



YEARLY STATUS REPORT - 2020-2021

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
• 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@yahoo.com
• 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 University																		
• Name of the IQAC Coordinator	Dr.AA. Arivalagar																		
• 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/wp-content/Files/accreditation/naac/AQAR_2019-20.pdf																		
4.Whether Academic Calendar prepared during the year?	Yes																		
• if yes, whether it is uploaded in the Institutional website Web link:	https://smvec.ac.in/wp-content/uploads/2022/05/B.Tech Odd 2020-21.pdf																		
5.Accreditation Details																			
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>A</td> <td>3.14</td> <td>2013</td> <td>05/01/2013</td> <td>04/01/2018</td> </tr> <tr> <td>Cycle 2</td> <td>A</td> <td>3.03</td> <td>2019</td> <td>28/03/2019</td> <td>27/03/2024</td> </tr> </tbody> </table>		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
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
SMVEC	INTERNATIONAL CONFERENCE	AICTE	2020-2021	Rs.2,17,000
SMVEC/ECE	SPICES	AICTE	2020-2021	Rs.1,00,000
SMVEC/MECHANICAL	ATAL FDP	AICTE	2020-2021	Rs.93,000
SMVEC/ECE	ATAL FDP	AICTE	2020-2021	Rs.93,000
SMVEC/CSE	ATAL FDP	AICTE	2020-2021	Rs.93,000
SMVEC/ICE	ATAL FDP	AICTE	2020-2021	Rs.93,000
SMVEC	IDEA LAB	AICTE	2021	Rs.1,25,00,000

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)			
Enhanced the quality of online classes and provided all Educational resources through LMS			

Practical classes conducted through Virtual Laboratories

Implemented AICTE Exam Reforms in all Continuous Assessment Test and End Sem Examinations

ARIIA RANKING 2021 RECEIVED EXCELLENT BAND

Established IDEA LAB funded by AICTE and our Management with the cost of Rs1.25 Crores and 10 centers of excellence developed to provide hands on and industry oriented training

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
Implementation of effective online teaching through LMS due to pandemic	Effectively implemented through Great Learning Platform and all educational resources are provided through LMS
Implementation of AICTE Exam Reforms in all examinations	Effectively implemented in all continuous Assessment Tests and End Sem Examinations
Increase more number of Skill development courses in curriculum	Total of 119 Skill Development courses are included in curriculum of various Departments
Training of students through Virtual Laboratories due to Pandemic	Students are trained through Virtual Laboratories
Enhance the ranking of ATAL ARIIA, NIRF	Achieved EXCELLENT in ARIIA Ranking 2021
Enhance R&D Activities ,Faculty Research Publications and Patents	Improvement in Faculty Publication (230 Publications) and Patent (52 Numbers)
Encourage Faculty members to participate more FDP/WORKSHOPS and certify MOOC Courses to enhance and update their skills	Faculty Members have Participated in 678 FDP/STTP/Workshops
Introduction of Additional Courses in B.Tech AIDS,CCE,CSBS,FT	The courses are started from the Academic Year 2020-2021
Apply for more grants/funds from different funding agencies	Total grants Received Rs.1,31,89,000
Increase the number of Guest Lectures /Seminars/FDPs	575 Guest Lectures/Seminars/Workshops/FDP Conducted by all Departments
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)
Academic Council	16/12/2021
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-2021	30/03/2022
15. Multidisciplinary / interdisciplinary	
16. Academic bank of credits (ABC):	
17. Skill development:	
18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):	
20. Distance education/online education:	

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 4245

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 1016

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 1158

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 407

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 407

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	4245
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	1016
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	1158
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	407
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	407
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	98
Total number of Classrooms and Seminar halls	
4.2	2702
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1270
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Sri Manakula Vinayagar Engineering College is an autonomous institution affiliated with Pondicherry University and offers its own curriculum.

The director cum Principal of the college regularly conducts meetings with the various Head of Departments to develop strategies for effective implementation of the curriculum.

All the departments have mechanisms for the effective delivery of the documented curriculum. Every faculty is provided access to high-speed internet, and access to online resources such as NPTEL videos, etc. to enable faculty to enrich the content of teaching.

Faculties are encouraged to impart the curriculum through innovative teaching methods such as Presentations, Assignments, Discussions, Workshops, Seminars, and Industrial visits besides the regular/traditional chalk and talk methods.

