



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	Shri Madhwa Vadiraja Institute of Technology and Management
• Name of the Head of the institution	Dr. Thirumaleshwara Bhat
• Designation	Professor and Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9611615001
• Mobile no	9449330555
• Registered e-mail	principal@sode-edu.in
• Alternate e-mail	iqac@sode-edu.in
• Address	Vishwothama Nagar Bantakal Udupi District Karnataka
• City/Town	Bantakal
• State/UT	Karnataka
• Pin Code	574115
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	<b>Self-financing</b>
• Name of the Affiliating University	<b>Visvesvaraya Technological University Belagavi</b>
• Name of the IQAC Coordinator	<b>Dr. Sudarshan Rao K</b>
• Phone No.	<b>9611615001</b>
• Alternate phone No.	<b>9448252890</b>
• Mobile	<b>0861836269</b>
• IQAC e-mail address	<b>iqac@sode-edu.in</b>
• Alternate Email address	<b>sudarshan.mech@sode-edu.in</b>
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://sode-edu.in/associations/quality-assurance-cell/">https://sode-edu.in/associations/quality-assurance-cell/</a>
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://sode-edu.in/institute-academic-calendar/">https://sode-edu.in/institute-academic-calendar/</a>

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.13</b>	<b>2019</b>	<b>20/05/2019</b>	<b>19/05/2024</b>

**6.Date of Establishment of IQAC** **01/08/2015**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Faculty and Student</b>	<b>Student Project</b>	<b>Karnataka State Council for Science and Technology Bengaluru</b>	<b>2021- 1 Year</b>	<b>85000</b>

<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>	
<b>9. No. of IQAC meetings held during the year</b>	<b>4</b>	
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>No</b>	
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>Implementation of Examination Reform Policy 2018 Effective implementation of Outcome Based Education Conducted workshop on use of ICT tools in teaching learning process Implementation of active learning techniques in teaching learning process Introduced virtual lab in all laboratory courses Participation in AICTE- 360 degree feedback system</p>		
<b>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</b>		
Plan of Action	Achievements/Outcomes	
Implementing Outcome Based Education	OBE implemented and CO, PO and PSO of the programs were assessed	
<b>13. Whether the AQAR was placed before statutory body?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>• Name of the statutory body</li> </ul>		

Name	Date of meeting(s)
Nil	Nil

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2021-2022	19/01/2023

**15. Multidisciplinary / interdisciplinary**

Institute supports the Multidisciplinary/Interdisciplinary activities. We organize mini-project competitions every year, in this we encourage the interdisciplinary projects. It empowers participants to develop a broader skill set, think creatively, and tackle complex challenges effectively. It prepares them to become versatile problem solvers and paves the way for innovative solutions that address real-world problems in a more comprehensive manner.

**16. Academic bank of credits (ABC):**

Institute is affiliated to Visvesvaraya Technological University, Belagavi. Since Visvesvaraya Technological University, has not initiated the Academic Bank of Credits (ABC) system, our institute cannot implement it.

**17. Skill development:**

To enhance the students' skills, our organization organizes a wide range of training programs, competitions, and workshops.

Here are some of the activities we conduct:

- Soft skill and aptitude training
- Hands on training on CNC VMC and Lathe machines
- Idea generation competitions
- Hackathon
- Mini-project competitions
- Workshop on coding skill

AutoCAD/CATIA training

These activities collectively provide a well-rounded learning experience for the students, helping them acquire technical, interpersonal, and problem-solving skills. By participating in workshops, competitions, and training programs, students gain practical exposure, develop a growth mindset, and become better

equipped for their academic and professional journeys.

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

During the induction program for first-year students, we have incorporated several sessions on important aspects such as Universal Human Values, Indian culture, and traditional games. These topics are designed to instill a sense of cultural awareness, ethical values, and pride in our heritage among the students.

However, it is worth noting that currently, teaching in Indian languages has not been initiated in our curriculum. Nevertheless, we acknowledge the significance of promoting education in native languages and understand the potential benefits it can bring to the learning experience of students.

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

Outcome-Based Education (OBE) is a student-centric approach that has been successfully implemented in our institute. OBE focuses on defining specific learning outcomes and aligning the entire educational process to achieve those outcomes effectively. To ensure that our institute's vision and mission truly represent the aspirations and goals of all stakeholders, including faculty, students, administrators, and industry experts, their valuable inputs were sought during the formulation of the vision and mission statements.

In addition to the institute's vision and mission, each department within the institute has developed its own vision and mission statements. This departmental-level alignment ensures that the objectives and efforts of each department are in sync with the overall goals of the institute, creating a cohesive educational ecosystem.

Furthermore, for each academic program offered by the institute, we have developed clear and well-defined Program Educational Objectives (PEOs). These PEOs outline the career and professional accomplishments that we aim for our graduates to achieve within a few years after completing their respective programs. Additionally, we have formulated Program Specific Outcomes (PSOs) for each program. These PSOs represent the specific skills, knowledge, and attributes that students are expected to acquire by the time they graduate.

To ensure that our programs meet the highest standards of quality

and relevance, we have adopted the 12 Program Outcomes (POs) specified by the National Board of Accreditation (NBA). These POs serve as standard benchmarks against which we assess and continuously improve the quality of our academic programs.

At the course level, our dedicated course coordinators have defined clear and measurable Course Outcomes (CO) for each course in the curriculum. These COs describe the specific knowledge, skills, and competencies that students should be able to demonstrate upon completing each course. Moreover, we have established a robust mapping system that aligns Course Outcomes (COs) with relevant Program Outcomes (POs) and Program Specific Outcomes (PSOs). This mapping ensures that each course contributes meaningfully to the achievement of broader program-level objectives.

In terms of assessment, we employ a combination of Continuous Internal Assessment (CIA) and Semester End Examination (SEE) marks to evaluate students' attainment of Course Outcomes (COs). This regular assessment process allows us to monitor their progress throughout the duration of each course.

To gather comprehensive feedback on the effectiveness of our courses and the extent to which our graduates have achieved the desired outcomes, we conduct course end surveys and graduate surveys. These surveys provide invaluable insights for program improvement and curriculum refinement.

Finally, we regularly assess the achievement of our Program Educational Objectives (PEOs) by analyzing the attainment of relevant Program Outcomes (POs) and Program Specific Outcomes (PSOs) by our graduates. Moreover, we actively seek feedback from our alumni through surveys to understand the long-term impact of their education and how well it has helped them meet their professional and career objectives.

This data-driven and feedback-oriented approach to Outcome-Based Education empowers us to continuously enhance the quality of our educational programs, enabling our students to thrive and succeed in their chosen careers and contribute meaningfully to society.

## **20.Distance education/online education:**

The institute strongly supports distance and online education to offer flexible learning opportunities to its students. In compliance with the instructions from the affiliated university, a significant portion, specifically 20%, of the curriculum is covered through

online mode.

In addition to the regular courses, the institute actively encourages the students to take advantage of the Massive Open Online Courses (MOOCs) offered by SWAYAM. SWAYAM, an initiative by the Government of India, provides free online courses from prestigious institutions and universities, allowing students to gain knowledge and skills in diverse subjects beyond their core curriculum.

