



YEARLY STATUS REPORT - 2021-2022

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. R. Subramaniyan
• Phone No.	04132642000
• Alternate phone No.	04132643007
• Mobile	9840411357
• 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/accreditation/naac/aqar/
4.Whether Academic Calendar prepared during the year?	No
• if yes, whether it is uploaded in the Institutional website Web link:	

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.14	2013	05/01/2013	04/01/2018
Cycle 2	A	3.03	2019	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
Dr. S. Anbumalar	MODROB	AICTE	2021-22	1100000
Dr. K. Velmurugan	MODROB	AICTE	2021-22	1400000
Dr. P. Raja	MODROB	AICTE	2021-22	1100000

8. Whether composition of IQAC as per latest NAAC guidelines	Yes	
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File	
9. No. of IQAC meetings held during the year	2	
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> • Monthly and quarterly verification of academic and administrative documents as per the target assigned to each department • Series of lectures conducted to enhance the OBE-based Teaching Learning process. • Support services extended to all Non-Statutory committees for the smooth functioning of various activities • Ensured academic plan is implemented as per schedule • Increased more number of International level certificate courses to increase placement with higher packages • More extension activities are organized 		
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
Classes in Online/Offline mode for the Odd semester of the AY 2021-2022	<ul style="list-style-type: none"> • Classes in Online /Offline mode conducted as per the academic calendar. • Classes are handled with various Pedagogical Techniques. • Skill development courses, Value added courses, Professional development and administrative programmes were conducted by the College as per the plan
Exam related activities as per schedule	Exams were conducted as per the schedule and results were declared on time
Placement activities	<ul style="list-style-type: none"> • Placement and Skill development Trainings are imparted. • Increase in number of students placed in renowned MNCs . • 6 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
Plan for Internal Revenue Generation through R&D	High-end equipment's (Rs. 36 Lakhs) procured through MODROB and with AICTE Idea lab establishment, revenue may be generated through various consultancy using the above facilities
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
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Body Meeting	31/12/2022
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2021-22	15/02/2023
15. Multidisciplinary / interdisciplinary	
<p>(a) Delineate the vision/plan of institution to transform itself into a holistic multidisciplinary institution.</p> <p>The vision of our institution is to excel in quality education, innovation and research for the transformation of lives to serve the society. Our institution obtained Autonomous status in the year 2019. In order to make students ready for the 21st century, more thrust areas were given in the curriculum to cater industry needs in the form of Skill Development Courses (inclusive of life skills) and Value Added Courses (Human values, Indian Constitution and Environmental Sciences) thus providing the holistic education. In order to make students an entrepreneur, Management papers are made a mandatory course in the form of open electives so as to gain professional management leadership qualities. All these efforts pave the way as a prelude for the subsequent successful implementation of NEP 2020 in our institution. For circuit branch courses, apart from core papers, courses such as Python, Programming in C, Data structure and Java programming are imparted. Open elective courses such as Artificial Intelligence, Machine Learning and Data Analytics are also floated to students to get multidisciplinary knowledge during their study.</p> <p>(b) Delineate the Institutional approach towards the integration of humanities and science with STEM and provide the detail of programs with combinations.</p>	

The Undergraduate programme has compulsory Employability Enhancement courses as well as Mandatory Courses. Mandatory courses such as Environmental Science helps to develop knowledge, skills and values for ecofriendly environment to lead a harmonious life with nature.

To understand the values and ideals of tradition and culture and understand about basic rights, duties and responsibilities of a good citizen as enshrined in Constitution courses such as Indian Constitution, Essence of Indian Traditional knowledge are included in the curriculum

The incorporation of General Proficiency -I and II as practical paper in the curriculum focusses on enriching student's communication skill. The Globarena software installed in the laboratory and other resources available in the web are freely accessed by the students to uplift their language skills.

The practical exposure towards the language laboratory makes them expertise in Listening, Reading and Writing skills. It develops the students of vernacular medium and prepares them to attend the interview successfully and get placed in a reputed organization.

The inclusion of humanities and science with STEM is included in our curriculum leading to better communication skills, better problem-solving skills and more effective critical thinking among the students. The curriculum is framed in such a way that a student undergoes these courses from first to eighth semester. All the UG programmes offered in our institution are in line with this integration of humanities and science with STEM. The Projects which are floated in the curriculum are carried out in such a way as to have sustainable development in engineering.

(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 value-based towards the attainment of a holistic and multidisciplinary education? Explain

Yes, our institution offers flexible and innovative curricula that include credit-based courses. In our curriculum, there are mandatory courses for each UG programme namely, National Service Scheme (NSS), Environmental Sciences, Indian Constitution, Essence of Indian Traditional Knowledge which helps the students to understand and practice environmental education with value-based education.

(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.

In our Autonomous curriculum of Regulation 2020, we have implemented the multidisciplinary flexible curriculum by the introduction of open electives floated for each programme. With regards to multiple entries and exits at the end of 1st, 2nd and 3rd years of undergraduate education, we have a plan of introducing the same in the forthcoming revision of Regulation 2024.

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

The institution has numerous plans to introduce multidisciplinary research and some of them are already in progression and practiced. We introduced computer courses for all programs so as to develop a basic understanding of the computer aspects (data capturing, output delivery etc.,) to carry over on research-oriented concepts. Each course has a theory as well as a laboratory component which enables students to get hands-on training on a domain for research enhancement. Skill development courses and certification courses imparted to students to develop an idea on the requirement of Industry 4.0. A well-established Idea lab houses advanced equipment to carry out projects Artificial Intelligence related projects, robotics, 3-D printing, wood router and Laser cutting. This lab is also helpful for training nearby students of schools and polytechnic. Colleges for design and development of products. Our institution has a tie-up with a nearby medical college to provide basic knowledge on basic life support. The Centre of Legal Education in our institution creates awareness of the digital currency and its way forward to all students.

Nutritious food to all is emphasized to all students through the School of Arts and Science department. The significance of Yoga is well understood by our institution and it is imparted through a life skill programme. The creation of various clubs in various departments enables students to have a cross-functional application of thoughts to a product. In our curriculum, there are multidisciplinary courses which are continuously updated to cater for the needs of the industry and society. Theory and its relevant practical courses enable a student to design and develop of product which creates multidisciplinary teams to work on different problem statements with various approaches and tools in arriving at solutions.

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

Introduction of multidisciplinary courses in the open elective system wherein the student has the liberty to choose the courses of their choice. Offering Employment Enhancement Courses Employment enhancement courses are made mandate to students and a compulsory pass in those subjects is essential to obtain degree. International Certification Courses are offered to students and they are trained in multidisciplinary and Interdisciplinary aspects which resulted in good placements with higher package in various MNC's. Sustainable engineering is continuously emphasised through mandatory courses, value added courses and through different projects students are exposed to the concepts of self sustainance.

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.

The National Educational Policy (NEP) 2020 has recognized the Academic Bank of Credits (ABC) as an important tool for promoting greater flexibility and mobility for students, enabling them to earn and accumulate credits from multiple institutions and allowing for easy credit transfer. However, the implementation of ABC requires careful planning and coordination between different stakeholders and institutions, including the development of a credit transfer system, student support, and the necessary infrastructure and technology. After obtaining clear instructions from the university, Sri Manakula Vinayagar Engineering College is willing to implement ABC based on the direction of statutory council/bodies approval, which is a positive step towards promoting greater flexibility and mobility for students. In the long run, the benefits of the system, including increased student flexibility and mobility, are expected to compensate for the costs and promote a more robust and inclusive education system.

(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, the Institution is not yet registered under the ABC system to allow learners to benefit from multiple entries and exits during a chosen program. However, the institution has expressed its readiness

to implement the ABC system in line with Pondicherry University, which would require significant planning and preparation to fully implement. With the detailed procedure of implementation of ABC, the stakeholders are more confident in the planning of their degree programmes. After implementing ABC, the institution can provide its learners with greater flexibility and mobility in their learning journeys, allowing them to pursue their academic goals at their own pace and across multiple institutions. This can lead to improved learning outcomes and increased access to higher education for students.

(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.

Sri Manakula Vinayagar Engineering College has taken several efforts to promote seamless collaboration, internationalization of education between Indian and foreign Institutions, and to enable credit transfer. The institution has established various MoUs with various academic Institutions at the National and International levels to promote collaboration and knowledge exchange. As an Autonomous Institution, providing more flexibility to the students to choose their professional electives, open electives and skill-based certification course.

Sri Manakula Vinayagar Engineering College has established several MoUs with academic institutions at the National and International levels to promote collaboration and knowledge exchange. The institution has also been promoting the internationalization of education by providing students with opportunities to participate in international exchange programs and study abroad programs. As an autonomous institution, Sri Manakula Vinayagar Engineering College provides students with greater flexibility in choosing their professional electives, open electives, and skill-based certification courses. This allows students to design their own curricular and pedagogical approaches within the approved framework, including text book, reading material selections, assignments, and assessments.

(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.

Encouraging faculty members to design their own curricular and

pedagogical approaches within the approved framework is an important aspect of promoting innovation and quality in education. Sri Manakula Vinayagar Engineering College has taken several steps to promote this, including:

- The institution provides faculty development programs that focus on developing new pedagogical approaches, designing innovative curricula, and creating effective assessments. These programs provide opportunities for faculty members to learn about new teaching methods and techniques and apply them to their courses. The institution encourages faculty members to attend conferences and workshops that focus on pedagogy and curriculum development. This provides them with the opportunity to interact with experts in their field and learn about new ideas and practices.
- The institution encourages faculty members to participate in industry training programs during summer and winter vacations. This provides them with exposure to the latest trends and practices in their field and helps them design courses that are relevant to industry needs.

(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.

The Institution has not yet implemented the Academic Bank of Credits (ABC) system but is ready to implement it in line with Pondicherry University. However, the institution can follow for the implementation of ABC:

- Institutions can design their curricula in a modular format, which can enable students to earn credits for each module. This can provide students with more flexibility in their learning journey and enable them to acquire skills that are relevant to their career goals.
- Institutions can establish an information management system to manage student information, including their academic records, achievements, and interests. This can enable students to access and manage their academic records, which can help them in planning their academic and career paths.
- Institutions can collaborate with other institutions, industry, and other stakeholders to develop a credit transfer system that is relevant to the needs of the students and the industry. This can help in ensuring that the credits earned by students are recognized by the industry and other educational institutions.

- Institutions can provide support to students in understanding the ABC system, the process of credit transfer, and other related information. This can enable students to make informed decisions about their academic journey and achieve their goals effectively.

The implementation of the ABC system can provide numerous benefits to students and institutions alike. By following these good practices, institutions can ensure that the implementation of ABC is successful and effective in achieving its intended goals.