The institution's academic calendar is prepared and a specific department calendar of Events is derived well in advance before the commencement of the semester. It consists of the activities planned for the semester which includes schedules for Continuous Assessment Test, I, Student feedback collection, Project review, Syllabus completion, and Quality Circle Meeting.

During the semester, the faculty members strictly follow the lesson plan laid out for each course which is also verified by the Program Academic coordinators, Head of the Department, Dean Academics and Director cum Principal periodically

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

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

All academic activities strictly adhere to the schedules given in the Academic Calendar. The dates on which attendance should be closed and the dates on which the continuous assessment test [CAT] should be conducted are all part of the Academic Calendar.

- Continuous Assessment tests are centrally monitored by Academic Dean and CoE.
- Monitoring includes Collecting question papers from the departments
- Arranging for invigilation during tests
- Collecting back the marks and answer sheets
- Declaring the results of the assessment
- Calculating the internal assessment marks based on the internal assessment marks.

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

1.1.3 - Teachers of the Institution participate in following activities related to curriculum

A. All of the above

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

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)

159

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

4245

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

- Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum as suggested by the Model Curriculum of AICTE. The R2020 curriculum includes
- One mandatory course on Professional Ethics, One Audit course on Value Education related to Universal Human Values,
- One Audit course on Personality Development through life enlightenment skills, One Theory course on Professional Practice and Ethics,
- One Specialization Course on Stress Management, One Professional elective Course on Business Ethics and Corporate Social Responsibility. All the courses of all programs are checked for their coverage of Sustainable Development Goals and indicated in the syllabus.

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

37

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

1233

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

1.4 - Feedback System

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

A. All of the above

from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://drive.google.com/file/d/1wmAJ2c1NBmD1wRLvcLEL3yZxOFYeBtJH/view?usp=sharing
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded
1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken
File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://smvec.ac.in/feedback-form/
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
1310	
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	
689	

File Description	Documents
Any additional information	No File Uploaded
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

Our Institute has a culture of encouraging bright students and assisting weak students by providing them with necessary guidance and moral support. As per the guidelines of DAC,

- Continuous assessment of Students to identify the advanced and average learners is based on the following aspects: Continuous Assessment Test and End Semester examination results.
- Initiatives for the advanced Learners:
- Class Toppers will be awarded with certificates and mementos, during college day celebrations.
- The bright students are identified based on their overall performance and Academics.
- The students are encouraged to do projects on advanced topics under the guidance of faculty members.
- They are advised to undertake GATE, CAT, TOEFL, and GRE exams and are guided for higher studies.
- Encouraged to attend conferences, and workshops and publish papers

Assisting weak students,

- A Faculty mentor is deputed for every 15-20 students to monitor the growth of the students and their academic needs, give career counselling etc.
- Coaching classes are arranged for slow learners one day before the End Semester examination.
- During study holidays, revision classes are conducted after the completion of the syllabus.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
4245	407

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Sri Manakula Vinayagar Engineering College focuses on student-centric methods for enhancing the lifelong learning skills of students. The institute organizes an annual technical fest on engineer's day every year in the name of "INNOVATORS DAY" in which students showcase their learning in the form of innovative projects. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods. 1. Experiential Learning: The institution imparts the following experiential learning practices to enhance the creativity and cognitive levels of the students -

- Laboratory Sessions are conducted with content beyond the syllabus experiments.
- Add-on Courses on latest technologies with Platforms like NPTEL, Coursera, edX etc.
- Industrial Visits to engage them in experiential learning while visiting the organization.

2. Participatory Learning: Students are encouraged to participate in activities where they can use their specialized technical or management skills, such as internships, Annual Tech Fest, Seminar Presentation, publishing of papers in journals etc. 3. Problem-solving methods: Departments encourage students to acquire and develop problem-solving skills.

- Regular Assignments based on problems
- Mini Project development
- Case studies Discussion
- Class presentations
- Participation in Inter college events

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

Sri Manakula Vinayagar Engineering College appreciates and practices the usage of ICT Tools. In addition to the chalk and talk method of teaching, the faculty members of our institution are using the IT enabled learning tools such as PPT, Video clippings , Audio system, online sources, to expose the students for advanced knowledge and practical learning. Classrooms and Laboratories are fully furnished with LCD Projectors/Computers.

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

320

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

407

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

68

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

6

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.

