

# YEARLY STATUS REPORT - 2022-2023

Part A				
Data of the Institution				
1.Name of the Institution	SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU			
•Name of the Head of the institution	Prof. Rakesh S. G			
•Designation	PRINCIPAL			
•Does the institution function from its own campus?	Yes			
• Phone no./Alternate phone no.	08028467080			
• Mobile no	9108341707			
• Registered e-mail	principal@sirmvit.edu			
• Alternate e-mail	sirmvitbgl@gmail.com			
• Address	Krishnadevaraya Nagar, International Airport Road, Hunasamaranahalli			
• City/Town	Bengaluru			
• State/UT	Karnataka			
• Pin Code	562157			
2. Institutional status				
Affiliated /Constituent	Affiliated			
• Type of Institution	Co-education			
Location	Rural			
Financial Status	Self-financing			
Name of the Affiliating University	Visvesvaraya Technological University, Belagavi			
Name of the IQAC Coordinator	Dr. Ch. Vanipriya			
Phone No.	08028477024			
Alternate phone No.	08028467248			
Mobile	9036973536			
IQAC e-mail address	iqac@sirmvit.edu			
Alternate Email address	hod_ece@sirmvit.edu			
3. Website address (Web link of the AQAR	https://www.sirmvit.edu/aqar- 2022-2023/			
(Previous Academic Year)				
4. Whether Academic Calendar prepared	Yes			
during the year?				

• if yes, whether it is uploaded in the Institutional website Web link:				irmvit.edu/wp- ds/2025/05/Academic 23-24.pdf		
5. Accı	edit	ation Detail	ls			
Cycle		Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle	e 1	B++	2.87	2018	03/07/2018	02/07/2023
Cycle	e 2	A	3.07	2023	15/12/2023	14/12/2028
6 Date of Establishment of IOAC			01/08/2015	<u> </u>		

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with	Amount
Dr. Ishwar Chandra	Student Project Programme (SPP)	Karnataka State Council for Science and Technology (KSCST)	duration 2023	0.065 Lakhs
Dr. Priya Narayan Dr.Jagadeesh kumar D.	Student Project Programme (SPP)	Karnataka State Council for Science and Technology (KSCST)	2023	0.065 Lakhs
Ms. SubhadraG. D. Ms.Ramya N.	Student Project Programme (SPP)	Karnataka State Council for Science and Technology (KSCST)	2023	0.04 Lakhs
Dr.Shivanna.S. Ms.Vyshnavi D. R.	Student Project Programme (SPP)	Karnataka State Council for Science and Technology (KSCST)	2023	0.045 Lakhs
Mr. Elaiyaraja P.	Student Project Programme (SPP)	Karnataka State Council for Science and Technology (KSCST)	2023	0.04 Lakhs
Dr. Anitha T.N.	Student Project Programme (SPP)	Karnataka State Council for Science and Technology	2023	0.05 Lakhs
Dr. Mahesh K . Dr.H.L.Suresh	Student Project Programme (SPP)	Karnataka State Council for Science and Technology (KSCST)	2023	0.055 Lakhs

Dr. Priyanka Sharma Ms.Deepthi J.R.	Student Project Programme (SPP)	Karnata State C for Sci and Tec (KSCST)	ouncil ence	2023	0.035 Lakhs
Ms.Asha Rani A.	Student Project Programme (SPP)	Karnata State C for Sci and Tec (KSCST)	ouncil ence	2023	0.05akhs
8. Whether composition of IQAC as per latest NAAC guidelines			Yes		
<ul> <li>Upload latest notification of formation of IQAC</li> </ul>			<u>View File</u>		
9. No. of IQAC meetings held during the year			2		
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?			Yes		
<ul> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>			View F	ile	
10. Whether IQAC received funding from any			No		
of the funding agency to support its activities					
during the year?	during the year?				
• If yes, mention the	<ul> <li>If yes, mention the amount</li> </ul>				

# 11. Significant contributions made by IQAC during the current year (maximum five bullets)

Academic Audit conducted every semester. Ensuring quality in internal test question papers. Initiation of the process to reframe Vision and Mission statements. Increasing the quality and quantity of research publications and patents. Formulation of formats and Standard Operating Procedures (SoPs).

# 12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year.

•	
Plan of Action	Achievements/Outcomes
Local Guardian Scheme	Effective Local Guardian Scheme implemented and audited by the HODs
Quality Research Publications	Increased in the Number of Quality Research Publications in Scopus indexed Journal
Increase the Usage of Innovative Teaching Methods	More innovative Teaching Methods used by Teachers
Students feedback collection	Students Feedback collected, Analyzed and Action Taken

13. Whether the AQAR was placed before	No
statutory body?	

Name of the statutory body				
Name	Date of meeting(s)			
Nil	Nil			
14.Whether institutional data submitted to AISHE				
Year	Date of Submitted			
Yes	14/01/2023			

# **15.**Multidisciplinary / interdisciplinary

The Institute is affiliated to Visvesvaraya Technological University (VTU). The University adopted CBCS and started implementing NEP from the year 2021. The University revised the curriculum in the year 2022, with the introduction of interdisciplinary courses. 2022 scheme of Teaching and Examinations for 1st and 2nd semesters are classified into following four streams, Civil Engineering Stream, Computer Science & Engineering Stream, Electrical & Electronics Engineering Stream and Mechanical Engineering Stream. The curriculum has an integration of humanities and science with STEM. The curriculum contain Humanities, Social Sciences and Management (HSMC) which are mandatory for all disciplines and the Basic Sciences courses (BSC) which include Physics, Chemistry and Mathematics, which are also mandatory for all the discipline. It has introduced multidisciplinary courses such as Scientific Foundations for Health, Indian Constitution, and Emerging Technology Courses such as Introduction to Sustainable Engineering, Operation and Maintenance of Solar Electric Systems etc. To facilitate flexible learning within a stipulated period, multiple entry and multiple exit options are given to the needy students (Maximum of 8 years for regular students and 6 years for the lateral entry students). The students can exit after 2nd, 3rd or 4th semesters and can have entry in 3rd, 5th or 7th semesters. Institute encourages the faculty to carry out multi-disciplinary research. Faculty share research goals and work on the same problem, while looking at their own discipline's perspective.