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

The institution has a separate training and placement cell wherein the students are trained in both vocational and soft skills inclusive of qualitative and quantitative aspects. The classes are offered to the students both in Online and offline modes of delivery. Frequent group discussions are conducted to develop leadership quality amongst the students and shine as skilful graduates. English Communication is enhanced through the conduction of General Proficiency courses which are practical-oriented courses included in the curriculum. Toastmasters club existing in the institution helps the students to improve their communication skills. Vocational courses in the form of international certification courses are offered to the students and made mandatory in the curriculum. The first-year programme includes courses such as carpentry, welding, basic electrical and electronics which are hands-on practical sessions to gain multidisciplinary exposure. The institution is also associated with professional bodies such as Indian Plumbing Association, to gain hands-on training. Through the Institute Innovation Council awareness are created among the students on the training requirement for industry needs and support is extended to convert their ideas into product and finally a patent

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

All the undergraduate programme offered has an inclusive of vocational educational courses in the curriculum. The relevant hands-on training is provided to the students to enhance their skill set and become successful graduates upon graduation. The training provided in the IDEA Lab enhances their skill set to work in

multidomain.

(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.

The institution is providing avenues to the faculty members in strengthening and empowering the concepts of value-based education through Faculty Development Programmes. The mandate courses emphasis on value-based education to the students to serve society. Even though these mandate courses are non-credit, a compulsory pass is essential to receive their degree. During student Induction, Universal Human Values are added as part of a programme to ensure that the students develop ethical and true human values. This helps to spread and realise the value of self-realization. Through extension activities, students are involved to create the need for serving society. In the course professional ethics, which is a part of the curriculum, the human values and ethics are taught to empower the needs of ethical behaviour in their respective discipline. Imparting of life skills such as Yoga, Sports also contribute for the betterment of inculcating positivity amongst the student community. The constitutional values are imparted to students through mandatory courses namely, Essence of Indian Traditional Knowledge and Indian Constitution.

(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.

- Provisions to be made for 1 or 2 credits courses in the proposed revision of curriculum.
- At present there are no credits but a pass is mandate to obtain the degree The credentials of these courses (Pass/Fail) are marked in the grade sheets.

(e) Describe any good practice/s of the institution pertaining to

the Skill development in view of NEP 2020.

- Skill development Courses offered in our institution helps students to flourish themselves to get an appointment offer in campus drive or become as an entrepreneur after the completion of their course of study.
- The skill development courses increase the Learning, Speaking, Reading and Writing skills among the students which are offered in the curriculum in the form of General Proficiency - I and II.
- Training and Placement cell provides various courses like communication skills, problem-solving skills, and aptitude skills to strengthen the skill sets of students.
- The Institution partners with companies through MoUs and they (Amcat, CoCubes, skill rack etc) act as third-party evaluations and assess our students' skill sets.
- The Institution has signed an MoU and works collaboratively with Train Lab Academy, Bengaluru and established 15 centre of Excellence and offer International Certification programs (Microsoft, Google, CISCO, Autodesk etc.,) to provide and enhance employment opportunities at the global level.
- The start-up entrepreneur awareness is created amongst the students through the skill development courses and through entrepreneurship club conversion of students becoming entrepreneurs is visualized.
- The institution has a tie-up with CII, Puducherry to create awareness and ideas to develop products through boot camps to improve further extension of ideas and the best startups are awarded.
- Also a management course is made a compulsory open elective course to develop skills successful entrepreneurship.
- We adopt Train the trainer Concept through which our faculty members are trained through latest technologies with the support of Industries.

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.

- The integration of the Indian knowledge system into the curriculum courses can be a significant step towards preserving and promoting India's diverse cultural and

linguistic heritage.

- IELTS / Foreign / Indian languages integrated into the curriculum as a mandatory course. This could include texts on Indian philosophy, ancient sciences, history, and cultural practices.

Ek Bharat Shreshtha Bharat is a cultural exchange program launched by the Government of India, with the aim of promoting greater understanding and bonding among the various states and Union Territories of India. The program involves pairing one state or Union Territory with another and encouraging people to learn about each other's culture, language, food, customs, and traditions. It is a unique initiative that provides a platform for people to share their cultural heritage and learn about the diverse cultures of India. We executed this scheme to exchange the culture. Cultural exchange is crucial in building bridges of understanding between people from different parts of the country, and it can play a significant role in promoting social harmony and national integration. Our Institution has participated in this event before covid19. As now normalcy has begun, we plan to involve our students further in this program.

Celebration of various festivals and functions like Ayudha Pooja, Guru Poornima, National Integration Day etc., also reflects the inclination of our mind in celebrating Indian Culture.

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

It is essential, to assess the language proficiency of all faculty members, including those who have recently joined, in English that will be used for classroom delivery. It is necessary to identify the language skills of all faculty members to provide targeted training programs. Our institution organized various training programs that provide faculty members with the necessary skills and techniques to deliver bilingual classroom instruction whenever situation arises. The training program should include pedagogical strategies, language teaching methods, and best practices for bilingual classroom delivery. This step is crucial to ensure that the faculty members are equipped with the necessary skills to provide quality bilingual classroom instruction. Providing language training to faculty members should not be a one-time event. Instead, our institutions provided language training to all faculty members at the start of every academic year to maintain and improve their language skills. This step is essential to ensure that the faculty members can

deliver classroom instruction fluently.

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

We are planned to introduce the Indian Language courses from the Academic year 2023-24 onwards

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.

We plan to revise the curriculum in the year 2023-24 to include Indian ancient traditional knowledge, Indian Arts, Indian Culture and traditions.

(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.

- Universal Human Values are taught in the 3-week Induction Day program besides the significance of fine arts.
- Students are encouraged to do NPTEL programs on the above subjects

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

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

The curriculum is framed in such a way to cater for the needs of Industry ready which encompasses a multi-discipline dimension to fulfil the skill development and entrepreneurial development skills. Courses such as Employability Enhancement Courses, and Value Added Courses are introduced in the curriculum which resulted in good placement with higher packages in various MNCs. The curriculum gives exposure to students on the avenues to become successful Entrepreneurs through open elective and core courses. Projects undertaken by the students are patented and planned in progress to convert them into a product. The Muti-disciplinary and Interdisciplinary Courses enable students to win prizes in national-level Hackathons, meeting the requirements of society. During the Pandemic situation, our institution has given away face shields to medical colleges which are manufactured indigenously in our IDEA

lab. Extension activity which is the mandatory course offered in all programmes helps students to understand the basic values and serve society.

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

Following are the efforts made by the institution to capture the Outcome-based education in teaching and learning practices. Each course is mapped with Course Outcome and Programme Outcome. The courses are evaluated by means of Continuous Assessment Tests, Model Examination Assignments are floated on recent topics and marks are awarded Courses are taught beyond its curriculum to know the latest developments in that subject. Industrial visits are organized to students understand the field conditions. At the end of each semester, End semester examination is conducted to evaluate the effectiveness of the course of study. Feedback from students is collected at regular intervals both in online and offline mode to evaluate the effectiveness of teaching Feedback from various stakeholders (Parents, Alumni, Academic Peers and Industrial persons) is obtained to assess the effectiveness of the programme taught.

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

An orientation programme for newly appointed faculty members will be conducted to understand the quality process and system. Faculty Development Programmes are conducted/ attended by the faculty members to understand the latest advancement in the courses taught. Guest lectures are organized to create awareness of the quality enhancement in the system. Courses such as Employability Enhancement, Skill Development, and Value Addition courses are included in the curriculum to have a multidisciplinary and holistic education to our students. Open electives which are floated by various departments are the setting examples of multidisciplinary approaches offered to the students. As a life skill programme, sports and yoga are imparted for the healthy and wellbeing of students.

20.Distance education/online education:

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

A Multimedia centre room is under construction to develop and

strengthen Online Distance Learning and E -content. To standardize the ODL, plans are worked out and placed in the coming curriculum revision of 2024.

(b) Describe about the development and use of technological tools for teaching learning activities. Provide details about the institutional efforts towards blended learning. The entire campus is enabled with Wi-fi facility of 350 Mbps. Smart boards in sample class rooms are deployed and LCD projectors are present in all the classrooms for effective teaching and learning. The examination system is completely automated in the process of setting up question papers, awarding internal marks and declaration of End Semester Examination results. The course materials are uploaded to the institute website to have a wider reach among the students who can access them remotely. All efforts are being made to export the course contents in the form of video lectures in youtube channels to have a wider reach to students.

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

At present the construction of the multimedia centre is under progress. All plans are in progress to convert lecture notes in physical form into effective ODL material. Planned to place before the curriculum committee for approval and its associated accreditation body. Online courses through NPTEL are encouraged and we plan to make them mandatory in the proposed curriculum.

Extended Profile

1.Programme

1.1 22

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

File Description	Documents
Data Template	View File

2.Student

2.1 4780

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

1504

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

1099

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1

430

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2

63

Number of sanctioned posts during the year

Extended Profile

1. Programme

1.1	22
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	4780
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	1504
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	1099
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	430
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	63
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	124
Total number of Classrooms and Seminar halls	
4.2	3174.48
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1606
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

In our institution, a well-planned Academic Calendar is prepared in advance of every semester's commencement. The Academic Calendar includes the allocation of subjects to faculty members based on their willingness and availability before the start of the semester. Additionally, students select Elective subjects such as Professional Electives and Open Electives prior to the semester's beginning.

Various aspects like the Class Time Table, Individual Time table, Course Plan, Question Bank, Assessment Question papers, content Beyond the syllabus, Industrial Visits, and In-plant Trainings are also planned well in advance. Before the semester starts, the Director cum Principal meets with all faculty members of each department. Once the semester begins, the Head of Department (HOD) monitors each course by collecting feedback from students and conducting Quality Circle Meetings (QCM).

To improve the faculty members' skills and benefit the students, everyone is encouraged to participate in various Faculty Development Programmes (FDPs), Workshops, and Seminars.