The college keeps its examination system open for modifications and thus strengthens it from time to time, ensuring the system fool proof and address the grievances of students, if any. The institutional reforms in all the activities of the examination system are kept at par with the reforms stated and directed by the AICTE for various engineering disciplines. The following significant reforms were effected in the Examination system.

- A credit system was introduced for the benefit of the students.
- Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation and declaration of results.
- Continuous Assessment Test (CAT) examinations are conducted thrice a semester for each course, periodical assignments, tests etc. to keep the students meaningfully engaged with the subject content throughout the semester. The assessment marks are displayed on notice board after completion of each assessment. The marks are also sent to parents.
- Regulation Examination Pattern and the Assessing strategy is given in regulation and available in our website.

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

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

The institute has devised an efficient mechanism to deal with

examination-related grievances which are transparent in the pattern and conduction of Continuous Assessment Test (CAT) and rectification of grievances is time-bound.

The college follows strictly the guidelines and rules while conducting Internal Assessments .

After the conduction of the Continuous Assessment Test, the teachers evaluate the scripts within two days and distribute evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The Continuous Assessment Marks (CAM) are displayed on the notice board. If any discrepancy like mistakes in the question paper, mark allocation, correction is noticed by the students, the concerned teacher will resolve the discrepancies, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after being resolved by the teacher, then he may represent the same to the HOD concerned.

Parents are informed about their ward's performance through the postal. Retest for the Internal Assessment is conducted for Students who remain absent for internal exams due to genuine reasons.

Within three days from the date of the assessment, the internal marks are entered into the examination portal.

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

2.6 - Student Performance and Learning Outcomes

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

In compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after discussing with all the department faculty and the stakeholders. After attainment of consensus, the same are widely propagated and publicized through various means such as display and/or communication in Website, Curriculum -Regulations books, Department Notice Boards ,

- Meetings-Interactions with employers,
- Faculty meetings,
- Alumni meetings,

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the course. Finally, discussed in the department's BOS meeting course-wise and approved. The POs, PSOs and COs of the programmes and courses are published through Department site located on the college website

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

- Attainment of program outcomes and course outcomes are evaluated by the institution
- Each course has a defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved.
- The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO mapping for all the courses in the program is prepared by the program academic coordinator in consultation with other faculty members.
- The attainment of COs include direct and indirect methods

- The process of course outcome assessment by the direct method is based on CAT examinations and End Semester Examination.
- Three Continuous Assessment Test (CAT) is conducted per semester and each of them covers the evaluation of all relevant COs attainment.
- End Semester Examination is descriptive, and a metric for assessing whether the all COs are attained.
- The indirect assessment is done through the course exit survey, alumni survey, employers survey

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

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

1152

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	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://drive.google.com/file/d/1xRY54WDSIKH5dWMJhCDfyYGb_XMxBTne/view?usp=sharing

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

166

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**

42

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**

7

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	www.aicte-india.org

3.2 - Innovation Ecosystem

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

Sri Manakula Vinayagar Engineering College guarantees an ecosystem environment for innovations and encourage for research through:

Research and Development Cell with well-established facilities

- Institution Innovation Council
- AICTE-Idea Lab
- IPR Cell
- Industry Institute partnership cell
- Research and Development Cell promotes quality research by providing ambient research environment by providing scope for research.
- IIC conducts several events as per guidelines of MoE [Ministry of Education] and focuses on nurturing Innovation, IPR and Startup ecosystem.
- Idea lab with sophisticated equipments to promote research and startups in product design and development
- IPR cell conducts regular orientation and training programs on Patents for both faculties and students. Thus students are focused on society oriented product developments. In addition it fosters their entrepreneurship skills.
- Industry Institute partnership cell (IIPC) is established for enhancing the relationship between the Institution and Industry.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://smvec.ac.in/iic-calendar-activity/

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

149

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

3

File Description	Documents
URL to the research page on HEI website	https://smvec.ac.in/researchdevelopment/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

230

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

19

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

Our college promotes regular engagement of faculty and students with neighborhood communities for their holistic development and sustained community development through various activities. Every Year, various programs are organized under which students and staff participate voluntarily in community-based activities within neighbourhood.