### Extended Profile

#### 1.Programme

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

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	1047
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	236
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	226
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>96</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
3.2 Number of sanctioned posts during the year	<b>87</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	<b>36</b>
4.2 Total expenditure excluding salary during the year (INR in lakhs)	<b>335.67269</b>
4.3 Total number of computers on campus for academic purposes	<b>492</b>
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>The Institute is affiliated to VTU, Belagavi (approved by AICTE, New Delhi, recognized by Govt. of Karnataka). As an affiliated institution, curriculum is prescribed by the university. Institute has developed well defined plans for the effective and efficient implementation of curriculum via Internal Quality Assurance Cell (IQAC). IQAC prepares an academic calendar of events and ensures effective implementation of the same. Every semester, calendar is uploaded on the institution website and displayed on the department notice board. Subjects are allotted to faculty members, who</p>	



inturnmaintains the lesson plan and developcourse fileevery semester.Feedback(formative & summative) and class committee meeting allowsstudentsto make observations on teaching and thereby contribute to the improvement in coursedelivery. Department organizes various activitiesto identify the extent of compliance of the university curriculum for attaining the program outcomes. Faculty are aligned towards OBEand make use of innovative teaching learning processes.Curriculum is strengthened and supplemented by value added and certificate courses like NPTEL. Institute providesopportunities to develop the skills and practical knowledge through collaborative learning, professional societies, hands-on-training, workshops, guest lectures, industrial visits. Remedial classes are conducted for slow learners. Institution promotes faculty members to attendseminars, conferences and FDP.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://drive.google.com/drive/folders/1IdilExDDfq2gkAL3KbOI2lzIfu8wwxDU?usp=drive_link">https://drive.google.com/drive/folders/1IdilExDDfq2gkAL3KbOI2lzIfu8wwxDU?usp=drive_link</a>

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

Institution follows the calendar issued by the University strictly and plans allactivities including the conduct of Continuous Internal Evaluation (CIE). The institute prepares an institute-level calendar and every department prepares its calendar. Institute calendar of events includes details like the total number of working days and holidays, CIE dates, dates for institute’s flagship programs. Department calendar comprises guest lectures, workshops, industrial visits, other co-curricular and extra-curricular activities.

The academic calendars helpfaculty members to plan their respective course delivery schedule and co-curricular activities. Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members. Syllabus coverage for each CIE is decidedin advance and faculty members adhere to it.Internal Assessment tests (IA), assignments, quizzes, and seminars are part of the CIE. There is a well-defined process where course instructors prepare IA question papers based on the revised Bloom's Taxonomy along withscheme of evaluation, reviewed by the branch coordinator and approved by the department Head. Post IA tests, evaluation of answer scripts, and calculation of CO-PO/PSO

attainment are carried out by respective Course Instructors. Continuous evaluation and assessments are also done for laboratory course, project work, seminars, and internships.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://drive.google.com/drive/folders/lap5CH6qZctCdbu-mGkaplF9B3QVc9f09?usp=drive_link">https://drive.google.com/drive/folders/lap5CH6qZctCdbu-mGkaplF9B3QVc9f09?usp=drive_link</a>

**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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

**4**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 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)

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

297

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

The institute follows curriculum prescribed by the university and integrates various socially relevant cross-cutting issues like ethics, human values, environment, etc., across UG programs to sensitize the students. The course "Constitution of India, Professional Ethics, and Cyber Law," presented in the III/IV semester of the engineering programme, addresses human values and

professional ethics. The primary goal of this course is to ensure that students understand

the constitution, citizens' fundamental obligations and rights, professional ethics, and engineers' responsibilities. The workshop also educates participants on cybercrime and cyber legislation. First-year UG students will participate in the Student Induction Program (SIP), which will include topics such as Human Values and Professional Ethics. The course "Environmental Studies," which is offered to engineering students in the V semester, addresses environmental and sustainability challenges. Students are exposed to ecological and environmental challenges related to land, air, and water, as well as sustainable development, through this subject. Gender equity is essential for a country's long-term prosperity, according to SMVITM, which provides exceptional education to form global leaders. Through academic and co-curricular initiatives, the Institute has taken promising steps to raise awareness and promote gender equity among stakeholders.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

14

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

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

**453**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 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	<a href="https://drive.google.com/drive/folders/1TqHC973e7s1vsukleR-8p0Yc9clyOTq8?usp=drive_link">https://drive.google.com/drive/folders/1TqHC973e7s1vsukleR-8p0Yc9clyOTq8?usp=drive_link</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://drive.google.com/file/d/1YL75ZhveCqVhULGMvPUg5YYjBMmE_esZ/view?usp=drive_link">https://drive.google.com/file/d/1YL75ZhveCqVhULGMvPUg5YYjBMmE_esZ/view?usp=drive_link</a>

**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**

**355**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

**283**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**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

**After the completion of the admission process for the academic year, the institution creates a database for the newly admitted students.**

These students are grouped into two categories, advanced learners and slow learners, based on their performance in the Pre-University exams (plus 2)

To help the new batch of students get acclimated to the institution and its academic environment, an Orientation Program is organized before the commencement of the semester program. This program provides essential information about the institution, its facilities, the program structure, and the learning environment.

Following the Orientation Program, Student Induction Program is conducted, which spans the two weeks for the newly joined batch of students. The Induction Program further familiarizes the students with the institution and its various aspects.

To ensure that the students have a strong foundation in the subjects, a Bridge Course is conducted. This course aims to strengthen the basics and provide additional support to help students adapt to the academic curriculum.

These initiatives, such as the Orientation Program, Student Induction Program, and Bridge Course, play a vital role in ensuring a smooth transition for the newly admitted students and provide them with a solid foundation to excel in their academic journey.

Special Programmes for Slow Learners

Remedial Classes

Sharing Study Materials

Personal Counseling

Special Programmes for Advanced Learners

Training and Placement Activities

Career Counseling and Guidance Activities

Student Felicitation

MOOCs

Special Programmes for Advanced and Slow Learners

Peer Learning Activities

## Support & Accomplishments in Innovative Projects

### Entrepreneurship Development Activities

#### Academic Activities

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/drive/folders/lavcZRSafYcOEIgbp42bw9rHkypIA2mps?usp=drive_link">https://drive.google.com/drive/folders/lavcZRSafYcOEIgbp42bw9rHkypIA2mps?usp=drive_link</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1046	96

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

### Experiential Learning

Industrial Visit, Field trips and internships

Case studies

Well-equipped laboratories in each department

Outreach and Extension Programs

Participative Learning

Peer Learning, Value Added Course, Webinars, Invited Talks,

Certification Program

Seminars



## MOOCs

Problem solving methodology

Assignment

Internal Assessment

Research related Activities

Pre-Placement Training Activities

Projects

SMVITM's motto, "Engineering your Career and Character with Care," reflects the institute's dedication to developing students not only as engineers but also as responsible individuals in society. To achieve this goal, various committees operate with a focus on enhancing students' social interaction skills.