Although our curriculum and syllabus are well-structured, we value feedback from stakeholders to identify any curriculum gaps. Based on the identified gaps, we plan to organize guest lectures, workshops, and seminars to fulfill the students' needs and address these gaps.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/folders/1RMsRNx97SzgHrYwEuWqVyD4hXSxkZk81?usp=sharing

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

The Institution issues an academic calendar before each semester, outlining important dates such as the start and end of the semester, schedules for Continuous Assessment tests, and dates for end-of-semester examinations. SMVEC strictly follows this calendar and plans its activities, including Continuous Internal Evaluation (CIE), accordingly. Each department prepares its own calendar, which includes details such as the number of working days, holidays, and CIE dates, which may involve guest lectures, workshops, and other activities. Adhering to the academic calendar ensures fair and consistent CIE for all students, promoting a level playing field and timely completion of assessments. This approach facilitates effective communication and coordination between faculty, students, and administrative staff. The academic calendar helps faculty members plan their course delivery, research work, and co-curricular activities. CIE is conducted through a well-defined process, including the preparation of question papers based on Bloom's Taxonomy, scrutiny by a committee, and evaluation by course instructors. Laboratory courses, projects, seminars, and internships also undergo continuous evaluation. The Director cum Principal regularly reviews the semester's progress and suggests improvements, while any revisions to the academic calendar by the Institution are incorporated by the institute.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://docs.google.com/document/d/1vmWKHS_Ti-vobL4U9Buq-VplCWKHW_So/edit?usp=sharing&oid=105035851742651947738&rtpof=true&sd=true

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)**

155

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

12896

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**

SMVEC takes an integrated approach to curriculum design, incorporating cross-cutting issues such as gender, environment, human values, and professional ethics. This approach ensures that students develop the competencies they need to be successful in the modern world, both professionally and personally.

Here are some examples of how SMVEC integrates these cross-cutting issues into the curriculum:

- **Gender:** SMVEC offers courses on gender equality, gender roles, and gender-based violence. The college also hosts workshops and events that promote gender sensitivity and awareness.
- **Environment:** SMVEC offers courses on environmental science,

sustainable development, climate change, and resource management. The college also organizes field trips and hands-on projects that allow students to engage with environmental issues in a practical way.

- **Human values:** SMVEC propagates human values such as empathy, compassion, and respect through its courses and activities. The college also hosts workshops and events that encourage students to reflect on their values and develop a strong sense of personal ethics.
- **Professional ethics:** SMVEC offers courses on business ethics, media ethics, and medical ethics. The college also hosts debates and discussions that allow students to explore ethical dilemmas in different professions.

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

1352

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

1304

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://docs.google.com/forms/d/e/1FAIpQLSdGjXmVwbei36bT8Ga-JongUwXWLpMrUsb72SdJhgAom7791q/viewform
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	Nil

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

1625

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**

1504

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 we provide the necessary guidance and motivation to excel.

For advanced learners, we celebrate their achievements through certificates and mementos during college day celebrations. They are encouraged to explore advanced topics through faculty-guided projects and prepare for competitive exams like GATE, CAT, TOEFL, and GRE. Opportunities to attend conferences, workshops, and publish papers enrich their academic journey.

Average learners receive personalized attention with faculty mentors, additional tutoring, and skill enhancement workshops. We offer academic counselling, recognize progress, and provide opportunities for co-curricular activities.

For slow learners, we arrange coaching classes before exams and

revision sessions during study holidays. A supportive environment empowers them to overcome challenges and achieve growth.

Our Institute values every student's potential, fostering a learning community that celebrates diversity and provides the necessary guidance and motivation for all to succeed. Through continuous assessment and individualized support, we prepare students to become well-rounded individuals, ready to make positive contributions to society.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/
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
4780	430

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

The Sri Manakula Vinayagar Engineering College prioritizes experiential, participatory, and problem-solving approaches to enhance learning experiences. These methods focus on active engagement, application of knowledge, and improved comprehension and memory retention. The college utilizes the following instructional strategies:

(i) Participatory Learning:

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

(ii) Experiential Learning:

- Project Expo
- Industrial visits
- Poster making
- Circuit Debugging

- Hands-on Training

(iii) Problem Solving Learning:

The objective is to address real-life problems using engineering principles and technologies. Solutions may involve fabrication, coding, modeling, product design, process design, or relevant scientific methodologies. Strategies include:

- Technical quizzes
- Aptitude tests
- Product design
- Design Thinking competitions
- Quizzes on facts
- Surveys

Outcome: These approaches facilitate active learning, practical application, and the development of problem-solving skills, thereby contributing to the achievement of Program Outcomes (POs) and Program Educational Outcomes (PEOs).

File Description	Documents
Upload any additional information	View File
Link for additional information	http://elearn.smvec.ac.in/course/index.php?categoryid=13

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

The Sri Manakula Vinayagar Engineering College embraces ICT-enabled teaching alongside traditional classroom education. All classrooms and labs are equipped with projectors and the campus has high-speed WiFi. During the lockdown, teaching shifted entirely online. Faculty utilized various ICT tools, including Microsoft Office Suite, Google Suite, and Adobe Creative Cloud. Video conferencing platforms such as Zoom, Skype, and Google Meet

facilitated virtual classes and meetings. Great Learning provided additional online courses. Interactive methods, such as animated PPTs, video clippings, and resources from NPTEL, Coursera, and YouTube, were employed. Simulation tools and virtual labs offered practical learning experiences. Online assessment tools like Mentimeter and Quizizz.com evaluated student understanding. Cloud portals facilitated storage and collaboration. The college created a modern and inclusive learning environment by integrating these ICT tools, empowering faculty and students with diverse resources for enhanced teaching and learning.

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

396

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

430

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

91

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

2562

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.

To evaluate the learning process regularly, the institute conducts continuous assessment test as per the schedule of the institutional academic calendar which is shared to all the students for their reference and also uploaded in college website. Time table of the examination is circulated to all the classes well in advance and Tests/Exam is conducted as per the schedule. Answer sheets are evaluated within one week and the answer scripts are shown to students and in case of any discrepancies they get clarified through a well-established mechanism. Marks scored by the students are communicated to the parents by post.

Continuous Assessment Test1 and Continuous Assessment Test 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. To measure the learning process, 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.

Internal Assessment marks for Practical courses are awarded based on the performance and viva voce in 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/1RSsmYm-IlqGfsqJ431pIiPug2_PhRkna?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 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 complaints and recommend appropriate measures to the Head of the Institution for necessary action. The entire process needs to be completed within ten days. Theory and practical evaluation parameters and weightage of marks are disseminated to the concerned and Academic policy of the institution.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1TlM-Q55aMe6Nvy0YSXa1TcJcH_U-duFk?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. Programme Outcomes are adopted as suggested by the National Board of Accreditation. Programmes Specific Outcomes are framed to design the required programme specific competencies.

Communication to the Students

- POs, PSOs and COs are communicated through academic calendar, curriculum, Regulations, books, notice boards, laboratory records, lecture notes, learning management system.
- On the first day of the class, each course teacher explains the POs, PSOs and COs to the 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 and employers through the department brochures.
- All the POs, PSOs and COs are made available in college website for the parents, industries and 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://drive.google.com/drive/folders/1l-VB0YyrX2IEngDXgbvV48DNqyFy8AK-?usp=sharing
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 calculating system is implemented to measure CO, PO and PSO attainment. Various Assessment Tools for measuring CO attainment is integrated in examination system. 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% through direct method and 20% by indirect method.

For PO & PSO attainment, direct method includes CO attainment values and indirect methods such as student exit survey, parent survey, alumni survey and employer survey. Overall PO& PSO attainment is calculated with 80% through direct methods and 20% by indirect methods.

Each department has a Department Advisory Committee (DAC) which verifies the attainment periodically. At the end of semester, DAC

evaluates the attainment of COs and PO& 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/15cL7yDG9fHVF7Cc8fFyuLy7g8h1g46Ma?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

1036

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/drive/folders/1w2v7XYrSOVcSdk2l_LERpzo7hpNfnbVA?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/u/3/folders/1fQP_ILz3-1zy2MNi4jmmORfm3ZsCFy

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)

81.18

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****39**

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****8**

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.f aer .ac .in /2122-faer-mcafee-scholar-awards

3.2 - Innovation Ecosystem**3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and**

transfer of knowledge

Our curriculum fosters an innovation ecosystem through courses that stimulate students' innovative ideas, including entrepreneurship basics. Students apply entrepreneurial knowledge gained in these courses and enhance their creative capacity through hackathons and codeathons. The IDEA Lab supports students and teachers in turning ideas into working prototypes, promoting problem-solving and cooperation skills. This education focus aims to cultivate inventiveness and creativity for their future careers.

Teachers undergo training in these labs to understand their roles in research, development, and teaching. They motivate students to engage in events, projects, and internships utilizing the labs while offering tailored mentorship. The Innovation and Incubation Centre (IIC) follows Ministry of Education guidelines, organizing activities to nurture startup, intellectual property, and innovation ecosystems. The IIC's IPR cell conducts regular orientation and training sessions on patents for faculty and students, fostering product development benefiting society and entrepreneurial skills.

The institute provides seed funding to initiate research and development (R&D) and transfer knowledge for teachers and research scholars. This funding supports start-ups, entrepreneurs, and researchers to develop prototypes and gather preliminary research data, ultimately creating an innovation ecosystem and sharing technical knowledge with teachers and students.

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

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

137

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

28

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

95

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

75

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

The ability of this college to guarantee students' holistic growth and prepare them to be responsible citizens is one of its greatest strengths. The college administration works to encourage students to participate actively in social activities and to inspire them to build an ethical society. The college prioritises giving students an excellent education by fostering moral principles, scientific concepts and the use of cutting-edge technology. It strives for excellence in order to develop students who are well-developed intellectually, professionally, and culturally to address domestic and international challenges. The institute has started a number of community development initiatives because it is aware of its responsibility to foster a sense of community on campus and in the neighbourhood. Numerous extension and outreach initiatives that are related to student, academic, social, cultural, and community services are regularly organised by the college.

Students will take on an issue from the local community as a project team in subjects like Professional Ethics, NSS/NCC, and Environmental Science, and they will come up with creative technical solutions. Active student organizations such as clubs and chapters give students a place to participate in co-curricular, extracurricular, and community service activities. Clubs that actively engage in direct interaction with society

File Description	Documents
Paste link for additional information	https://smvec.ac.in/extension-activities/#NSS
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

49

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

52

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

5183

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

496

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

38

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 Institution is a well-developed high-tech campus spread across 125 acres. It houses various Schools, including Engineering, Architecture, Arts, Commerce, Science, Agriculture, Physiotherapy, and Allied Health Science. The campus has 110 Wi-Fi-enabled classrooms for Engineering, Management, and Computer Applications programmes.

- Each classroom is spacious, well-ventilated, and equipped with flexible seating arrangements. There are 14 Seminar Halls for department-level programs and association activities.
- Each department has well-equipped Laboratories for practical learning and research.
- Auditorium and Conference halls are available for College-level programs.
- All classrooms are equipped with audio-visual aids, including projectors, screens, and some have smart boards for dynamic presentations.
- The IT infrastructure includes modern computer labs and high-speed internet connectivity. Study materials are posted in the Google Classroom which would help the students in their learning. Online tutorials, quizzes and assignments are also conducted using Google Classroom.
- The central and department library is a valuable resource with a wide range of books, reference materials, journals, and e-resources, along with computer systems for research purposes.
- The campus is dedicated to eco-friendliness and sustainability, employing renewable energy sources like solar power generation.