- Various awareness programs, workshops, rallies and road shows with themes like cleanliness, green environment & tree plantation, gender sensitization, traffic rule awareness, demonetization and digital payment, and empowerment of women are organized.
- Continuous voluntary activities by students to maintain cleanliness in and around the Campus create awareness about the role of a clean environment in human health and contribute to the National Swatch Bharat Abhiyan
- More Blood Donation camps have been organized.
- Awareness of Legal Rights and right to Vote programs are organized
- Awareness of Oral Health and Health Checkup Camps are organized
- Training of Rural Women Impact & Sensitization: Exposure to extension and outreach activities sensitize the students towards social issues and also to legal and social remedies for matters like domestic violence, dowry, child abuse, beggars, female child, victims of violence, old and infirm, refugees and displaced persons etc.

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

46

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

122

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1256

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

665

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

25

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 ensures adequate availability and optimal utilization of physical infrastructure as it is critically linked to the vision of the college- To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve society. At the beginning of the academic year need-assessment for replacement / up-gradation / addition of the equipment, systems carried out based on course requirements, computer-student ratio, and working condition of the existing equipment. The institution has an adequate number of classrooms, laboratories, computers, and other equipments as per the norms for conducting all the courses and other activities as required in the curriculum. The Time Table committee plans ahead for all requirements regarding classrooms, laboratories, furniture and other equipment's.

- Optimal deployment of infrastructure is ensured through conducting workshops/awareness programs/training programs for faculty on the use of new technology.
- The optimal utilization of resources is ensured through encouraging innovative teaching - learning practices.
- The available physical infrastructure is optimally utilized beyond regular college hours, to conduct certificate courses, co-curricular activities/extra - curricular activities, , Campus Recruitment Training classes, campus recruitments, meetings, seminars, conferences etc.,.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://smvec.ac.in/facilities/

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

The college is dedicated to providing a balanced environment of academic, cultural, and sports activities for its students' entire personality development. Inter-departmental, inter-collegiate, inter-university and other sports tournaments assist students to develop team spirit. Medals, trophies, and certificates are presented to deserving students. SMVEC's concept is to promote the best aspects of competition, instruction, and recreation by allowing all students to participate and flourish in a team environment. It also encourages students to take part in intercollegiate and intercollegiate sports and games. The college hosts a variety of tournaments and competitions. The Physical Education department is well-equipped with a variety of sports equipments for both indoor and outdoor games. The college has indoor game facilities such as chess, carom, and table tennis, as well as outdoor game facilities such as a volleyball court, basketball court, and football pitch. The college also provides a professional gymnasium for students to improve their physical strength and fitness. Every year, the college hosts intramural and extramural events under the name of SMVEC-NEXUS on the occasion of Annual Day celebrations. Apart from this, our college students also participated in the competitions organized by other colleges and won many prizes

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://smvec.ac.in/facilities/#Campus Amenities

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

64

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://smvec.ac.in/facilities/
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)

2025

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

4.2 - Library as a Learning Resource

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

"The Central Library is equipped with cutting-edge technology and houses a one-of-a-kind international resource collection. The SMVEC Central Library is on its way to being a world-class learning resource centre that meets ever-increasing and uncompromising information and intellectual needs. The SMVEC Central Library aspires to provide a high-quality library service that focuses on the real distribution of information rather than the actual delivery of documents to fulfil customers' generic and individual demands. All of its housekeeping duties have been computerised utilising Library software that is continuously maintained and updated and is connected to the university-wide network. This allows users to search the books and journals and borrow them. Its functioning and services are based on cutting-edge technology." The library has 20 systems with internet

connectivity and students can access e-journals, e-books, Databases and Remote access to e-resources. Our Library has SMV Library Management suite with full automation.

• Name of the ILMS software - LIBRARY MANAGEMENT SUITE • Nature of automation (full or partial) - Partial • Version - V 1.0 • Year of automation - 2011

File Description	Documents
Upload any additional information	No File Uploaded
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)

21

File Description	Documents
Any additional information	View File
Audited statements of accounts	No File Uploaded
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**