The Community club and Eco club organize activities like street plays and tree planting, encouraging students to contemplate societal issues and raise public awareness. Through social interactions in places like Asha Nilaya, blood donation camps, and Swachata Abhiyan, students develop empathy and life skills by engaging with those in need.

Participating in Unnat Bharat Abhiyan enables students to gain insight into the genuine challenges faced by rural communities and villagers. These activities extend beyond academic learning, fostering compassionate and socially conscious individuals.

By emphasizing character development alongside academic excellence, SMVITM ensures graduates are well-rounded and equipped to make a positive impact in society, in line with the institute's motto.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://drive.google.com/drive/folders/1aCoxsnIPJKYDGv0Z1aGoGPztsxR-vnkH?usp=drive_link">https://drive.google.com/drive/folders/1aCoxsnIPJKYDGv0Z1aGoGPztsxR-vnkH?usp=drive_link</a>

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

maximum of 200 words

In today's digital era, SMVITM recognizes the significance of incorporating Information and Communications Technology (ICT) in the teaching-learning process to make it more interactive, creative, and effective. Alongside traditional blackboard discussions, the use of ICT tools enhances students' learning experiences and enables them to apply essential skills.

The institute offers high-speed internet facilities, Wi-Fi enabled classrooms, Seminar Halls, Board Room, Conference Room, and Laboratories equipped with LCD projectors. These technological provisions enable students to visualize lecture content and grasp concepts effectively.

Various ICT tools are utilized for an engaging teaching-learning process, such as Google Classroom, G-Meet, Google Forms, Screen Recorder, PowerPoint Voice Recorder, XP-Pen, and YouTube channels created by faculties.

SMVITM promotes industry readiness by encouraging students to enroll in MOOCs like SWAYAM, VTU e-Learning, and Spoken Tutorial. Virtual Labs complement physical labs, offering a flexible learning environment. Simulation software aids effective learning, ensuring students gain practical skills and knowledge beyond the curriculum.

The institute further streamlines its resources with an Integrated Library Management System (ILMS) to ensure the seamless functioning of the central library.

ICT empowers SMVITM students to excel in learning, industry trends, and real-world skills, fostering well-rounded professionals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

**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**

55

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

96

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 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

21

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

620

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

- At the beginning of semester, the Examination cell plans and schedules Internal Examinations for theory courses, in line with the Institute Academic Calendar. Faculty members are required to prepare two sets of QPs based on Bloom's taxonomy to assess students at different cognitive levels, along with the evaluation scheme.
- One week before the IA test, QPs are submitted to the respective HOD. The HOD, along with the program coordinator and module coordinator/senior faculty member, scrutinizes the quality of the QPs and approves them if they adhere to the specified pattern by the IQAC.
- Approved QP send via e-mail to the respective EMS coordinators. The coordinators arrange to print the required number of QP.
- After the valuation process, students are reviewing their answer scripts. The QP and its scheme are discussed in the classroom by the concerned faculty.
- IA marks are displayed in the department notice boards after the each IA. Marks will be updated in the institute MIS. Final IA marks will be verified in the department level and will be uploaded in the VTU portal.
- The course handling faculty shall define the topic level outcomes for each course which is assessed using a particular method, techniques can be quizzes, assignments, seminars etc.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://drive.google.com/drive/folders/lorzWVHj4Uyso7tvl6DOrhDTP3Yeb9f8I?usp=drive_link">https://drive.google.com/drive/folders/lorzWVHj4Uyso7tvl6DOrhDTP3Yeb9f8I?usp=drive link</a>

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

Mechanism to deal with examination related grievances in the university level:

- Liaison Officer of the institute deals with the examination related grievances if any. A log book is maintained in the office in which the exam related grievances are recorded.
- If any student has any grievance related to marks scored in the semester examinations, he/she can apply for the revaluation. The student is allowed to get the photocopy of answer script from the university for theory examinations. The photocopy of the answer script shall be mailed to the student. By going through the answer papers along with the discussion with the concerned faculty the student can apply for the revaluation. The revaluation application forms are entered into the university examination portal by the departmental EMS coordinators and the application forms are verified for their correctness by the students before the last day of application process. In each branch, there are EMS coordinators who guide the students while applying for the revaluation.
- Institutional grievance redressal committee(IGRC) will resolve examination related grievances received by it with the help of examination cell.

The mechanism to deal with examination related grievances in the institutional level is provided in the below Link for additional information tab.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://drive.google.com/file/d/1rXG48XGF1GI5L834QkCytqvtmtOihtnw/view?usp=drive_link">https://drive.google.com/file/d/1rXG48XGF1GI5L834QkCytqvtmtOihtnw/view?usp=drive_link</a>

## 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.

Under the affiliation to VTU, Belagavi, the COs are defined in the syllabi and also published in Academic regulations, Curriculum book, and departmental website. It is made reachable to all the stakeholders of the program through education, faculty workshops, student awareness workshops, student induction programs and faculty

meetings. The program outcomes and program specific outcomes are achieved through a curriculum that offers a number of courses.

Every department has clearly defined Programme outcomes(PO), Program specific Outcomes(PSOs) and Course Outcomes(COs). They have been articulated by taking inputs and suggestions from every stakeholder and are nicely stated and displayed on notice boards,

discussed in the classrooms as well as available on website and also printed in the laboratory manuals. Also COs are available in course files maintained by every faculty. The PO and PSOs are aligned with institute's vision mission statement. Each CO is linked to program outcomes and a set of performance criteria that are used to provide quantitative measurement of how well COs are achieved. The COs are directly and quantitatively assessed, and are

tied to the program outcomes and program specific outcomes.

Therefore if the COs is attained, that provides direct quantitative evidence that program outcomes are also attained.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://drive.google.com/file/d/1yp-jhI3B5vQDokISlwAYcWyEOFkBnCpO/view?usp=drive_link">https://drive.google.com/file/d/1yp-jhI3B5vQDokISlwAYcWyEOFkBnCpO/view?usp=drive_link</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The attainment of COs have been ensured through internal assessment tests, assignments, quiz and other tools such as one minute test, debate, seminar, open-book test conducted in the class. The attainment of POs and PSOs are based on the attainment of COs of all courses, end semester examination and indirect assessment tools such as surveys, feedback collected from time to time.