Overall, The Institution fosters a holistic educational environment that empowers students to excel academically and professionally.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1fn_glXkBXrUVR566qVwLHstdriR9DEde_?usp=sharing

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

Sports are a vital component of the college curriculum, with a wide range of facilities provided on campus. Interdepartmental, intercollegiate, and interuniversity sports competitions promote teamwork and foster connections among students. The campus offers both outdoor sports like cricket, basketball, volleyball, and football, as well as indoor activities such as table tennis, chess, and carom.

The highly anticipated annual sports event, "Nexus," exemplifies the college's commitment to nurturing physical fitness and a strong sporting culture. Enthusiastic participants from diverse disciplines compete in cricket, football, basketball, athletics, and more. On the cultural front, "Sparks" showcases creativity and artistic talent, providing students a platform for music, dance, drama, poetry, and other forms of expression.

For physical fitness, a modern gymnasium is available, while yoga centers help improve the physical and mental well-being of students and faculty. The institution trains and motivates students to excel in competitions at various levels, from District to National.

Additionally, the campus has an in-house temple for meditation, and physiotherapy facilities are utilized to train students effectively.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1REowDBDdCguD2FNwdymZSV7SY_5kM4QF?usp=sharing

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

124

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1fn_glXkBXrUVR566qVwLHstdriR9DEde?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)

2321.7

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)

Library Management Suite 1.0 software is available since 2011 and designed to help and manage the operations of a library. It allows librarians to track, manage books, journals, magazines, and other library resources. The system typically includes features such as cataloging, which involves organizing library resources and creating records of items, and circulation management, which involves tracking the movement of items in and out of the library. Other features include patron management, which involves

maintaining records of library users, and reporting, which provides data on library usage and performance.

Key features of a library management system include circulation management for borrowing and returning materials, user management for maintaining user accounts and tracking borrowing history, reporting for generating usage statistics, search functionality to help users find materials, and security measures to protect sensitive information.

The library has 30 systems with internet connectivity, allowing students to access e-journals, e-books, databases, and remote e-resources. The e-Resource Journal Collections include IEEE journals, which publish research articles in electrical engineering and computer science, DELNET, a library network promoting resource sharing and collaboration and J-Gate is an electronic gateway providing access to millions of journal articles for research, teaching, and reference purposes.

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)

119.96

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

1608

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 institution has implemented a comprehensive IT policy covering Wi-Fi connectivity, cyber security, and more. To meet the growing needs of its student and faculty community, the institution acquired 210 state-of-the-art computers valued at Rs. 114.58 lakhs. These computers are equipped with cutting-edge hardware and software for research, learning, and academic pursuits. The software licenses were renewed with a budget of Rs. 9.33 lakhs.

- The campus is equipped with both wired and wireless internet access, allowing users to connect from classrooms, library, labs, and hostels. The internet connection is regularly updated, offering a 24X7 Wi-Fi facility with a bandwidth of 350 MBPS provided by BSNL. The institution has a total of 1606 computers for students and staff.
- To enhance security, the institution uses a firewall service from Sonic Wall, renewing the support license annually. Networking peripherals include CISCO 1900 and DLINK switches with a speed of 1 GBPS.
- The institute operates licensed versions of Windows Operating System while also utilizing open-source operating

systems like Ubuntu OS and other software tools. Additionally, printers are purchased as per the departmental requirements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1avWpGJ8Y2NiHAVijLoD284e6k07770Ck?usp=sharing

4.3.2 - Number of Computers

1606

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)

852.77

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.

The institution has well established standard systems and procedures to ensure the maintenance of academic, physical and support facilities. The maintenance department has an array of people in hierarchy which includes Registrar, Administrative officer, Project Engineer, Senior site Engineer, technicians and workers.

To enhance the durability of the building structures, maintenance such as cleaning, white washing plumbing and pest control are carried out at regular intervals. Also monitors the cleaning of water tanks and sanitary arrangements. The maintenance of building are ensured through inspection authority such as fire safety license, building stability certificate.

Electrical maintenance includes monthly monitoring of electrical systems such as solar PV system and regular cleaning of solar panels generator, UPS and batteries. The furniture maintenance includes customized fabrication of cabinets, desks, counter tops, installation of doors and windows. The indoor and outdoor stadiums, gymnasium, playgrounds and other sporting equipment are regularly supervised.

The other facilities such as the RO plant, which provides 24 X 7 drinking water facility is maintained with periodic testing.

Green campus is well maintained by full time gardeners and fire extinguishers are provided in all laboratories and buildings. The proper function of equipments are checked every semester and first aid kits are kept at laboratories.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1mQmScqnzLIyMDGWFXJAnRmKDacOg9F5e?usp=drive_link

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

1109

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

55

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://smvec.ac.in/placement/#Training_Division
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

4168

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

4168

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

A. All of the above

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

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

1001

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

51

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

3

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.

84

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)

Students' Role in Academic and Administrative Bodies/Committees:

- Actively involved in Quality Circle Meetings to express their views about academics and assessment practices to enhance their learning skills.
- Members of various professional bodies and Clubs that impart technical knowledge and future updates by organizing seminars and workshops
- Alumni are invited as members of the Board of Studies to meet and discuss curriculum development and other related matters.
- In DAC meetings, students are included as members so that they can give suggestions regarding curriculum, syllabi, and other academic activities.
- The Literary Association Committee arranges interactive lecture sessions, seminars, and other events to disseminate knowledge and cultivate the language skills required.

Students' Role in Extracurricular Activities:

The students actively participate in various activities besides academics. The members of the Students' Council organize programs related to:

- Sports events through the Sports Committee
- Cultural programs through the Cultural Committee
- Socially related activities through NSS activities such as blood donation camps, the Swachh Bharat Abhiyan, Yoga Day, tree plantation, etc.,. They have carried out many outreach

programs.

- Nila FM, a community radio station established by the institution, actively involves students in performing programs that focus on uplifting society and creating awareness among rural people.

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

11

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 are one of the main stakeholders of SMVEC. They contribute immensely to the development of the College in multiple dimensions. The Alumni Association was formed in the year 2003. Students from the senior batches are inducted into the alumni association during the annual general body meeting conducted every year in August. The Alumni association acts as a bridge between the nostalgic past and the hopeful future. The association envisages a handful of initiatives that bring together our alumni

and students under various activities. The continuous interaction between the past and present students is enhanced by publishing a newsletter, and holding a periodical alumni day celebration. Their Contribution and support system towards improving entrepreneurship activities are phenomenal. Alumni have also contributed immensely as members of DAC, BoS, delivering Guest lectures, offering Internships, assisting in Placement and organizing Industrial visits to students. Their involvement helps to increase the Placement percentage of our institution continuously. The alumni also help the final year students of the various streams of engineering, business administration and computer applications to get their placements and internship in their companies.

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

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

- Governance of our Institution is participatory, consensual, accountable, student focussed, transparent, effective and efficient following the policies and procedures inclusive of all stake holders.
- Thus, the governance facilitates and supports the participation of decision making and ensure the communication reaches to the tail end of the employees to achieve our educational objectives using our resources very effectively and efficiently.
- Board of Management (BoM) which consists of Chairman cum Managing Director, Vice Chairman, Secretary, Treasurer and members of the Trust. The strategic plan of the Institution is prepared by Head of the Institution (HoI) in consultation

with BoM after collecting feedback from all stake holders, regular meeting with faculty members and doing SWOC analysis.

- HoI keeps this in HoDs meeting and in turn placed in the department faculty meeting by respective HoDs. After elaborate discussion and collection of information, it is again kept for discussion with BoM.
- The final strategy planning is placed before Academic council and Governing Body for valuable insights and inputs from learned persons. After collection and ratification, it is implemented scrupulously.
- Care is always taken that all our planning, Development, Execution and collection of feedback are aligning with our well laid down policies and procedures, thereby reinforcing our vision and mission.
- IQAC plays a vital role in reviewing policies and does periodical checks, identifies the areas of improvements and provide information to the HoI
- Besides the statutory bodies like GB, AC,FC and BoS, we have several Non-statutory committees functioning for the smooth conduct of the Institution.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1NnvFQsKwnwCMjGOr0ksCxcqWr7Q-pZTG/view?usp=drive_link
Upload any additional information	View File

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

SMVEC is an autonomous institution that fosters participative and collaborative administration by involving various stakeholders. It promotes participative management among staff, empowering them to understand teaching, research, institution management, and societal impact. SMVEC delegates decision-making authority, granting departments autonomy and flexibility.

- The HoI conducts periodic meetings with HoDs, making unanimous decisions, exemplifying collective responsibility. Faculty meetings document minutes, and the HoI is informed of implementation difficulties for remedial action, ensuring faculty's freedom to express opinions.

- This approach makes departments more responsive to students and faculty needs. Academic and administrative committees, involving faculty and students, maintain discipline, academic performance, and conduct placement, conferences, seminars, sports, and extension activities.
- The placement cell's functioning proves successful decentralization, with commendable outcomes from the placement team headed by the placement officer. The IQAC ensures educational programs meet high standards and provides inputs to the HoI.
- SMVEC has professional bodies and student chapters involving students in decision-making, programs, and leadership grooming. The supportive Board of Management provided full salaries to employees during the 8-month COVID-19 lockdown.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1SKNsiRf0MadrMoYGn2yq13MkBwl5weS_?usp=sharing
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic plan is an important tool for an Institute to manage itself effectively because it

- Provides a framework for effectiveness and sense of direction
- Outlines the goals and measurable targets
- Is useful for guiding day-to-day actions
- Helps in evaluating progress and changing approaches when moving forward

The plan is developed to establish deep roots that provide firm foundation for the constant up-gradation of the Institution, as well as to energize the drive of experimentation and innovation, keeping the focus on vision and mission. The strategic plan sets out a framework of priorities for the Institution.

Goals of the Institution:

- Goal 1: To emerge as the highly respected multi-domain focused learning institution

- Goal 2: To improve research, consultancy, innovation, and extension
- Goal 3: To enhance faculty competence and visibility
- Goal 4: To provide high quality infrastructure and facilities
- Goal 5: To become a highly ranked Institution

Metrics/Year 2021-22 2022-23 2023-24 2024-25 2025-26 Introducing interdisciplinary UG Programmes 4 4 4 - - Introducing new multidisciplinary PG programmes (branch wise) 1 2 2 2 2 Percentage of students deputed for summer/winter internship 25% 100% 100% 100% 100% Percentage of students qualifying the competitive professional exams 5% 10% 15% 20% 25%

In the academic year 2021-22, all the metrics for objective 1 were attained

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://docs.google.com/document/d/1IscwZLhrhyZMMA6AMFh5IaSEyG_rV2BR/edit?usp=drive_link&oid=105035851742651947738&rtpof=true&sd=true
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 college has a well-structured administrative system with clear lines of authority, defined roles, and effective communication and coordination. The Head of Institution (HoI) is responsible for academic activities and regular administrative functions, receiving support from Deans-Academic, Dean-Research and Development, Deans of various schools, Placement officer, and HoDs to implement policies and achieve goals.