675

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**

All computers on campus, are connected through LAN/Wi-Fi using BSNL500Mbps broadband service. Surplus Ethernet ports are available throughout the campus for laptops and other devices that require internet access. Previously, from 2010 until 2016, the institute had an internet connection with a speed of 250Mbps. All employees and students have access to the computer laboratories, which are equipped with cutting-edge equipment. The college has 40 wifi hotspots with enough coverage to cover the entire campus. Sonicwall software prevents unauthorised Internet users from accessing private networks connected to the Internet, particularly intranets, by preventing unauthorised Internet users from accessing private networks connected to the Internet. Our institution has 1270 computers, 12 servers, and software packages tailored to the requirements curriculum. The institute improves existing software packages and also purchases new software in the sector to prepare pupils for employment. A separate team with in-house professionals has been developed to handle the campus needs, such as hardware and networking, website design and hosting, e-mail solutions, and SMVS solutions, among others. We are using ERP software including student management suite, HR management, Exam Management and finance management.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://smvec.ac.in/facilities/#Campus Amenities

4.3.2 - Number of Computers	
1270	
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	No File Uploaded
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)	
486	
File Description	Documents
Upload any additional information	View File
Audited statements of accounts	No File Uploaded
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.	
Sports Complex/ Activities : Excellent infrastructure is provided for sports with Synthetic/ outdoor/ indoor Courts and 400-meter running track. Through best practices, the students outshines in the field of sports. The playing fields are properly maintained by	

the markers throughout the year. .The markers control the play equipment like ball, bat, net etc., provided to the students and collect it back safely and register them in the Equipment movement register Class Rooms/Laboratory : The physical facilities like Classrooms, Seminar halls and laboratories are maintained by House Keeping under the supervision of Non-teaching Staff / Floor Supervisors. . Lab equipments are serviced by manufacturers and service personnel during summer / winter vacations. Stock register is also maintained regularly.

Computers : .Computers are maintained by the System administrator and Technical Assistant Staff. Each laboratory has an assistant, who ensures the proper utilisation of computers and equipment.

Library : The working hours of the library are from 8.30 a.m to 8.00 p.m on all working days and holidays. The activities like fumigation, preservation of books from insects, dusting and shelving of reading materials promptly on regular basis by the housekeeping /Library Staff.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://smvec.ac.in/facilities/

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

1445

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

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

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

29

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/
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

828

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

828

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

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	No File Uploaded
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**

828

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**

48

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**

0

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

5.3 - Student Participation and Activities

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

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

12

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

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

SMVEC's Student Council representatives actively participate in various activities. The student council is a platform for the student community to associate with the administration of the institute. To achieve this, it brings out the opinions and requirements of the student community to the authorities and acts as a link between the institute administration and students. "NSS Committee" is active in carrying out different activities such as Blood donation Camp, Swachh Bharat Abhiyan, Yoga Day, Tree plantation and various training programs. Alumni Association: Every department attends to the coordination and liaison activity with alumni through the nominated students once in a semester. Anti-Ragging Committee: Student members of the committee assist the institution in implementing rigid Anti-Ragging measures so that the institution becomes a ragging-free campus. Students are also part of the Library Advisory committee Canteen and Cafeteria Committee, .SC/ST cell, Internal Quality Assurance Cell Quality circle and they are actively participating in all activities.

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

64

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 the 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 held in August every year. 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 different mentoring schemes. For deserving students of SMVEC Maintain continuous interaction between the past and present students by publishing a newsletter, and holding a periodical alumni day celebration Contribute towards improving entrepreneurship development activities. Alumni have also contributed immensely as members of DAC, BoS, delivering Guest

lectures, offering Internships, assisting in Placement, organizing Industry visits and students to get admissions into reputed Universities abroad. 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 project placements and a summer internship in their companies or to assist them to get it through their reference.

File Description	Documents
Paste link for additional information	https://smvec.ac.in/alumni/
Upload any additional information	No File Uploaded

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

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The vision of our institution focuses on enhancing the knowledge of students through quality education, research and training. These are provided in our institute by well-trained qualified faculty members.

Faculty members play a vital role by being members of statutory bodies like Governing Body, the Academic Council, Finance Committee Board of studies. Their roles in committees help in developing plans and strategies. They also play the role of Class Advisors, Program Coordinators, Mentors, and Research coordinators to implement the plan and strategies.