Rubrics are formulated for the assessment of attainment of COs of all courses with respect to set attainment levels. Attainment of Program Outcomes and Program Specific Outcomes:

i) Direct assessment ii) Indirect assessment

The detailed information regarding Rubrics formulated for the assessment and Attainment of Program Outcomes and Program Specific Outcomes are provided in the below link:

[https://docs.google.com/spreadsheets/d/1XqGmCmhIxu0lUXqM9JM99\\_Itp74yqiNu/edit?usp=drive\\_link&oid=108996426416310917633&rtpof=true&sd=true](https://docs.google.com/spreadsheets/d/1XqGmCmhIxu0lUXqM9JM99_Itp74yqiNu/edit?usp=drive_link&oid=108996426416310917633&rtpof=true&sd=true)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://docs.google.com/spreadsheets/d/1XqGmCmhIxu0lUXqM9JM99_Itp74yqiNu/edit?usp=drive_link&amp;oid=108996426416310917633&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/1XqGmCmhIxu0lUXqM9JM99_Itp74yqiNu/edit?usp=drive_link&amp;oid=108996426416310917633&amp;rtpof=true&amp;sd=true</a>

### 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

**216**

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://docs.google.com/spreadsheets/d/11clP0BRrQniAVHB7ipEJzDTu2Ba25wBP/edit?usp=drive_link&amp;oid=108996426416310917633&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/11clP0BRrQniAVHB7ipEJzDTu2Ba25wBP/edit?usp=drive_link&amp;oid=108996426416310917633&amp;rtpof=true&amp;sd=true</a>

### 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/19Yp1VJSS8fOAFt\\_Y11rXTl2\\_UqwNMkUe/view?usp=sharing](https://drive.google.com/file/d/19Yp1VJSS8fOAFt_Y11rXTl2_UqwNMkUe/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)**

**25.11 Lakhs**

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**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**

**21**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

**4**



File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://www.kscst.org.in/">https://www.kscst.org.in/</a> <a href="https://kstacademy.in/en/">https://kstacademy.in/en/</a>

### 3.2 - Innovation Ecosystem

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

Final Year Project Selection and Evaluation process followed in the institute enables the students to come out with an innovative projects. The innovative projects which have technical and societal impact are financially funded by the Universities and other agencies. In particular VTU, Karnataka State Council for Science and Technology (KSCST), Karnataka Science & Technology Academy (KSTA) support the student and faculties groups financially. Incubation centre is setup in the institution and incubated the ATAL incubation center with a MoU in association with Jyothi institute of technology bengaluru, and focused on fostering innovation among interested students to develop new products. To ensure overall growth of the students, SMVITM trains the students to take-up the responsibility as job providers by conducting various activities. Promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus and NISP is implemented. Our college is categorized as band promising institution in India of 2021 by ARIIA ranking organization. We have received 4 star rating from the GOI for conducting useful activities through IIC cell. We have received '2(f)' status from University Grants Commission, New Delhi and also our institute is selected as Mentor Institute under the Mentor-Mentee Program 2021-22 of Institution's Innovation Council (IIC) under Ministry of Education, Govt. of India.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://sode-edu.in/category/news-2/">https://sode-edu.in/category/news-2/</a>

**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**

**13**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

**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	<a href="https://sode-edu.in/research-guides/">https://sode-edu.in/research-guides/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

**29**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**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**

**24**

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**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

SMVITM believes that holistic education is a blend of curricular based formal education with extra-curricular activities. NSS/YRC/RC, Co-curricular, Extra-curricular and ECO club of SMVITM works selflessly in the society with the noble agenda of transforming youth to a responsible nation builder. NSS-YRC-RC is a multifarious organization, working in various capacities during critical conditions like natural calamities, road accidents etc. They are seen as volunteers in social services like donating blood and as the ultimate life savers on numerous occasions. Community, ECO and Human rights works together to create awareness about environmental cleanliness, fundamental human rights and laws, societal menaces, drug abuse, etc. among people. Students are greatly benefitted with overall personality development through all this meaningful programs.

File Description	Documents
Paste link for additional information	<a href="https://sode-edu.in/associations/nss-ycrc/">https://sode-edu.in/associations/nss-ycrc/</a> , <a href="https://sode-edu.in/associations/eco-club/">https://sode-edu.in/associations/eco-club/</a> ,
Upload any additional information	<a href="#">View File</a>

**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**

**13**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**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**

**26**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**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**

7282

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**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**

280

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

**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**

9

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## 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.

#### Facilities for teaching learning process

Shri Madhwa Vadiraja Institute of Technology and Management is an Institution with eleven years of standing and is committed to provide all the necessary infrastructure to suit the demands of the courses and stake holder requirements.

- The Institution is situated in an area of 72 acres with a built-up area of around 20,000 sq.m consisting of classrooms, laboratories, workshop, boardroom, seminar halls, staff rooms, placement blocks, central library, administrative block, canteen, hostels, playground, gymnasium, open air auditorium.
- Each engineering departments have devoted and separate blocks. Central Library and Placement block has a dedicated building.

#### Details on Classrooms

- The Institution has adequate number of classrooms and tutorial (for slow learners) with good lighting, LCD projectors and Wi-Fi/LAN connections which is verified and approved by AICTE.

#### Details of Laboratories and Research Labs

- Well equipped, and well-maintained laboratories with sufficient hardware, E-learning facility and licensed/open-source software are available in each department.

#### Details about Computing facilities

- There are 492 computers (with UPS) in the Institution which is way ahead of AICTE specified student computer ratio. i.e., 1:10.

The Institution has Wi-Fi connectivity with 300Mbps of leased line internet connection throughout the campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1ABlvjCuxSURW0Yq0auxdTvoFXqjaCcDL?usp=drive_link">https://drive.google.com/drive/folders/1ABlvjCuxSURW0Yq0auxdTvoFXqjaCcDL?usp=drive_link</a>

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

#### Sports and games

- The Institute has well qualified and experienced Physical Education Director to guide and prepare the students in physical activities, sports and games.
- Facilities with respect to sports are listed below:

Sl.No.

Description

No.

Area in sq.ft

1

Cricket Field

1

43593.8

2

Volley Ball Court

1

4305.6

3

Basketball Court

1

6026.9

4

Throw Ball Court

1

4305.6

5

Kabaddi Court

1

2421.8

6

Indoor Games Room

1

2635.5

- Facilities with respect to indoor games are listed below:

Sl.No.

Description

No.

1

Chess



11

2

Carrom boards

17

3

Table tennis

5

- Physical Education Department train students in athletic events by providing the best infrastructures such as javelin, 5 in number, a shot put of 7.25Kg for men, and 4 Kg for women.
- Facilities have been provided for yoga by the Institute where it conducts yoga courses for students on regular basis.

Cultural Activities

- Many cultural events are conducted in spacious places like Seminar halls, open air auditorium of the Institution during annual day celebrations and also during inter collegiate event Varnotsava.
- To showcase hidden talents, every year a cultural event Manthana and literary events are conducted every year by the cultural committee.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1DLXO_IY2qDsqF2nmVruAx194-ZpWxHbsz?usp=drive_link">https://drive.google.com/drive/folders/1DLXO_IY2qDsqF2nmVruAx194-ZpWxHbsz?usp=drive_link</a>

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

36

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1VLD02GG5YJ6HrRSWG48-pZB5Xguha0HB?usp=drive_link">https://drive.google.com/drive/folders/1VLD02GG5YJ6HrRSWG48-pZB5Xguha0HB?usp=drive_link</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