- Around 20 well-defined policies provide a clear framework for decision-making and action within the college. These policies outline objectives, guidelines, and procedures to ensure consistency, coherence, and informed decision-making, fostering trust and confidence.
- An efficient administrative setup is crucial for smooth

operations. The college's HR policy includes appointment and service rules, ensuring a competent workforce through transparent and merit-based recruitment, appointment, and promotion processes.

- Well-defined procedures are established for various committees, academic, co-curricular, sports, and extension activities, waste management systems, MIS, IT policy, maintenance support, grievances redressal mechanisms, welfare policy, Discipline committee, and staff and student safety and security. These procedures satisfy all stakeholders.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1E6X4dzXyCsCpGchNNMmOyGZjBs9RZtku/view?usp=drive_link
Link to Organogram of the institution webpage	https://drive.google.com/file/d/1ByH3mLccpeaJH0dhD1NB4tbQaaCi6xiJ/view?usp=drive_link
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

SMVEC is sincerely committed to the welfare of its employees and value their hard work and dedication. Various welfare measures provided are as follows.

- Registration fee reimbursement for FDP/ conferences.
- TA/DA for attending conferences.
- For patent filing, fee will be paid by the institution.
- Honour for publishing excellent scientific articles, patents, initiatives, and books.
- Faculty encouraged to work as consultants.
- Wards of non-teaching staff eligible for a 50% tuition fee waiver.
- Free transport facility for teaching and non teaching staff
- Free accommodation and food for outstation faculty. Free food for drivers/ housekeeping workers.
- Even in covid time, the salary for the faculty and staff was paid appropriately.
- Staff tour arranged every year.
- Wedding/Diwali gift.
- Cash prize provided for 100 % result in their respective subject.
- On-campus medical facility to meet the medical needs.
- Maternity benefits for women employees.
- Marriage leave with pay for 7 days.
- Sabbatical leave to pursue further education and research.
- On-duty leave is provided to participate in workshops, seminars, conferences, etc.
- Monthly one causal leave is allowed to avail.
- Yearly 25 days of vacation leave is given.
- Indoor and outdoor game areas for faculty.
- On campus security, CCTV, post office and ATM facilities.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1E6X4dzXyCsCpGchNNMmOyGZjBs9RZtku/view?usp=drive_link
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

238

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

327

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 vision of the Institution is a shared goal of all stake holders and the faculty plays a vital role as a bridge among all stakeholders. In order to achieve the overall goal of the Institution, the achievements of the department and the individual are important. Our Institution adheres to an Academic Performance Indicator (API) feedback as prescribed by AICTE for every semester revolving around the four arms of teachers namely teaching, research, supporting activities and societal impact. The data collected from faculty members are processed through the Head of the Department with his recommendations and finally submitted to the HoI. The HoI in consultation with senior professors fixes the minimum scores for career advancements.

In addition, the course feedbacks are collected from the students and analysed. Further suitable measures are adopted to improve the teaching and learning process.

A some of the parameters like sincerity, punctuality, diligence, willingness to learn, subject knowledge and behaviour are considered in the appraisal system of Non-teaching staff.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1rWQ55kBTX4IXhQcwiT3GOhnWJoUunQdM/view?usp=drive_link
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The Institute conducts internal and external financial audits regularly to ensure the accuracy and reliability of the financial records. Internal audits are conducted by employees of the organization, while external audits are conducted by an independent auditor. The SOP available for audit serves as a guideline in implementing the internal and external audit.

- Internal audits focus on identifying and correcting problems with internal controls, which can help to prevent fraud and errors. Audits can help to identify and improve inefficient or ineffective processes, which can lead to cost savings and improved productivity. External audits focus on providing assurance on the accuracy of the financial statements.
- Both types of audits are important for ensuring the financial health of an organization and is implemented in our college. Audits are a valuable tool for improving the governance, risk management, and ensure that organizations are in compliance with applicable regulations, which can help to avoid fines and penalties. The results of the audits are communicated to management and the Governing body. Audits can help to ensure that organizations are in compliance with applicable regulations, which can help to avoid fines and penalties.

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

11.26

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

Institutional strategies for the mobilization of funds and optimal utilization of resources are critical for the sustainability and success of organizations. These strategies involve effective financial planning, diversification of funding sources, efficient resource allocation, and prudent financial management. Mobilization of funds is done through various ways.

The financial sources

- Fees collected from students - Tuition fees, hostel fees and transport fees.
- Grants received from various government and nongovernment organization.
- Donations, sponsorships
- 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)

Optimum Utilization of Resources

- Funds are utilized for the development of infrastructure, library facilities, to enhance academic activities, to fund for research, to provide training for increasing the professional competency of faculty and students and to provide financial benefits for the faculty and students.
- The institution is transparent about its financial status and there is a system in place for monitoring and evaluating the effectiveness of funding strategies.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1KzX_KvgKrmjJUetIaDrEnKmZX7rGx1l0/view?usp=drive_link
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC's contributions during the year include:

- Ensuring execution of planned academic and other events from the academic calendar.
- Coordinating with Department Heads to allot laboratories for common courses, ensuring smooth scheduling in computer laboratories.
- Monitoring the conduction of Continuous Assessment Tests, Model exams, and End Semester Examinations as per the academic plan. Providing analysis reports and guiding to achieve target attainment levels.
- Circulating guidelines for report submission related to various institution events such as guest lectures, seminars, conferences, workshops, etc.
- Organizing lectures on Outcome-based Education and technological innovations to enhance faculty quality.
- Collecting and analyzing feedback from stakeholders on curriculum and institution, taking action to address identified gaps.
- Tracking actions by non-statutory committees and documenting the progress.
- Establishing more Memorandum of Understanding with industries to bridge curriculum-industry gaps.
- Conducting academic administrative audit, quality, and environment audit annually.
- Coordinating celebrations of national and international festivals and important events with department heads to foster a harmonious environment.
- Setting targets for each NAAC criterion, distributing quarterly goals, and following up on action items during monthly IQAC meetings.
- Preparing the Annual Quality Assurance Report (AQAR) and

uploading data in the NAAC portal after obtaining NAAC's consent.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/accreditation/naac/iga/c/
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 carefully involves in all the processes and ensure it is customer focused. If any deviation / anomalies/ grievances is observed a mechanism is made to mitigate/ eliminate them and responsive to the stakeholders.

Key areas where IQAC provides support include:

- Preparation and adherence to the Academic Calendar.
- Ensuring the seamless execution of all planned activities.
- Collecting and consolidating feedback from stakeholders for effective implementation, submitted to the Head of Institution (HOI).
- Recognizing the significance of the pandemic period, IQAC initiated acquiring the Zoom platform and recommended enhancing internet bandwidth to 350 Mbps.
- Conducting Faculty Development Programs (FDP) to equip educators with ICT tools, MOODLE, and other resources for improved teaching methodologies.
- Acquiring secure licenses for Zoom and Kahoot online platforms, facilitating online teaching, faculty meetings, mentor-mentee interactions, and parent connectivity, maintaining academic continuity during the pandemic.
- Efficiently mapping all examination-related activities to software solutions.
- Encouraging students to participate in online internships, promoting experiential learning.
- Conducting post-pandemic Academic Administrative audits and lecture verifications to ensure adherence to policies and SOPs in academic and administrative activities.
- IQAC's proactive involvement in these processes ensures the institution's commitment to excellence and continuous

enhancement in the teaching-learning experience.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/accreditation/naac/iga/c/
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/
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

- 1. The use of gender sensitive language is followed in all institutional documents.**
- 2. Provide equal opportunity for the girls to build their personality, self-confidence and leadership qualities in academic, co-curricular, extra -curricular, extension**

activities.

3. Girl students are encouraged to participate in various national events and competitions like hackathons etc., sports and games.
4. 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.
5. 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.
6. 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/1c0KmOCa8_PZnJIZ1ae45ygntLX36zJ82/view?usp=drive_link
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/1krhLsxAynjItXKTNmkHlwqD5vzMW9xd/view?usp=drive_link

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

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

B. Any 3 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

A. Any 4 or all of the above

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

7.1.7 - The Institution has 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 socio-economic 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 Constituion, Essence of Indian Traditional Knowldege, Professional Ethics and Human Values in the curriculum. Through these courses, students were taught and to understand the human values, rights, duties of every citizensas entrained 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 Constituion dayand 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/1BlOXpo09k949v91KdEDLraVoHVr7vNDn/view?usp=drive_link
Any other relevant information	https://drive.google.com/file/d/1JCrn2D0iJRkqcOsbee1fLa3BZ9yLoNw/view?usp=drive_link

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

A. All of the above

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 Institution where we used to celebrate/ organizes National and International Commemorative days and Festivals among the students and faculties to spread the message of Unity, Love and Peace.

SMVEC keen to celebrate these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders who contributes the 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 courses, 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 needed.

Best Practice - II

Title: Student Support System

Objectives of the Practice: 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 Idea Lab.

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/Hometitle/Best_Practices_2021_22.pdf
Any other relevant information	https://drive.google.com/drive/folders/1kyj0d9u3-Y72nIXZ0lbsEgaM4Hhzgdhg?usp=drive_link

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. 70+ international certification are provided through 15 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.

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

In our institution, a well-planned Academic Calendar is prepared in advance of every semester's commencement. The Academic Calendar includes the allocation of subjects to faculty members based on their willingness and availability before the start of the semester. Additionally, students select Elective subjects such as Professional Electives and Open Electives prior to the semester's beginning.

Various aspects like the Class Time Table, Individual Time table, Course Plan, Question Bank, Assessment Question papers, content Beyond the syllabus, Industrial Visits, and In-plant Trainings are also planned well in advance. Before the semester starts, the Director cum Principal meets with all faculty members of each department. Once the semester begins, the Head of Department (HOD) monitors each course by collecting feedback from students and conducting Quality Circle Meetings (QCM).

To improve the faculty members' skills and benefit the students, everyone is encouraged to participate in various Faculty Development Programmes (FDPs), Workshops, and Seminars.