- The Faculty members of our institution are empowered to adopt or change the content based on advancements in the field and students' feedback. The IQAC recommends innovative practices and ensures effective implementation.
- To facilitate research ambience and innovative culture, our

institution has separate research and Development Cell. This cell formulate policies and procedures on all matters related to Research and Consultancy, Patents, Research publications

The Training and Placement cell brings in industry collaboration in terms of consultancy, internships and placements. various committees in our institute assigned responsibilities to implement and monitor the activities for smooth conduct of the institution

File Description	Documents
Paste link for additional information	https://smvec.ac.in/about-us-engineering-college-pondicherry/
Upload any additional information	No File Uploaded

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

SMVEC has adopted decentralization, participative management and empowerment in all academic, administrative, finance, research and outreach activities. The administrative structure reflects a completely decentralized system with well-defined roles and responsibilities. SMVEC provides ample opportunities to its major stakeholders viz. students, faculty, staff, alumni and employers to participate in the development of the institute. The stakeholders have representation in all statutory bodies and committees.

The periodic meetings organized at various levels i.e. Institution, Department ensure smooth communication among administrators, faculty, staff, students, employers, alumni and other stakeholders and effective implementation of the decisions.

In academics, the faculty members decide on all matters right from the formulation of the syllabus, and content delivery to question paper setting and evaluation as per norms and guidelines.

Various committees at the college level involve faculty, staff and students to independently manage the activities related to quality assurance, placement and training, alumni engagement, clubs and chapters, the conduct of conferences, seminars, workshops, guest lectures and arrangement of field visits.

SMVEC follows a decentralized approach in financial management. At the department level, the budgetary requirements for teaching, learning, research and outreach activities are consolidated and forwarded to the Registrar. After approval by the Finance Committee, the approved budget is utilized.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan has been formulated in tune with the vision of the institute to excel in Teaching and Learning, Research and innovation and outreach activities.

The salient features of the strategic plan are:

- To offer more programmes and courses in multi-disciplinary areas
- To increase the national visibility
- To increase the number of research labs including a centralized sophisticated instruments facility to promote cutting-edge research
- To increase the number of academic activities with a strong focus on applied research with social impacts
- One of the successfully implemented activities under global visibility is to improve the national rankings. Towards reaching this aspect of the strategic goal, the Institution formulated the following set of the action plan.
- Focus on Multidisciplinary research areas and establishing research infrastructure including IoT lab (ii) 3D printing and manufacturing Lab (iii) Introducing interdisciplinary programme in emerging areas like Artificial Intelligence and data science, Biomedical engineering. Research to focus on Product Development, and Commercialization.
- Emphasis on publishing in peer-reviewed journals with high impact factor
- Financial assistance for participation in a reputed international conference
- Enhancing interaction with various industries for student internships & projects, consultancy and industry-sponsored

laboratories

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

All the statutory bodies of the institution are constituted as per UGC norms, and they meet periodically to formulate policies, critically review the progress made and offer suggestions for institutional development. The institution has well-defined policies and service rules which are disseminated to all concerned and published on our college website

The Governing Body formulates all policies and procedures and provides academic and administrative leadership.

The Academic Council reviews the regulations, curricula and syllabi of various academic programmes offered and recommends for approval by the Governing Body.

The Finance Committee approves the budget, and the Board of Studies formulates the curriculum and syllabi, assessment methods etc.

Apart from the above statutory bodies, various committees are functioning for the smooth conduct of the institution.

Administrative setup

- The day-to-day Academic activities and functioning of the institution are taken care of by the Director Cum Principal
- The Registrar is the administrative head of the institution and coordinates all administrative activities.
- Faculty members and technical staff members are attached to the departments and report to Department Heads.

Other key positions :

1. Controller of Examinations
2. Dean Academics
3. Dean Research
4. Training and Placement Officer
5. Librarian
6. Finance Officer

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://smvec.ac.in/about-us-engineering-college-pondicherry/#board-of-management
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

SMVEC recognize the service and dedication of all staff members and is deeply committed to the welfare of them. During Pandemic, our institution keeps the students, staff and visitors safe by strictly following the COVID 19 protocol.

Other welfare measures include

- on-campus health centre facilities to cater to the medical

requirements of employees and their family members

- Women employees' maternity benefits
- Teaching staff are provided sabbatical leave to pursue higher education/research, seed money for research, and financial support for attending conferences
- Teaching staff are encouraged to take up consultancy work
- The reward for publication of quality research papers/patents/ projects/ and books
- Admission at SMVEC for children of employees. 50% of the tuition fee is waived for the wards of nonteaching staff to pursue higher studies in SMVEC
- Marriage/Diwali gift
- Cash Award to the best teaching Faculty
- Indoor/Outdoor game facilities
- On-campus Post Office/ATM Facilities
- Security/CCTV Facilities.