**2,70,56,250.64**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

**Response:**

- The Central Library of our Institute is automated with ILMS software Easylib, a fully automated software package purchased in 2020, with version 4.4.2. 6.4a cloud.
- The ILMS software provides several features such as circulation, OPAC, set up and security, periodicals, registration, reports, digital library, circulation and catalogue accessioning.
- Catalogue accessioning is a key feature of the software that allows user to enter the catalogue and accession details of both book and other materials. It also allows to import the data from text and excel sheets, stock verification, catalogue

card generation, customized statistical reports etc.,

- Circulation of ILMS, that allows the library staff to handle the functions such as issues, return, renewal, cancellation of books and non-book items by entering the member id and accession number. In addition, one can retrieve circulation statistics on a specific date and time.
- OPAC (Online Public Access Catalogue), can be accessed by any member of the Institute to search books, periodicals, e-resources or information related to library.
- Digital Library has a separate digital library facility to access e-resources such as IEEE, ProQuest, K-Nimbus, Elsevier, ASCE, Springer, Taylor and Francis that come under VTU Consortium to develop research culture among students/faculty/staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://drive.google.com/drive/folders/1H-f9GxBsknWMorx2P6XntQy5LMyLMXh8?usp=drive_link">https://drive.google.com/drive/folders/1H-f9GxBsknWMorx2P6XntQy5LMyLMXh8?usp=drive_link</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

**8.32**

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

**73**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

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

The Institution aims at providing state of art IT facilities to all its students and staff.

- The Institution has 492 computers to cater the academic and administrative needs of faculties and students.
- To boost industry-academia relations, video conferencing facility is available in the Institution.
- College has 33 printers, 5 scanners, 7 Printing and Scanning machines, one biometric machine in various departments for academic and administrative purpose.
- To enable ICT enabled learning, the Institution also purchases LCD projectors on requirement basis. Currently there are 29 LCD projectors in our Institution.
- A separate Lecture Capturing Room facility is available for the faculties who wish to capture their lecture videos. The classrooms and seminar halls are equipped with LCD projectors with Wi-Fi and LAN connections.
- There are 36 ICT enabled classrooms and seminar halls in the institution for conducting regular classes, workshops, seminars, FDPs etc.
- The Institution has 50Mbps of Jio Internet Leased Line

Connection and 250 Mbps internet by Infynix. Additionally, there are 23 Wi-Fi devices to support academic and administrative purposes.

- Keeping in mind, the safety of the students and staff, the Institution has set up 149 CC cameras at prime locations of the Institution and hostels.
- A separate Management Information System (MIS) is developed at the Institute to support academic process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/150SFew207kt_sUpGszXYBBJGteUkNGiSE/view?usp=drive_link">https://drive.google.com/file/d/150SFew207kt_sUpGszXYBBJGteUkNGiSE/view?usp=drive_link</a>

#### 4.3.2 - Number of Computers

492

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

90.5774845

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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 college has a dedicated maintenance department with qualified and skilled manpower for civil work, electrical work, and plumbing of classrooms, laboratories, hostels etc.,
- The maintenance department has a complaint register to address complaints, if any, from various departments.
- The classrooms, laboratories, library, etc., are cleaned at regular intervals to maintain hygiene by a team of skilled housekeeping staff.
- Minor repairs in the laboratories are carried out by qualified lab instructors.
- Further, major equipment is under AMC for their regular preventive and corrective maintenance.
- To monitor the library usage, separate login registers are maintained for both staff and students
- The Easylib ILMS software in the library undergoes AMC by the vendor.
- A spacious sports room is present in the basement of the main block which is well maintained and monitored by the Physical Education Director of the Institution.
- To refresh the minds of staff and students and to keep them active and fit, indoor games are kept open from 6:00 AM to 7:30 AM and 4:00 PM till 6:30 PM.
- Maintenance of computers, printers, scanners is frequently performed by the system administrator of the computer science department.
- The institute has a dedicated server room to maintain and monitor the IT facilities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://drive.google.com/file/d/1ur5oWj3oCF1cvoRjYdimxDNbDCcsdEIp/view?usp=drive_link">https://drive.google.com/file/d/1ur5oWj3oCF1cvoRjYdimxDNbDCcsdEIp/view?usp=drive_link</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

566

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

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

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

234

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**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	<a href="https://sode-edu.in/associations/iste/">https://sode-edu.in/associations/iste/</a>
Any additional information	<b>No File Uploaded</b>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**1046**

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

**1046**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

**A. All of the above**



**grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

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

## **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**

**121**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### **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**

**38**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

**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**

**38**

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

**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.**

**4**

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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 )

A general secretary, a joint secretary, secretaries for cultural, technical, and sports affairs, placement representatives, editorial board members for the college newsletter and magazine, and representatives from each class make up our elected or chosen student council. SC addresses the institution's head and the IQAC with his or her recommendations and other topics pertaining to the college's academic and administrative functions.

Through the general secretary of the students' council, issues experienced by students are occasionally brought to the attention of the college administration. Student council meets once a month with the principal and the advisory board to discuss issues that are important to them. The Student Council supports preserving rigidity and academic discipline. During co-curricular and extracurricular activities, they have certain responsibilities.

In the IQAC, Women Anti-Harassment Cell, Human Rights Cell, YRC, Newsletter, Rotaract club, Training and Placement Cell, NSS, all departmental organisations, and Sports, there are student representations. There is a Class Committee for each class, consisting of the HoD, FA/TG, and class representatives. Class committee meetings are regularly scheduled to talk about students' overall academic achievement.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1uV-h8WQjSu7votUpT0XS4xlpYr10SD1l">https://drive.google.com/drive/folders/1uV-h8WQjSu7votUpT0XS4xlpYr10SD1l</a>
Upload any additional information	<a href="#">View File</a>

**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**

5

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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

The institute founded the Alumni Association to ensure that its renowned alumni remained a part of the institute. This organization usually conducts social gatherings for graduates. Interactions, alumni gatherings, and fundraisers are all examples of activities. The SMVITM Alumni Association (SMVITMAA), a registered organisation (S-72/2019-20) created in 2019, serves as a vital link between alumni and students by offering a variety of events and services. The SMVITMAA was made up of an alumni association managing committee (which included alumni representatives and the principal-patron of the organization) and alumni association office bearers (which included faculty members from each department). The Alumni Association provides a range of charitable programs for current students each year. Alumni are urged to serve as resource people on

a volunteer basis. The Alumni Interaction Program offers practical expertise and information regarding placement in the context of business expectations. Alumni feedback enhances opportunities for professional growth and instructional approaches. Mentoring their juniors, alumni also assist the university with internship and employment opportunities. As examples of ongoing efforts to strengthen ties between alumni and current students, technical talks in developing fields with visibility to current industry conditions and alumni entrepreneurs sharing their amazing entrepreneurial journey experiences are provided.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1G0Ti_oQ18zmTH8muJBdghTfq_9-Zmwatq">https://drive.google.com/drive/folders/1G0Ti_oQ18zmTH8muJBdghTfq_9-Zmwatq</a>
Upload any additional information	<a href="#">View File</a>

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>D. 1 Lakhs - 3Lakhs</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>

**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

**Vision**

"To be recognized as an eminent center of education imparting holistic education"

**Mission**

- Develop transformational leaders in technology, research and innovation through integrated education to meet societal

needs.