Although our curriculum and syllabus are well-structured, we value feedback from stakeholders to identify any curriculum gaps. Based on the identified gaps, we plan to organize guest lectures, workshops, and seminars to fulfill the students' needs and address these gaps.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/folders/1RMsRNx97SzgHrYwEuWqVyD4hXSxkZk81?usp=sharing

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

The Institution issues an academic calendar before each semester, outlining important dates such as the start and end of the semester, schedules for Continuous Assessment tests, and dates for end-of-semester examinations. SMVEC strictly follows this calendar and plans its activities, including Continuous Internal Evaluation (CIE), accordingly. Each department prepares its own calendar, which includes details such as the number of working days, holidays, and CIE dates, which may involve guest lectures, workshops, and other activities. Adhering to the academic calendar ensures fair and consistent CIE for all students, promoting a level playing field and timely completion of assessments. This approach facilitates effective communication and coordination between faculty, students, and administrative staff. The academic calendar helps faculty members plan their course delivery, research work, and co-curricular activities. CIE is conducted through a well-defined process, including the preparation of question papers based on Bloom's Taxonomy, scrutiny by a committee, and evaluation by course instructors. Laboratory courses, projects, seminars, and internships also undergo continuous evaluation. The Director cum Principal regularly reviews the semester's progress and suggests improvements, while any revisions to the academic calendar by the Institution are incorporated by the institute.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://docs.google.com/document/d/1vmWKHS_Ti-vobL4U9Buq-VplCWKHW_So/edit?usp=sharing&oid=105035851742651947738&rtpof=true&sd=true

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

A. All of the above

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)	
155	
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	
12896	

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

SMVEC takes an integrated approach to curriculum design, incorporating cross-cutting issues such as gender, environment, human values, and professional ethics. This approach ensures that students develop the competencies they need to be successful in the modern world, both professionally and personally.

Here are some examples of how SMVEC integrates these cross-cutting issues into the curriculum:

- **Gender:** SMVEC offers courses on gender equality, gender roles, and gender-based violence. The college also hosts workshops and events that promote gender sensitivity and awareness.
- **Environment:** SMVEC offers courses on environmental science, sustainable development, climate change, and resource management. The college also organizes field trips and hands-on projects that allow students to engage with environmental issues in a practical way.
- **Human values:** SMVEC propagates human values such as empathy, compassion, and respect through its courses and activities. The college also hosts workshops and events that encourage students to reflect on their values and develop a strong sense of personal ethics.
- **Professional ethics:** SMVEC offers courses on business ethics, media ethics, and medical ethics. The college also hosts debates and discussions that allow students to explore ethical dilemmas in different professions.

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

1352

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

1304

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

A. All of the above

institution from the following stakeholders
Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	https://docs.google.com/forms/d/e/1FAIpOL_SdGjXmVwbei36bT8Ga-JongUwXWLpMrUsb72SdJhgAom7791g/viewform
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	Nil

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

1625

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

1504	
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	
<p>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 we provide the necessary guidance and motivation to excel.</p> <p>For advanced learners, we celebrate their achievements through certificates and mementos during college day celebrations. They are encouraged to explore advanced topics through faculty-guided projects and prepare for competitive exams like GATE, CAT, TOEFL, and GRE. Opportunities to attend conferences, workshops, and publish papers enrich their academic journey.</p> <p>Average learners receive personalized attention with faculty mentors, additional tutoring, and skill enhancement workshops. We offer academic counselling, recognize progress, and provide opportunities for co-curricular activities.</p> <p>For slow learners, we arrange coaching classes before exams and revision sessions during study holidays. A supportive environment empowers them to overcome challenges and achieve growth.</p> <p>Our Institute values every student's potential, fostering a learning community that celebrates diversity and provides the necessary guidance and motivation for all to succeed. Through continuous assessment and individualized support, we prepare students to become well-rounded individuals, ready to make positive contributions to society.</p>	

File Description	Documents
Paste link for additional information	https://smvec.ac.in/
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
4780	430

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

The Sri Manakula Vinayagar Engineering College prioritizes experiential, participatory, and problem-solving approaches to enhance learning experiences. These methods focus on active engagement, application of knowledge, and improved comprehension and memory retention. The college utilizes the following instructional strategies:

(i) Participatory Learning:

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

(ii) Experiential Learning:

- Project Expo
- Industrial visits
- Poster making
- Circuit Debugging

- Hands-on Training

(iii) Problem Solving Learning:

The objective is to address real-life problems using engineering principles and technologies. Solutions may involve fabrication, coding, modeling, product design, process design, or relevant scientific methodologies. Strategies include:

- Technical quizzes
- Aptitude tests
- Product design
- Design Thinking competitions
- Quizzes on facts
- Surveys

Outcome: These approaches facilitate active learning, practical application, and the development of problem-solving skills, thereby contributing to the achievement of Program Outcomes (POs) and Program Educational Outcomes (PEOs).

File Description	Documents
Upload any additional information	View File
Link for additional information	http://elearn.smvec.ac.in/course/index.php?categoryid=13

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

The Sri Manakula Vinayagar Engineering College embraces ICT-enabled teaching alongside traditional classroom education. All classrooms and labs are equipped with projectors and the campus has high-speed WiFi. During the lockdown, teaching shifted entirely online. Faculty utilized various ICT tools, including Microsoft Office Suite, Google Suite, and Adobe Creative Cloud. Video conferencing platforms such as Zoom, Skype, and Google Meet facilitated virtual classes and meetings. Great Learning provided additional online courses. Interactive methods, such as animated PPTs, video clippings, and resources from NPTEL, Coursera, and YouTube, were employed. Simulation tools and virtual labs offered practical learning experiences. Online assessment tools like Mentimeter and Quizz.com evaluated student understanding. Cloud portals facilitated storage and collaboration. The college created a modern and inclusive learning environment by integrating these ICT tools, empowering faculty and students with diverse resources for enhanced teaching and learning.

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

396

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

430

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

91

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

2562

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.

To evaluate the learning process regularly, the institute conducts continuous assessment test as per the schedule of the institutional academic calendar which is shared to all the students for their reference and also uploaded in college website. Time table of the examination is circulated to all the classes well in advance and Tests/Exam is conducted as per the schedule. Answer sheets are evaluated within one week and the answer scripts are shown to students and in case of any discrepancies they get clarified through a well-established mechanism .Marks scored by the students are communicated to the parents by post.

Continuous Assessment Test1 and Continuous Assessment Test 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. To measure the learning process, 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.

Internal Assessment marks for Practical courses are awarded based on the performance and viva voce in 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/1RSsmYm-IlqGfsqJ431pIiPug2_PhRkna?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 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 complaints and recommend appropriate measures to the Head of the Institution for necessary action. The entire process needs to be completed within ten days. Theory and practical evaluation parameters and weightage of marks are disseminated to the concerned and Academic policy of the institution.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/drive/folders/1TlM-Q55aMe6Nvy0YSXa1TcJcH_U-duFk?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. Programme Outcomes are adopted as suggested by the National Board of Accreditation. Programmes Specific Outcomes are framed to design the required programme specific competencies.

Communication to the Students

- POs, PSOs and COs are communicated through academic calendar, curriculum, Regulations, books, notice boards, laboratory records, lecture notes, learning management system.
- On the first day of the class, each course teacher explains the POs, PSOs and COs to the 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 and employers through the department brochures.
- All the POs, PSOs and COs are made available in college website for the parents, industries and 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://drive.google.com/drive/folders/11-VB0YyrX2IEngDXgbvV48DNqyFy8AK-?usp=sharing
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 calculating system is implemented to measure CO, PO and PSO attainment. Various Assessment Tools for measuring CO attainment is integrated in examination system. 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% through direct method and 20% by indirect method.

For PO & PSO attainment, direct method includes CO attainment values and indirect methods such as student exit survey, parent survey, alumni survey and employer survey. Overall PO& PSO attainment is calculated with 80% through direct methods and 20% by indirect methods.

Each department has a Department Advisory Committee (DAC) which verifies the attainment periodically. At the end of semester, DAC evaluates the attainment of COs and PO& 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/15cL7yDG9fHVF7Cc8fFyuLy7g8hlg46Ma?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

1036

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/drive/folders/1w2v7XYrSOVcSdk21_LERpzo7hpNfnbVA?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/u/3/folders/1fOP_ILz3-1zy2Mni4jmmORfm3ZsCFy

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)

81.18

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

39

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

8

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.faer.ac.in/2122-faer-mcafee-scholar-awards

3.2 - Innovation Ecosystem

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

transfer of knowledge

Our curriculum fosters an innovation ecosystem through courses that stimulate students' innovative ideas, including entrepreneurship basics. Students apply entrepreneurial knowledge gained in these courses and enhance their creative capacity through hackathons and codeathons. The IDEA Lab supports students and teachers in turning ideas into working prototypes, promoting problem-solving and cooperation skills. This education focus aims to cultivate inventiveness and creativity for their future careers.

Teachers undergo training in these labs to understand their roles in research, development, and teaching. They motivate students to engage in events, projects, and internships utilizing the labs while offering tailored mentorship. The Innovation and Incubation Centre (IIC) follows Ministry of Education guidelines, organizing activities to nurture startup, intellectual property, and innovation ecosystems. The IIC's IPR cell conducts regular orientation and training sessions on patents for faculty and students, fostering product development benefiting society and entrepreneurial skills.

The institute provides seed funding to initiate research and development (R&D) and transfer knowledge for teachers and research scholars. This funding supports start-ups, entrepreneurs, and researchers to develop prototypes and gather preliminary research data, ultimately creating an innovation ecosystem and sharing technical knowledge with teachers and students.

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

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

137

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

28

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

95

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

75

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

The ability of this college to guarantee students' holistic growth and prepare them to be responsible citizens is one of its greatest strengths. The college administration works to encourage students to participate actively in social activities and to inspire them to build an ethical society. The college prioritises giving students an excellent education by fostering moral principles, scientific concepts and the use of cutting-edge technology. It strives for excellence in order to develop students who are well-developed intellectually, professionally, and culturally to address domestic and international challenges. The institute has started a number of community development initiatives because it is aware of its responsibility to foster a sense of community on campus and in the neighbourhood. Numerous extension and outreach initiatives that are related to student, academic, social, cultural, and community services are regularly organised by the college.

Students will take on an issue from the local community as a project team in subjects like Professional Ethics, NSS/NCC, and Environmental Science, and they will come up with creative technical solutions. Active student organizations such as clubs and chapters give students a place to participate in co-curricular, extracurricular, and community service activities. Clubs that actively engage in direct interaction with society

File Description	Documents
Paste link for additional information	https://smvec.ac.in/extension-activities/#NSS
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

49

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

52

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

5183

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

496

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

38

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 Institution is a well-developed high-tech campus spread across 125 acres. It houses various Schools, including Engineering, Architecture, Arts, Commerce, Science, Agriculture, Physiotherapy, and Allied Health Science. The campus has 110 Wi-Fi-enabled classrooms for Engineering, Management, and Computer Applications programmes.