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

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

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

165

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

40

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	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

315

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

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

For teaching Faculty Performance Appraisal is done by following the Categories

1. Teaching Learning

2. Students Feedback
3. Research and Publication
4. Professional Development and Extension Activities
5. Consultancy/Funded Projects

The weightage of the above categories will vary depending upon the cadre.

For other Staff, a similar scheme with an evaluation of assigned tasks and how they are carried out, willingness to learn etc is in practice.

The above are defined in a quantitative manner to enable objective evaluation.

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

6.4 - Financial Management and Resource Mobilization

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

The internal financial audit is carried out every year, by the Auditors from the SMVEC Trust. The external audit is carried out by the authorized Chartered Accountant at the end of the financial year. Any audit objection is presented to the Finance Committee of the institution which immediately complies by ensuring a process of rectification and corrective action.

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

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

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

10183824

File Description	Documents
Annual statements of accounts	No File Uploaded
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

The Financial Committee (operational expenses and capital investments) is an integral part of annual academic planning at the institute. The institute follows the procedure to mobilize resources and utilizes the fund for its activities in a systematic manner.

The main source of funds is the fees paid by students. Tuition Fees, Hostel Fees, and Transport Fees are collected from students. Optimum utilization is ensured by the annual budgeting process. The shortfall in funds requirement is met by SMVEC Trust.

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

6.5 - Internal Quality Assurance System

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

Through its creative, comprehensive, and flexible education method, IQAC in SMVEC aims to provide high-quality education. The IQAC in SMVEC was established and is operating in accordance with the NAAC recommendations for internalising and institutionalising quality improvement programmes. The IQAC's main goal is to create a system for deliberate, consistent, and catalytic improvement in overall performance. Through ongoing auditing and Regular meetings, it ensures that quality objectives are implemented effectively.

The vision of IQAC is to build and ensure a quality culture aimed at all-round excellence in the educational practices, processes and methods.

The IQAC has been regularly completing the following tasks:

1. Obtaining input from all stakeholders to improve the quality of teaching and research
2. Advising on academic and administrative best practices
3. Conducting audits and analyses in the academic and administrative fields

At all levels, the IQAC has made a significant contribution to the implementation of quality assurance policies and processes. Every six months, the Institute IQAC holds a meeting. The IQAC prepares the Annual Quality Assurance Report (AQAR) and Reports of various accreditation bodies. It also carried out

- Performance Based Appraisal System
- Student Satisfaction Survey
- Academic and administrative Audit

File Description	Documents
Paste link for additional information	https://smvec.ac.in/accreditation/naac/iqac/
Upload any additional information	No File Uploaded

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

The Chairman of the IQAC had regular meetings with the heads of departments and members of the IQAC once every six months to track progress in each targeted improvement area. During the Pandemic, the institution provided many ICT resources for teaching and studying via online platforms such as Zoom and Great Learning. In IQAC meetings, The Chairman gave presentations on the Quality Assurance Process through NBA and NAAC. During this time, an academic and administrative audit was conducted. In meetings, the placement officer presented statistics and progress in placement over the years, including the number of companies visited, the number of offers received, and so on. Various HODs and Deans used to give presentations on their department activities and

achievements in the meetings

File Description	Documents
Paste link for additional information	https://smvec.ac.in/accreditation/naac/iga/c/
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://smvec.ac.in/accreditation/naac/iga/c/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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

- Gender Equality and women empowerment are regularly practiced in our Institution.
- Our Institution has better gender Equality ratio.
- Out of 417 Faculty Members 203 are women (49%)
- Out of 20 Department HODs 8 are women (40%)
- In statutory Bodies and other Committees women occupy prominent positions

File Description	Documents
Annual gender sensitization action plan	Nil
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/1-B0TXZtUrg87uwznYJJujz7cTe3Hcupi/view?usp=sharing

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

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

SOLID WASTE MANAGEMENT

Solid Waste Management - in this process the solid waste (card board, paper, plastic, food waste, disposal waste, dry leaves ect) is collected from various places, like Department, canteen, Hostel kitchen, from there the waste is collected and segregated based on degradable and non-degradable

Degradable waste such as paper, card board dry and wet leaves and food waste are converted to compost (Bio Manure) by the method of composting, Non degradable waste is segregated and sold to vendors , reaming waste is incinerated at waste yard.

