=sharing
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://drive.google.com/file/d/1I6a6T3Qs5mUxAc5TIzloSYAQulKYZ255/view?usp=sharing

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

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The college emphasizes waste management through awareness programs, educating students on the importance of waste segregation and disposal in designated bins. Non-biodegradable waste is transferred to larger bins and collected by an authorized waste collector. Biodegradable waste undergoes composting to produce fertilizer. Single-use plastic is banned in compliance with government regulations.

Liquid waste from various sources is treated and recycled at a centralized sewage treatment plant, with the treated water used for gardening.

A negligible amount of biomedical wastes are generated from the first aid boxes are collected from the college premises for safe disposal through authorities of Sri Manakula Vinayagar Medical College and Hospital, Madagadipet, Puducherry.

E-waste, including old electronic gadgets, is stored separately and reused, recycled, or disposed of through authorized vendors. Non-hazardous e-waste is creatively repurposed for decoration during college events. Awareness programs and seminars promote proper e-waste management, overseen by the college waste management committee.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
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	View File

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy 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

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

7.1.7 - The Institution has 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	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

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

SMVEC has contributed and taken initiatives in providing an inclusive environment wherein the tolerance and harmony has inculcated towards cultural, regional, linguistic, communal socioeconomic and other diversities. This is done to generate

the feeling of oneness and social harmony.

- Under Unnat Bharat Abhiyaan (Under Ministry of HRD) the NSS Unit of our college had adopted a Kizhoor village in Puducherry region to conduct activities for their socioeconomic development.
- It includes surveys, awareness programmes, cleaning activities and medical camp in this village for increasing their environmental and ethical awareness.
- The institution celebrates national festivals, birth anniversaries of leaders and great Indian personalities, cultural linguistic and other diversities.
- In college annual day celebration we organised traditional dress competition and fancy show to display the different attire representing the different states, religions and cultures.
- Programs are organised on art of living, ethics, and spirituality to create communal harmony.

Apart from the above, we have also celebrated National and International Days, Events and Festivals to bring tolerance and harmony among the students and staff and other stakeholders

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	View File

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

Our institution has included Indian Constitution, Essence of Indian Traditional Knowledge, Professional Ethics and Human Values in the curriculum. Through these courses, students were taught and to understand the human values, rights, duties of every citizen as entrusted in the constitution.

Programmes were arranged and celebrated such as Republic Day, Independence Day, National integration day are celebrated educating the students on the sacrifices made by our leaders and imparting the value of freedom. National Constitution Day and National Voters days were also celebrated among the

students and staff members to instil oneness as an Indian and reminded them of the constitutional obligations and duties.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1RuZmMeeIDG17IvdfREtRDZy9CSgt0gGw/view?usp=sharing
Any other relevant information	https://drive.google.com/file/d/1maId7W4AqTY0d4vkhHd-MwHRass65mll/view?usp=sharing

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	View File

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

Sri Manakula Vinayagar Engineering College is one of the Institutions where we used to celebrate/organize National and International Commemorative days and Festivals among the students and faculties to spread the message of Unity, Love and

peace. SMVEC is keen to celebrate these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders who contribute to life for freedom. Our college regularly celebrates festivals as they are an integral part of learning and building a strong cultural belief among the student community. Such celebrations bring the students closer to each other's traditions and beliefs and also develop respect and understanding for our nation's customs and traditions.

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	View File
Any other relevant information	View File

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 - I Title: Effective Career Counselling in Institution

Objectives:

- Help students choose suitable careers.
- Provide skill development and enhance employability.
- Guide students in setting goals.
- Improve communication and employment opportunities. Encourage higher studies in reputed universities.

Practice:

Early counselling, mentorship, domain-specific guidance, hands-on training, skill development course, professional skill development, industry collaborations, and tie-ups with professional bodies.

Evidence of Success:

Students excel in interviews, competitions, and secure placements. Increased internships and higher education opportunities.

Challenges and Resources:

Diverse student backgrounds require bridge courses. Focus on average and slow learners. Additional faculty support is needed.

Best Practice - II Title: Student Support System

Objectives :

Support students academically, emotionally, and technologically during and after the pandemic, while enhancing placement opportunities.

The Practice: Online and offline classes, extended library hours, animated presentations, academic calendars, lab facilities, professional chapters, a center of excellence, mentor-mentee system, training and placement cell, AICTE IdeaLab.

Evidence of success: Professional offline exams, high pass rates, project publications, nationwide achievements, enhanced skills, timely degree completion (85%), over 80% placement with 5 lakh average salary, numerous design patents.

Problems encountered and resources required engaging students online, addressing academic/personal issues, restoring focus post-pandemic, promoting library and Idea Lab utilization.

File Description	Documents
Best practices in the Institutional website	https://smvec.ac.in/wp-content/Files/Home title/Best_Practices_2022_23.pdf
Any other relevant information	https://drive.google.com/drive/folders/1N ieAd0A1exuOw0BmknZRJpno3Dx- ckyD?usp=sharing

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

SMVEC has made a Memorandum of Understanding with Train Lab Academy, Bangalore to provide international certification to students in their domain specific to expertise on the course of study. 90+ international certification are provided through 197 center of excellence wherein the students are exposed to the latest requirement of the industrial needs. The certification courses offered are structured in such a manner to cater the requirements of industry 4.0. This exposure gains confidence to the students on the latest techniques and technologies to face the interviews during their placement. The facilities of offering such courses makes students to develop interest in their respective discipline and there is an appreciable increase of students moving to higher studies.

The international certification course is given to students starting from the first semester to sixth semester. These courses are handled through Train Lab Academy, Bangalore wherein they engage eminent expertise from academic/ industry personnel in sharing and giving their valuable inputs to the students. The courses are offered to the students Even though the completion of certification course does not carry any credits a mandate pass is essential to receive his/ her degree.

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

7.3.2 - Plan of action for the next academic year

Plan of Activities for the Academic Year 2023-24

Initiations to attract National level students' admissions.

- Need attention in GATE coaching and increase the success rate of GATE qualifying students.
- Attention needed on competitive exams like TOEFL, GRE for students to pursue higher education in National and International universities
- Initiations to be taken to publish SMVEC Journal, since the institution houses various schools with good faculty and student strength.
- Ensure more contributions from Alumni
- Increase more Industry supported labs as required by NBA

- Continue ISO certification for QMS, EMS and Energy Conservation Management
- Disseminate 17 SDGs to all stake holders
- Instituting "I am the First and I am the Best" in different categories like more number of online courses attended, Placement packages, quality publications, Number of patents, Funding received, Achievement in co-curricular and extra-curricular, competitive exams like GATE/TOEFL/GRE, etc., every year