- Disseminate knowledge by providing conducive academic ambience at affordable costs.
- Nurture all-round personality development and impart value-based education founded on the tenets of humanity, integrity, ethics and sustainability.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1LHDNpF1aAxR0E76Eohro9mlNkFyATL2M">https://drive.google.com/drive/folders/1LHDNpF1aAxR0E76Eohro9mlNkFyATL2M</a>
Upload any additional information	<a href="#">View File</a>

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

The management has promoted decentralization in the institution's procedures and policies by delegating power and operational autonomy to the Principal, who in turn delegates the responsibility to the Heads of Departments and Institution level committee/cell coordinators.

The institution firmly believes in participatory management, which engages a variety of stakeholders at appropriate levels of decision-making.

- The institution's Governing Council also comprises one management representative, the Principal, and a Faculty member.
- The Principal is also the Chairman of the IQAC, Purchase committee and other committees, and therefore plays a prominent role in the governance and execution of decisions taken during meetings.
- To ensure the quality of academic and administrative activities in institution, IQAC comprises the Principal, Vice Principal, HoDs, Students, Alumni, and Parents.
- In every department, implementation of academic practices is taken care by Program Assessment Committee (PAC), which is comprised of the Head of Department, Students, Alumni, Parents, and Industry experts.
- Faculty, Staff, and Students are also part of societies such as ISTE, and event-specific committees like Graduation Day.
- Alumni and parent engagement are fostered through the organization of regular alumni and parent-teacher meetings.

- Curriculum feedback is obtained from Faculties, Employers, Alumni, Students and Parent for Curriculum Enrichment.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Following Strategic goals are framed on the basis of Mission and Vision of the Institute, Core Values, Stake holder's expectations and SWOC analysis.

1. Affiliation and Accreditation
2. Horizontal and vertical Expansion
3. Effective Teaching Learning Process
4. Staff development and welfare
5. Student development and participation
6. Training, Placement and Entrepreneurship
7. Research and Consultancy
8. Collaboration
9. Alumni interaction and contribution

To achieve the strategic goal, institute has established the strategic plans for each strategic goal. Progress made towards fulfilment of strategic plans during 2021-22-

- UG programs in CSE and ECE are accredited by NBA w.e.f 01 July 2021.
- The college has started two new UG programs in the emerging areas of technology, namely- Artificial Intelligence & Data Science and Artificial Intelligence & Machine Learning in the academic year 2021-22.
- The college has organized faculty development program to

ensure quality in the teaching-learning process and to strengthen Outcome Based Education (OBE) in the institute.

- A clear guidelines are framed to set question papers for the internal assessment tests.
- Value added programs, Add-on courses, certificate courses, Invited-talks, Industrial visits, internships and placement training sessions were organized to ensure overall development of the students.
- The technical departments in association with alumni cell have organized alumni interaction sessions.
- Entrepreneurship Development Cell of the institute has organized number of programs in order to motivate the students to become entrepreneurs.
- Faculty members have provided with incentives for their research publications. Also, the faculty members pursuing Ph.D, can avail research seed money up to Rs. 60,000=00.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

#### Governing Body

- The management of the institute is the top body for policymaking; it is made up of five individuals- President, Vice-President, Secretary, and Members of the trust.
- The Institute's Governing Council meets regularly to discuss issues concerning the college's development.

#### Administrative Setup

The Principal is in charge of the institution's academic and administrative processes and reports to the Governing Council for all academic, administrative and financial matters of the college.

Administrative Process is supported by:

1. Accounts: Superintendent of accounts, Office Assistant of



## Accounts

2. HR: Office Assistant of HR
3. Examination: Office Assistant of Examination
4. Admission and scholarship: Office Assistant of Admission.

## Academic Bodies

**IQAC:** Is a supporting functional body for the development and application of quality benchmarks/parameters.

**PAC:** Program Assessment Committee deals with academic activities at departmental level.

## Service rules and procedures

The Institution has a set of well-established rules and policies within the framework of AICTE, state Govt. and the affiliating university regulations which are approved by the Governing Council. Institution has prepared a policy book containing various details of service policies.

## Recruitment

The applicants are chosen by the selection committee, which is formed by the management and is guided by the AICTE's guidelines.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="https://sode-edu.in/about-us/about-smvitm/organization-chart/">https://sode-edu.in/about-us/about-smvitm/organization-chart/</a>
Upload any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

SMVITM is committed to the well-being of its employees, and the following benefits are available to teaching and non-teaching staff

- Institution conducts FDP, SDP, Guest Lectures, Webinars and Workshops every year for the benefit of teaching and non-teaching staff. Faculty members are given SCL (special casual leave) to attend FDP/Workshops/Seminars/Conferences organized by other Institutions. Registration fee is paid by the institute on claim basis for faculties attending conferences, seminars, FDPs and workshops in other Institutions.
- Faculty members pursuing Ph.D are eligible for a financial incentive of Rs. 12,000 per year for a maximum of 5 years.
- Waiver of 'Other fee' to the meritorious wards of faculty/staffs seeking admission in the Institution.
- Provident Fund facility has been extended to all faculty and staff.
- Medical/Rural Accidental Benefit Insurance is available to all of the employees.
- All the non-vacation employees are eligible for earned leave.
- Faculty/staff are entitled to 15 days of Casual leave. For each completed year of service, a permanent employee is entitled to 20 days of half-pay leave or 10 days of full-pay leave as commuted leave. Balance leave can be accumulated over the years.
- Free vaccination drive was arranged by the college for the benefit of Employees and Students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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**

7

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**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**

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**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**

56

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

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

The institution has performance appraisal system for both teaching and non-teaching staff to decide on continuation or confirmation of service/annual increment/special increments/promotion. Appraisal format is designed by IQAC and measures performance of Faculty performance across five categories for 300 marks.

- Teaching Learning and Evaluation Related Activities
- Co-curricular and extra-curricular activities
- Professional related contributions
- Institutional Governance
- Research/Publication/Patent/Funding/Consultancy
- Personal Qualities (Assessed by HOD)

Self-appraisal form is filled by faculty members yearly and submitted to the respective departmental heads along with supporting documents. Departmental heads scrutinize the appraisals forms and submit it to the Performance Appraisal Committee (PAC) for further processing. PAC consists of one management representative, Principal and the HOD of the concerned department. PAC conducts individual meeting with each faculty, evaluates their performance, gives feedback to the faculty and conveys the management expectations from the individual faculty. PAC recommends the annual

increment/promotion/continuation or confirmation of service for the faculty based on the assessment score. Principal takes approvals for the increment/promotions from the management; further increment/promotion order is issued to eligible faculty. Performance of Non-Teaching staffs is assessed in similar manner by HOD & Principal on the basis of format drafted for them.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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 Institution conducts internal audit half yearly and external audit at the end of every financial year.