- Each classroom is spacious, well-ventilated, and equipped with flexible seating arrangements. There are 14 Seminar Halls for department-level programs and association activities.
- Each department has well-equipped Laboratories for practical learning and research.
- Auditorium and Conference halls are available for College-level programs.
- All classrooms are equipped with audio-visual aids, including projectors, screens, and some have smart boards for dynamic presentations.
- The IT infrastructure includes modern computer labs and high-speed internet connectivity. Study materials are posted in the Google Classroom which would help the students in their learning. Online tutorials, quizzes and assignments are also conducted using Google Classroom.
- The central and department library is a valuable resource with a wide range of books, reference materials, journals, and e-resources, along with computer systems for research purposes.
- The campus is dedicated to eco-friendliness and sustainability, employing renewable energy sources like

solar power generation.

Overall, The Institution fosters a holistic educational environment that empowers students to excel academically and professionally.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1fnq1XkBXrUVR566qVwLHstdriR9DEde?usp=sharing

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

Sports are a vital component of the college curriculum, with a wide range of facilities provided on campus. Interdepartmental, intercollegiate, and interuniversity sports competitions promote teamwork and foster connections among students. The campus offers both outdoor sports like cricket, basketball, volleyball, and football, as well as indoor activities such as table tennis, chess, and carom.

The highly anticipated annual sports event, "Nexus," exemplifies the college's commitment to nurturing physical fitness and a strong sporting culture. Enthusiastic participants from diverse disciplines compete in cricket, football, basketball, athletics, and more. On the cultural front, "Sparks" showcases creativity and artistic talent, providing students a platform for music, dance, drama, poetry, and other forms of expression.

For physical fitness, a modern gymnasium is available, while yoga centers help improve the physical and mental well-being of students and faculty. The institution trains and motivates students to excel in competitions at various levels, from District to National.

Additionally, the campus has an in-house temple for meditation, and physiotherapy facilities are utilized to train students effectively.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1REowDBDdCguD2FNwdymZSV7SY_5kM4QF?usp=sharing

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

124

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1fnq1XkBXrUVR566qVwLHstdriR9DEde ?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)

2321.7

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)

Library Management Suite 1.0 software is available since 2011 and designed to help and manage the operations of a library. It allows librarians to track, manage books, journals, magazines, and other library resources. The system typically includes features such as cataloging, which involves organizing library resources and creating records of items, and circulation management, which involves tracking the movement of items in and out of the library. Other features include patron management, which involves maintaining records of library users, and reporting, which provides data on library usage and performance.

Key features of a library management system include circulation management for borrowing and returning materials, user management for maintaining user accounts and tracking borrowing history, reporting for generating usage statistics, search functionality to help users find materials, and security measures to protect sensitive information.

The library has 30 systems with internet connectivity, allowing students to access e-journals, e-books, databases, and remote e-resources. The e-Resource Journal Collections include IEEE journals, which publish research articles in electrical engineering and computer science, DELNET, a library network promoting resource sharing and collaboration and J-Gate is an electronic gateway providing access to millions of journal articles for research, teaching, and reference purposes.

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)

119.96

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

1608

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 institution has implemented a comprehensive IT policy covering Wi-Fi connectivity, cyber security, and more. To meet the growing needs of its student and faculty community, the institution acquired 210 state-of-the-art computers valued at Rs. 114.58 lakhs. These computers are equipped with cutting-

edge hardware and software for research, learning, and academic pursuits. The software licenses were renewed with a budget of Rs. 9.33 lakhs.

- The campus is equipped with both wired and wireless internet access, allowing users to connect from classrooms, library, labs, and hostels. The internet connection is regularly updated, offering a 24X7 Wi-Fi facility with a bandwidth of 350 MBPS provided by BSNL. The institution has a total of 1606 computers for students and staff.
- To enhance security, the institution uses a firewall service from Sonic Wall, renewing the support license annually. Networking peripherals include CISCO 1900 and DLINK switches with a speed of 1 GBPS.
- The institute operates licensed versions of Windows Operating System while also utilizing open-source operating systems like Ubuntu OS and other software tools. Additionally, printers are purchased as per the departmental requirements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1a vWpGJ8Y2NiHAVijLoD284e6k07770Ck?usp=sharing

4.3.2 - Number of Computers

1606

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)

852.77

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.

The institution has well established standard systems and procedures to ensure the maintenance of academic, physical and support facilities. The maintenance department has an array of people in hierarchy which includes Registrar, Administrative officer, Project Engineer, Senior site Engineer, technicians and workers.

To enhance the durability of the building structures, maintenance such as cleaning, white washing plumbing and pest control are carried out at regular intervals. Also monitors the cleaning of water tanks and sanitary arrangements. The maintenance of building are ensured through inspection authority such as fire safety license, building stability certificate.

Electrical maintenance includes monthly monitoring of electrical systems such as solar PV system and regular cleaning of solar panels generator ,UPS and batteries.The furniture maintenance includes customized fabrication of cabinets ,desks, counter tops ,installation of doors and windows.The indoor and outdoor stadiums ,gymnasium,playgrounds and other sporting equipment are regularly supervised.

The other facilities such as the RO plant, which provides 24 X 7 drinking water facility is maintained with periodic testing.

Green campus is well maintained by full time gardeners and fire extinguishers are provided in all laboratories and buildings.The proper function of equipments are checked every semester and first aid kits are kept at laboratories.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1mQmscgqzLIyMDGWFXJAnRmKDacOg9F5e?usp=drive_link

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

1109

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

55

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://smvec.ac.in/placement/#Training_Division
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

4168

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

4168

File Description	Documents
Any additional information	View File
Number of students benefitted 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**

1001	
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	
51	
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	
3	
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.

84

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)

Students' Role in Academic and Administrative Bodies/Committees:

- Actively involved in Quality Circle Meetings to express their views about academics and assessment practices to enhance their learning skills.
- Members of various professional bodies and Clubs that impart technical knowledge and future updates by organizing seminars and workshops
- Alumni are invited as members of the Board of Studies to meet and discuss curriculum development and other related matters.
- In DAC meetings, students are included as members so that they can give suggestions regarding curriculum, syllabi, and other academic activities.
- The Literary Association Committee arranges interactive lecture sessions, seminars, and other events to disseminate knowledge and cultivate the language skills required.

Students' Role in Extracurricular Activities:

The students actively participate in various activities besides academics. The members of the Students' Council organize programs related to:

- Sports events through the Sports Committee
- Cultural programs through the Cultural Committee
- Socially related activities through NSS activities such as blood donation camps, the Swachh Bharat Abhiyan, Yoga Day, tree plantation, etc.,. They have carried out many outreach programs.
- Nila FM, a community radio station established by the institution, actively involves students in performing programs that focus on uplifting society and creating awareness among rural people.

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

11

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 are one of the main stakeholders of SMVEC. They contribute immensely to the development of the College in multiple dimensions. The Alumni Association was formed in the year 2003. Students from the senior batches are inducted into the alumni association during the annual general body meeting conducted every year in August. The Alumni association acts as a bridge between the nostalgic past and the hopeful future. The association envisages a handful of initiatives that bring together our alumni and students under various activities. The continuous interaction between the past and present students is enhanced by publishing a newsletter, and holding a periodical alumni day celebration. Their Contribution and support system towards improving entrepreneurship activities are phenomenal. Alumni have also contributed immensely as members of DAC, BoS, delivering Guest lectures, offering Internships, assisting in Placement and organizing Industrial visits to students. Their involvement helps to increase the Placement percentage of our institution continuously. The alumni also help the final year students of the various streams of engineering, business administration and computer applications to get their placements and internship in their companies.

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

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

- Governance of our Institution is participatory, consensual, accountable, student focussed, transparent, effective and efficient following the policies and procedures inclusive of all stake holders.
- Thus, the governance facilitates and supports the participation of decision making and ensure the communication reaches to the tail end of the employees to achieve our educational objectives using our resources very effectively and efficiently.
- Board of Management (BoM) which consists of Chairman cum Managing Director, Vice Chairman, Secretary, Treasurer and members of the Trust. The strategic plan of the Institution is prepared by Head of the Institution (HoI) in consultation with BoM after collecting feedback from all stake holders, regular meeting with faculty members and doing SWOC analysis.
- HoI keeps this in HoDs meeting and in turn placed in the department faculty meeting by respective HoDs. After elaborate discussion and collection of information, it is again kept for discussion with BoM.
- The final strategy planning is placed before Academic council and Governing Body for valuable insights and inputs from learned persons. After collection and ratification, it is implemented scrupulously.
- Care is always taken that all our planning, Development, Execution and collection of feedback are aligning with our well laid down policies and procedures, thereby reinforcing our vision and mission.
- IQAC plays a vital role in reviewing policies and does periodical checks, identifies the areas of improvements and provide information to the HoI
- Besides the statutory bodies like GB, AC,FC and BoS, we have several Non-statutory committees functioning for the smooth conduct of the Institution.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1NnvFQsKwnwCMjGOr0ksCxcqWr70-pZTG/view?usp=drive_link
Upload any additional information	View File

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

SMVEC is an autonomous institution that fosters participative and collaborative administration by involving various stakeholders. It promotes participative management among staff, empowering them to understand teaching, research, institution management, and societal impact. SMVEC delegates decision-making authority, granting departments autonomy and flexibility.

- The HoI conducts periodic meetings with HoDs, making unanimous decisions, exemplifying collective responsibility. Faculty meetings document minutes, and the HoI is informed of implementation difficulties for remedial action, ensuring faculty's freedom to express opinions.
- This approach makes departments more responsive to students and faculty needs. Academic and administrative committees, involving faculty and students, maintain discipline, academic performance, and conduct placement, conferences, seminars, sports, and extension activities.
- The placement cell's functioning proves successful decentralization, with commendable outcomes from the placement team headed by the placement officer. The IQAC ensures educational programs meet high standards and provides inputs to the HoI.
- SMVEC has professional bodies and student chapters involving students in decision-making, programs, and leadership grooming. The supportive Board of Management provided full salaries to employees during the 8-month COVID-19 lockdown.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1SKNsirf0MadrMoYGn2yq13MkBwl5weS?usp=sharing
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic plan is an important tool for an Institute to manage itself effectively because it

- Provides a framework for effectiveness and sense of direction
- Outlines the goals and measurable targets
- Is useful for guiding day-to-day actions
- Helps in evaluating progress and changing approaches when moving forward

The plan is developed to establish deep roots that provide firm foundation for the constant up-gradation of the Institution, as well as to energize the drive of experimentation and innovation, keeping the focus on vision and mission. The strategic plan sets out a framework of priorities for the Institution.