LIQUID WASTE MANAGEMENT

The waste water generated on campus is processed at Sewage Treatment Plant. The treated water is used effectively.

E-WASTE MANAGEMENT

Our Institution ensures that E-waste (old monitors, keyboards, systems, mice, other electronics gadgets etc.) are stored in separate place earmarked for this purpose. Wastes that cannot be recycled or refurbished is sold to agents.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	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

B. Any 3 of the above

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

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	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).

In admission ,toppers from rural government schools are given fees concession. This gives an opportunity for them to move on par with others. Apart from this various scholarships were given to needy people to encourage them to continue their studies.

In our campus we have students from differentcultures, Regional ,.language and social background. Various cultural Programmes are organized in campus to involve all categoryof students.

Their presence in campus ,enables mutual learning from each other for peaceful and harmony living.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

- In our Autonomous curriculum,courses like Professional Ethics, Human Values, Environmental Science, Indian Constitution, Essence of Indian Traditional Knowledge are included as Mandatory Courses .Induction Programme is conducted for I Year students which includes variety of activities that includes sports, culture, etc .
- Our Institution regularly organizes various Programmes to

educate students and faculty about their Constitutional Commitments, Human Values, Duties and Responsibilities.

- NSS and other Clubs regularly conduct number of social relevant Programs.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://smvec.ac.in/extension-activities/#NSS
Any other relevant information	Nil

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

B. Any 3 of the above

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

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

- **Our Institution celebrates National and International Commemorative Days with great enthusiasm.**
- **Republic Day and Independence Day are celebrated every year in a grand manner. Various Programs are organized after flag**

hoisting every Year.

- Our Institution is committed to National and Social causes and celebrates various national festivals and important Days.
- Every year we celebrate International Yoga Day. Women's day, Constitution Day, National Voters Day etc

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

ONLINE PLACEMENT ACTIVITIES

To provide the training needed for campus placement and campus recruitments through online mode by using virtual platforms.

The Coronavirus (COVID-19) pandemic has an impact on human life, with lockdown and social distancing measures bringing everything to a standstill. The same consequences are apparent in the context of conducting placement training and campus recruitment.

Apparently, our institution also adapted to this new normal and all placement-related activities are conducted through online.

BEST PRACTICE - II

EMPLOYABILITY ENHANCEMENT COURSES

To endow the students with frontier technology so that they are ready to enter the industrial arena immediately after completing their graduation.

We have followed the curriculum and syllabi framed by the

affiliated university so far. There is always a gap between the courses taught based on the curriculum and the expectation of the industry. We attained autonomous status in September 2019 and we now have our own curriculum structured to meet the needs of the industries. The students are trained on various recent technologies which enhanced their employability skills and careers

Employability enhancement programs are designed to provide the skill set required by the student to emerge as industry-ready professionals.

File Description	Documents
Best practices in the Institutional website	https://smvec.ac.in/wp-content/uploads/2022/05/Best-Practices-2020-21-.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Sri Manakula Vinayagar Engineering College was established in 1999 and gained Academic Excellence over 20 years, and it has been accredited by NAAC twice with "A" grade, all UG and MBA programme are accredited by NBA and also accredited by Tata Consultancy Services (TCS) and EXCELLENT BAND IN ARIIA RANKING 2021. It is the first self-financing Institution in the country to establish a Community radio station called Nila CRS 90.4 MHz to serve the community around the Institution. .

- 125 acres green campus with 10 lakhs sqft built-up area.
- Established 17 Centre of Excellence (COE) to provide more than 75 Associate level
- Established AICTE IDEA lab with an investment of Rs1.25 Crores sponsored by AICTE and our management
- International Certificate courses to enhance the quality and employability of the students.
- SMVEC Students have won in National level events like Smart India Hackathon,
- Inframind, Techgium, Texas etc., and brought National level recognition to the Institution.
- Data Quest has ranked our Institution as 57' in all India T-School and 46th in all India Private colleges for the year

2020

- Students have obtained 118 Gold Medals and 703 top ten university ranks of PondicherryUniversity since 2003.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Enhance the quality measures and work towards improving NAAC score to 3.55
2. Improve ARIIA and NIRF Ranking
3. Encourage Faculty Members to file more Patents and more Research Publications in high impact Journals
4. Plan to conduct International Conference with support of funded Agencies.