- Financial planning is exercised well in advance for the organization and efficient budgeting is done by involving the various Academic departments and Administrative sections of the Institution.
- Financial planning and review is done through internal finance committee which comprises the Secretary (Management representative), Principal and Account superintendent as members.
- The finance committee meets every six months to review the income and expense statements and make recommendations for future action.
- During the internal audit conducted by the finance committee, the committee raises any objections connected to finance and stock related records.
- Questions raised during the audit will be forwarded to the accounting department, and compliance will be implemented within a month. They also provide crucial guidance for account maintenance and enhancement.
- These safeguards ensure that there are no future anomalies in the records that may be challenged by external auditors.
- A chartered accountant conducts an external audit at the conclusion of every financial year. Audited financial statements are made available to the public by posting them on the institution's website and are also sent to statutory and

**regulatory organizations.**

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

**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)**

0.42

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

The Institution has a well-defined mechanism to mobilize the funds, the main corpus of which comes from student's fees with additional support from the management, if needed.

- Before the commencement of every academic year, HODs/ section heads will prepare the approximate annual budget and the same is submitted to the principal.
- The Principal prepares the Institution's consolidated budget and proposes it to the Governing Council for approval. Approved budget is handed over to the respective department for implementation.
- The finance committee makes the required arrangements to mobilize the fund in accordance with the budget requirements.
- The institutional finance committee keeps track of the budget through internal audit. In any unforeseen circumstances, non-budgeted amount is allotted depending on the merit of the case.
- After implementation by the departments/sections, Invoice and

purchase order is reviewed by the finance committee.

The Institution optimally utilizes the resources for following activities:

- The infrastructure is optimally utilized for the teaching learning process, as well as for seminar/workshop/FDP conduction to the external participant like Diploma students, school/ PU college faculties.
- Workshop facilities is used for fabrication work of furniture's for SSVMET trust managed education institutes whenever required.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

The Institution has established Internal Quality Assurance Cell in the year 2015-16 to foster the activities that are necessary to increase the quality standards in teaching learning and evaluation.

The IQAC has been instrumental in reviewing, following up, strategizing and promoting the quality indicators and mechanisms in ensuring credibility.

Best practice institutionalizing the quality assurance strategies and process by IQAC.

### MIS

An in-house developed MIS is used for effective administration; several operational modules are included in MIS. A brief on modules designed in MIS is as follows:

- Student profile
- Daily attendance entry
- Internal assessment and assignment marks entry
- Leave transaction for Employees
- Semester exam invigilation duty allotment

- Student Feedback collection and analysis

#### Performance Based Appraisal (PBA)

PBA is an evaluation process initiated by IQAC, for performance monitoring and development of employees.

PBA has assisted for incremental growth in:

- Documentation & effectiveness in teaching learning process.
- Participation in professional development activities like FDPs/Short Term courses.
- Appearing for NPTEL exams through local chapter. Membership in professional bodies.
- Institute Faculty Registration for pursuing Ph.D program.
- Research scholar pursuing Ph.D under the guidance of faculty from the institute, Publication in reputed journal and conference. Organization of seminar/FDP/workshop.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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 IQAC, various institute academic committee, department heads meet once in three months and monitors all the activities related to teaching learning process, structures & methodologies of operations and learning outcomes

The IQAC monitors the academic review activities such as:

- Timely preparation of academic calender.
- Preparation Curriculum delivery plan.
- Effective delivery of the course and adherence to Curriculum delivery plan.
- Continuous internal evaluation is carried out thoroughvarious assessment tools.
- To assess the effectiveness of the teaching, feedback is collected from the student twice in a semester.
- Teaching learning process reviewed through class committee



meetings.

- Conducting Academic audit at the department level by IQAC.

IQAC monitoring for structures & methodologies of operations through:

- MIS consolidated reports for review of attendance/marks/feedback/leave/biometric report.
- Examination liaison officer for review of examination related activities.
- Resident Engineer for maintenance work.
- Store in charge for assessment of stocks and review of housekeeping work.

IQAC reviews the assessment of teaching learning outcomes through

- Result analysis after every internal assessment & final semester exam results.
- Course outcome analysis for each course after completion of the semester.
- The Learning outcomes of program (POs) are assessed through course outcome (COs)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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	<a href="https://drive.google.com/file/d/1H18qQfWjsDj1aHAR0oJnG7dRcTiWg42S/view?usp=drive_link">https://drive.google.com/file/d/1H18qQfWjsDj1aHAR0oJnG7dRcTiWg42S/view?usp=drive_link</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

##### 7.1.1 Measures initiated by the Institution for the promotion of gender equity during the year

Institute is having an action plan for the programs on Gender equity and gender sensitization by Women Empowerment Cell counselling cell and by NSS in the year 2021-22.

The Sports cellof SMVITM has organized a session on "Yoga for health and Wellness" to mark the observance of International Day of Yoga on 21st June.

The WECof SMVITM organized a session on "Gender Roles- Now and Then" by Ms. Jayashree Bhat, Psychologist and Social Activist, Udupi, on 30 October 2021.

The WECof SMVITM organized a session on "Health and fitness for well-being on 30 November 2021 at 2pm in the SVH PU College Innanje.

The WEC of SMVITM organized a "Self Defense Program" for Girl students of the College on 06-01-2022 .

The WEC in association with CICC of SMVITM organized a session on "She=He", Lets empower Girls - for Girl students of the College on 27-01-2022.

The WEC of SMVITM organized a session on "Women in Science"on account of International Women's Day on 11-03-2022.

The Counseling cell organized a session on "Self Control in Personal life and career growth", on 28-04-2022.

File Description	Documents
Annual gender sensitization action plan	<a href="https://drive.google.com/drive/u/0/folders/1pkB_FhQt7JvHb3NwTtJk33OVUX6g-zuC">https://drive.google.com/drive/u/0/folders/1pkB_FhQt7JvHb3NwTtJk33OVUX6g-zuC</a>
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	<a href="https://drive.google.com/drive/u/0/folders/1pkB_FhQt7JvHb3NwTtJk33OVUX6g-zuC">https://drive.google.com/drive/u/0/folders/1pkB_FhQt7JvHb3NwTtJk33OVUX6g-zuC</a>

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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:**

The used papers and notebooks are collected and sent for recycling. Usage of plastic cups, plates and cutlery are restricted in the campus as a green initiative. Sufficient numbers of bins are placed at prominent locations to collect waste in campus. Sanitary pad incinerator has been installed in campus.

**Liquid waste management:**

Sewage Treatment Plant (STP) of 125 kL/day capacity has been commissioned in the Institution. The treated water is used for flushing purpose in toilets and gardening purpose. Adequate

arrangements are made to store treated water separately, and dedicated plumbing system supplies this treated water across all toilets for flushing purpose.

**E-waste management:**

E-waste (excluding unusable computers and other dead stock items) from various departments is collected in the store room. It is disposed off as scrap to the agencies involved in recycling of e-waste on yearly basis. The list of the non-working computers including the accessories and other non-working instruments, equipment from various departments to be written off is prepared annually. After the approval, this dump of written off items is further delivered to e-waste recycling agencies.