Goals of the Institution:

- Goal 1: To emerge as the highly respected multi-domain focused learning institution
- Goal 2: To improve research, consultancy, innovation, and extension
- Goal 3: To enhance faculty competence and visibility
- Goal 4: To provide high quality infrastructure and facilities
- Goal 5: To become a highly ranked Institution

Metrics/Year	2021-22	2022-23	2023-24	2024-25	2025-26
Introducing interdisciplinary UG Programmes	4	4	4	-	-
Introducing new multidisciplinary PG programmes (branch wise)	1	2	2	2	2
Percentage of students deputed for summer/winter internship	25%	100%	100%	100%	100%
Percentage of students qualifying the competitive professional exams	5%	10%	15%	20%	25%

In the academic year 2021-22, all the metrics for objective 1 were attained

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://docs.google.com/document/d/1IscwZLhrhyZMMA6AMFh5IaSEyG_rV2BR/edit?usp=drive_link&oid=105035851742651947738&rtpof=true&sd=true
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 college has a well-structured administrative system with clear lines of authority, defined roles, and effective communication and coordination. The Head of Institution (HoI) is responsible for academic activities and regular administrative functions, receiving support from Deans-Academic, Dean-Research and Development, Deans of various schools, Placement officer, and HoDs to implement policies and achieve goals.

- Around 20 well-defined policies provide a clear framework for decision-making and action within the college. These policies outline objectives, guidelines, and procedures to ensure consistency, coherence, and informed decision-making, fostering trust and confidence.
- An efficient administrative setup is crucial for smooth operations. The college's HR policy includes appointment and service rules, ensuring a competent workforce through transparent and merit-based recruitment, appointment, and promotion processes.
- Well-defined procedures are established for various committees, academic, co-curricular, sports, and extension activities, waste management systems, MIS, IT policy, maintenance support, grievances redressal mechanisms, welfare policy, Discipline committee, and staff and student safety and security. These procedures satisfy all stakeholders.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1E6X4dzXyCsCpGchNNMmOyGZjBs9RZtku/view?usp=drive_link
Link to Organogram of the institution webpage	https://drive.google.com/file/d/1ByH3mLccpeaJH0dhD1NB4tbQaaCi6xiJ/view?usp=drive_link
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

SMVEC is sincerely committed to the welfare of its employees and value their hard work and dedication. Various welfare measures provided are as follows.

- Registration fee reimbursement for FDP/ conferences.
- TA/DA for attending conferences.
- For patent filing, fee will be paid by the institution.
- Honour for publishing excellent scientific articles, patents, initiatives, and books.
- Faculty encouraged to work as consultants.
- Wards of non-teaching staff eligible for a 50% tuition fee waiver.

- Free transport facility for teaching and non teaching staff
- Free accommodation and food for outstation faculty. Free food for drivers/ housekeeping workers.
- Even in covid time, the salary for the faculty and staff was paid appropriately.
- Staff tour arranged every year.
- Wedding/Diwali gift.
- Cash prize provided for 100 % result in their respective subject.
- On-campus medical facility to meet the medical needs.
- Maternity benefits for women employees.
- Marriage leave with pay for 7 days.
- Sabbatical leave to pursue further education and research.
- On-duty leave is provided to participate in workshops, seminars, conferences, etc.
- Monthly one causal leave is allowed to avail.
- Yearly 25 days of vacation leave is given.
- Indoor and outdoor game areas for faculty.
- On campus security, CCTV, post office and ATM facilities.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1E6X4dzXyCsCpGchNNMmOyGZjBs9RZtku/view?usp=drive_link
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

238

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

327

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 vision of the Institution is a shared goal of all stake holders and the faculty plays a vital role as a bridge among all stakeholders. In order to achieve the overall goal of the Institution, the achievements of the department and the individual are important. Our Institution adheres to an Academic Performance Indicator (API) feedback as prescribed by AICTE for every semester revolving around the four arms of teachers namely teaching, research, supporting activities and societal impact. The data collected from faculty members are processed through the Head of the Department with his recommendations and finally submitted to the HoI. The HoI in consultation with senior professors fixes the minimum scores for career advancements.

In addition, the course feedbacks are collected from the students and analysed. Further suitable measures are adopted to improve the teaching and learning process.

A some of the parameters like sincerity, punctuality, diligence, willingness to learn, subject knowledge and behaviour are considered in the appraisal system of Non-teaching staff.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1rWQ55kBTX4IXhQcwiT3G0hnWJoUunQdM/view?usp=drive_link
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The Institute conducts internal and external financial audits regularly to ensure the accuracy and reliability of the financial records. Internal audits are conducted by employees of the organization, while external audits are conducted by an independent auditor. The SOP available for audit serves as a guideline in implementing the internal and external audit.

- Internal audits focus on identifying and correcting problems with internal controls, which can help to prevent fraud and errors. Audits can help to identify and improve inefficient or ineffective processes, which can lead to cost savings and improved productivity. External audits focus on providing assurance on the accuracy of the financial statements.
- Both types of audits are important for ensuring the financial health of an organization and is implemented in our college. Audits are a valuable tool for improving the governance, risk management, and ensure that organizations are in compliance with applicable regulations, which can help to avoid fines and penalties. The results of the audits are communicated to management and the Governing body. Audits can help to ensure that organizations are in compliance with applicable regulations, which can help to avoid fines and penalties.

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

11.26

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

Institutional strategies for the mobilization of funds and optimal utilization of resources are critical for the sustainability and success of organizations. These strategies involve effective financial planning, diversification of funding sources, efficient resource allocation, and prudent financial management. Mobilization of funds is done through various ways.

The financial sources

- Fees collected from students - Tuition fees, hostel fees and transport fees.
- Grants received from various government and nongovernment organization.
- Donations, sponsorships
- 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)

Optimum Utilization of Resources

- Funds are utilized for the development of infrastructure, library facilities, to enhance academic activities, to fund for research, to provide training for increasing the professional competency of faculty and students and to provide financial benefits for the faculty and students.
- The institution is transparent about its financial status and there is a system in place for monitoring and evaluating the effectiveness of funding strategies.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1KzX_KvgK_rmiJUetIaDrEnKmZX7rGx110/view?usp=drive_link
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

IQAC's contributions during the year include:

- Ensuring execution of planned academic and other events from the academic calendar.
- Coordinating with Department Heads to allot laboratories for common courses, ensuring smooth scheduling in computer laboratories.
- Monitoring the conduction of Continuous Assessment Tests, Model exams, and End Semester Examinations as per the academic plan. Providing analysis reports and guiding to achieve target attainment levels.
- Circulating guidelines for report submission related to various institution events such as guest lectures, seminars, conferences, workshops, etc.
- Organizing lectures on Outcome-based Education and technological innovations to enhance faculty quality.
- Collecting and analyzing feedback from stakeholders on curriculum and institution, taking action to address identified gaps.
- Tracking actions by non-statutory committees and

documenting the progress.

- Establishing more Memorandum of Understanding with industries to bridge curriculum-industry gaps.
- Conducting academic administrative audit, quality, and environment audit annually.
- Coordinating celebrations of national and international festivals and important events with department heads to foster a harmonious environment.
- Setting targets for each NAAC criterion, distributing quarterly goals, and following up on action items during monthly IQAC meetings.
- Preparing the Annual Quality Assurance Report (AQAR) and uploading data in the NAAC portal after obtaining NAAC's consent.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/accreditation/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 carefully involves in all the processes and ensure it is customer focused. If any deviation / anomalies/ grievances is observed a mechanism is made to mitigate/ eliminate them and responsive to the stakeholders.

Key areas where IQAC provides support include:

- Preparation and adherence to the Academic Calendar.
- Ensuring the seamless execution of all planned activities.
- Collecting and consolidating feedback from stakeholders for effective implementation, submitted to the Head of Institution (HOI).
- Recognizing the significance of the pandemic period, IQAC initiated acquiring the Zoom platform and recommended enhancing internet bandwidth to 350 Mbps.
- Conducting Faculty Development Programs (FDP) to equip educators with ICT tools, MOODLE, and other resources for improved teaching methodologies.

- Acquiring secure licenses for Zoom and Kahoot online platforms, facilitating online teaching, faculty meetings, mentor-mentee interactions, and parent connectivity, maintaining academic continuity during the pandemic.
- Efficiently mapping all examination-related activities to software solutions.
- Encouraging students to participate in online internships, promoting experiential learning.
- Conducting post-pandemic Academic Administrative audits and lecture verifications to ensure adherence to policies and SOPs in academic and administrative activities.
- IQAC's proactive involvement in these processes ensures the institution's commitment to excellence and continuous enhancement in the teaching-learning experience.

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

1. The use of gender sensitive language is followed in all institutional documents.
2. Provide equal opportunity for the girls to build their personality, self-confidence and leadership qualities in academic, co-curricular, extra -curricular, extension activities.
3. Girl students are encouraged to participate in various national events and competitions like hackathons etc., sports and games.
4. 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.
5. 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.
6. 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/1c0Km0Ca8_PZnJIZ1ae45ygntLX36zJ82/view?usp=drive_link
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/1krhLsxAy_njItXKTNmkHlwgD5vzMW9xd/view?usp=drive_link

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

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

B. Any 3 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

A. Any 4 or all of the above

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

7.1.7 - The Institution has 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 socio-economic 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/1B1OXpoQ9k949v91KdEDLraVoHVr7vNDn/view?usp=drive_link
Any other relevant information	https://drive.google.com/file/d/1JCrn2D0iJRkqcOsbee1_fLa3BZ9yLoNw/view?usp=drive_link

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

A. All of the above

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 Institution where we used to celebrate/ organizes National and International Commemorative days and Festivals among the students and faculties to spread the message of Unity, Love and Peace. SMVEC keen to celebrate these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders who contributes the 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 courses, 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 needed.

Best Practice - II

Title: Student Support System

Objectives of the Practice: 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 Idea Lab.

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_2021_22.pdf
Any other relevant information	https://drive.google.com/drive/folders/1kyj0d9u3-Y72nIXZ0lbsEgaM4Hhzqdhg?usp=drive_link

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. 70+ international certification are provided through 15 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 2022-23

- After the impact of Covid '19 it is decided to conduct mega events in offline such as Graduation day, College day, Jubilation Day, Innovators day to bring out the talents of students and recognize their achievements
- Decided to host a mega International Conference reaching out faculties, Scholars and students from all parts of countries
- Plan to obtain 2 (f) and 12 B status
- Improve and encourage participation of students and faculty to undergo NPTEL courses post Covid even if the offline mode of lectures are started
- To create awareness through series of lectures on the importance of NEP, Outcome Based Education and rankings of the institution
- To improve the placement in terms of higher salary package and average salary
- To have Memorandum of Understanding with reputed consultants and improve the scope of overseas higher studies by students in foreign Universities
- To strengthen the AICTE Idea Lab by converting the student project work and prototypes to design patents.