**Waste recycling System:**

Institute is having a waste water recycling system. He plant works under biological aerobic system of Sequential batch reactor. The treated water is used recycled and reused for gardening purpose and also for the flushing system.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3.Pedestrian-friendly pathways</b></li> <li><b>4.Ban on use of plastic</b></li> <li><b>5.Landscaping</b></li> </ol>	<p><b>C. Any 2 of the above</b></p>
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File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

<p><b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following</b> 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</p>	<p><b>C. Any 2 of the above</b></p>
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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	No File Uploaded
Any other relevant information	<a href="#">View File</a>

<p><b>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></p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

SMVITM provide an environment of harmony, tolerance, towards cultural, regional, linguistic, communal and socio economic diversities. Programs conducted in 2021-22 :

Sports committee celebrated International Day of Yoga with a theme

"Yoga for Humanity" on 21-06-2022.

NSS-YRC-RC Unit in association with Disha Bharat Bengaluru organized a webinar on "Netaji's Parakram-An Inspiration to Youth" on 26-01-2022.

National Voters' Day was celebrated on 25-01-2022, NSS-YRC-RC organized voters pledge taking ceremony with a theme for the year was "Electoral literacy for stronger democracy".

On the occasion of National Youth Day NSS-YRC-RC organized a talk on "Role of Youth in Nation Building" on Wednesday, 12 January 2022.

NSS-YRC-RC of SMVITM in association with Kasturba Hospital Blood Center, Manipal organized one - day Blood Donation Camp on 27-11-2021.

Constitution Day (Samvidhan Divas) celebration was done on 26-11-2021,

On the occasion of 75 years of India's Independenced NSS-YRC- RC Unit of SMVITM organized Fit India Freedom Run on 31-10-2021.

On the occasion of National Service Scheme Day, and Gandhi Jayanthi, NSS-YRC-RC Unit organized mega Vaccination drive on 24 September 2021 and 08 October 2021.

NSS-YRC-RC Unit in association with Agastya International Foundation organized a webinar on "Social Outreach for Engineering Students" on 07 July 2021.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Institution conducted various programs for sensitization of the students and employees. some of the programs conducted and their

description are as follows:

On the occasion of 73rd Republic Day and Parakram Diwas, 125th Birth Anniversary of Netaji Subhash Chandra Bose, NSS-YRC-RC organized a webinar on "Netaji's Parakram-An Inspiration to Youth" on Wednesday, 26 January 2022.

On the occasion of National Voters' Day celebration on 25 January 2022, NSS-YRC-RC Unit organized voters pledge taking ceremony for the students.

On the occasion of National Youth Day and 150th Birth Anniversary of Swami Vivekananda, NSS-YRC-RC Unit organized a talk on "Role of Youth in Nation Building" on Wednesday, 12 January 2022.

NSS-RC in association with Kasturba Hospital Blood Center, Manipal organized one - day Blood Donation Camp on 27 November 2021.

Constitution Day (Samvidhan Divas) was celebrated on 26 November 2021.

NSS-YRC-RC Unit in association with Department of Health and Family Welfare Udupi, Community Health Centre Shirva, Grama Panchayath Shirva, organized mega Vaccination drive (Second Dose) respectively on 24 September 2021 and 08 October 2021

74th Independence day was celebrated on 15 August 2021 in the institute premises. Dr. Thirumaleshwara Bhat, Principal hoisted the flag and spoke on account of the day.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://drive.google.com/drive/folders/10JX7ZfLQATeXgqcToTyET_hCKd84UdLM">https://drive.google.com/drive/folders/10JX7ZfLQATeXgqcToTyET_hCKd84UdLM</a>
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**

**A. All of the above**



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

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

On the occasion of National Youth Day and 150th Birth Anniversary of Swami Vivekananda, NSS-YRC-RC organized a talk on "Role of Youth in Nation Building" on Wednesday, 12 January 2022.

On the occasion of 73rd Republic Day and Parakram Diwas, 125th Birth Anniversary of Netaji Subhash Chandra Bose, NSS-YRC-RC in association with Disha Bharat Bengaluru organized a webinar on "Netaji's Parakram-An Inspiration to Youth" on Wednesday, 26 January 2022.

The department of Physics and Institutions innovation council (IIC) in association with the student chapter of Indian Society of Technical Education organised an invited talk on 28 February 2022 with the concept of scientific thinking on the account of "National Science day" to commemorate the discovery of the Raman Effect by Indian Physicist Sir C.V.Raman.

Institute celebrates Independence Day on 15th August annually; Invited guest and Principal will address the audience about various

national issues. Sweet is distributed to students and staff.

Teacher's day and Engineer's day are celebrated competitions and entertainment programs are conducted by students on 05-09-2021

To commemorate 133rd birthday of the great Indian Mathematician Shri Srinivasa Ramanujan. Department of Mathematics with the faculty chapter of ISTE organised an invited talk on 22 December

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

**Practice - 1: "Community Outreach"** 1. Title of the Practice "COMMUNITY OUTREACH" 2. Objectives of the practice: To cultivate a sense of social responsibility in the students and inspire community work To bridge the theory-praxis divide To make students aware of actualities of the real world To provide a genuine platform wherein the students will be able to put their acquired knowledge into practice

**Practice - 2: "Teacher Guardian / Faculty Advisor Scheme"** 1. Title of the Practice "Teacher Guardian / Faculty Advisor Scheme" 2. Objectives of the Practice To improve student-teacher relationship To monitor student's overall performance during their engineering program. To counsel students for solving their grievances and boost their self-esteem To keep the parents informed of their ward's performance To guide students towards right career path.

File Description	Documents
Best practices in the Institutional website	<a href="https://drive.google.com/drive/folders/1F_Et_sQq2HBkFZxxJS4MLdXKZFjTbFMGh">https://drive.google.com/drive/folders/1F_Et_sQq2HBkFZxxJS4MLdXKZFjTbFMGh</a>
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

#### Holistic Education Engineering:

The institute passionately believes in its principles of vision and mission and strives hard towards achieving its promise of providing holistic education. We believe that a strong and honest character is more important than just having a career. Career may change, but an unshakeable character is a necessity for a life of contentment.

**Career:** At our institute, we place huge importance on the following in view of building a good career.

**Knowledge:** Engineering and general knowledge are of paramount importance for a technical career. In addition to classroom teaching based on the prescribed syllabus, institute also have various invited technical talks, short term workshops, lab experiments outside the curriculum and many more to augment the knowledge of the students.

**Skills:** The institute holds mini project competitions for all students annually. The students participate and showcase their technical skills, coupled with their fertile imaginations.

**Innovation:** Innovation Club encourages innovative ideas, which is also committed to cultivate innovation through the mini project initiatives that are undertaken regularly.

#### Entrepreneurship:

The institute has an Entrepreneurship Development Cell that strives to provide all aspiring students to realize their entrepreneurship

dreams .

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

The following future action plans are envisaged for the year 2022-23:

Organizing an international conference in each department.

Establishing international collaborations.

Implementing various activities under the alumni association.

Initiating a new postgraduate (PG) program.

Establishing an incubation center.

Enhancing faculty qualifications with Ph.D. degrees.

Working towards achieving a higher NIRF (National Institutional Ranking Framework) ranking.

Improving the quality of research publications.

Increasing the number of patents.

Strengthening activities to improve placement opportunities.