# 16.Academic bank of credits (ABC):

The Institute is affiliated to VTU and the University adopted NEP 2020 in the year 2021. As a part of NEP, the University insists that all the students of the affiliated Institutes have to register for Academic Bank of Credits. Academic Bank of Credits (ABC) will digitally store the academic credits earned by students from Higher Educational Institutions by facilitating students to choose their own learning path to attain degree/Diploma/Certificates, working on the principle of multiple entrymultiple exits, as well as any-time, any-where, and any level of learning. The ABC platform has been developed by the National eGovernance Division (NeGD) of the Ministry of Electronics and Information Technology (MeitY) under the DigiLocker framework. As the institute is affiliated to Visvesvaraya Technological University and does not issue marks statements or degree certificates, it need not register under NAD. However, all the students of 2021 batch visited abc.gov.in and created an account, with ABC Id through DigiLocker, with the Academic Bank of Credit of India and abided by the standard operating procedures as communicated to them by the ABC.

# 17.Skill development:

The Institute has been entrusted with the responsibility of nurturing the

students by providing them skill based, on campus training. These are the facilities beyond regular academics. The objective would be the enhancement of students' employment/self-employment opportunities. For instance, Artificial Intelligence and Internet of Things courses are conventionally offered to the students of CSE/IT/MCA programmes. However, the students of other branches might also express interest in these courses. To cater the needs of such students, the skill labs have been devised, to enable the students from different branches. The Institute took the initiative of developing the skills of the students by establishing the following skills Development Labs: • Herbal Drug development Lab • Cell Culture Lab • Artificial Intelligence Lab • Embedded & IOT Application Lab • i-Labs (intellectual Labs) • Technical Competency Enhancement Lab • Material Testing & Structural Design Lab Apart from this a spectrum of student development programmes are being conducted for honing skills. These skills encompass seminars, soft skills training, workshops etc. The Institute has Societies/Chapters like CSI, ASME, ISTE also, convergence of these endeavors results in nurturing comprehensive skill set of the students. These trainings and workshops not only spanning to technical skills but also foster the skill set like teamwork, leadership acumen and communication skills.

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

The Institute is affiliated to Visvesvaraya Technological University (VTU). VTU has introduced NEP 2020, in its revised curriculum in the year 2021. The curriculum introduced Kannada language as a mandatory subject for all the students, pursuing B.E. To preserve and spread Indian culture and tradition, the Institute organizes various activities such as traditional day celebrations like "Isiri", competitions such as Rangoli, Dance, and Singing etc. The Institute inculcates Indian culture and values through the participation of the students in university level youth festivals. In 2022 scheme, the University introduce "Yoga" as one of the elective subjects, which is a mandatory course, considered for vertical progression. Inclusion of this subject in the curriculum preserves and appreciates the rich cultural heritage of the country. Sir MVIT has a dedicated cultural club, "Vidyabharathi", a Indian Knowledge System club that promotes the culture. idyabharathi, being an Indian Knowledge System (IKS) initiative, provides a platform to explore, promote, and integrate traditional Indian knowledge into contemporary education and practices through the conduct of programmes such as seminars.

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

At Sir MVIT, the Outcome-Based Education (OBE) is at the core of our academic framework, ensuring that all teaching, learning, and assessment practices are aligned with clearly defined learning outcomes. By adopting OBE, the institution emphasizes measurable achievements that reflect students' knowledge, skills, and attitudes upon graduation. Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are meticulously mapped and assessed to foster competency, critical thinking, and problem solving abilities in students. Regular curriculum reviews, industry aligned learning objectives, and innovative pedagogical practices are implemented to bridge the gap between theoretical knowledge and practical application. Continuous assessment mechanisms, including direct and indirect tools, ensure the holistic development of students while preparing them for real-world challenges. This systematic approach underscores the institution's commitment to delivering quality education and enhancing overall student success.

### 20. Distance education/online education:

As Per AICTE rules, NAAC accredited Institutes with A+ and above grades are eligible for Distance Education. At present SIR MVIT is not eligible to offer "Distance Education" courses. Sir MVIT obtained A grade in NAAC and not eligible

for Distance Education. Massive Open Online Courses bring revolution in the education field that equip the students as well as faculty with the latest technology and to acquire new skills. Sir MVIT encourages the students and faculty to register for MOOCs. Sir MVIT has been recognized as one of the local centers of NPTEL and the NPTEL Local Chapter started functioning in the institution in JULY 2018. VTU has adopted NEP from 2021. As a part of this, it has made online courses compulsory for the PG students. It also offers a B.E. (Honours) degree for Undergraduate students that can be earned by completing certification courses from NPTEL. These online courses are helpful to adapt life long learning and also fills the gap between academia and the industry requirements. Apart from these, the institute also encourages the students to enroll in the MOOCs like Coursera, Udemy, Data Camp etc., to enhance the skill set of the students. After Page 8/67 15-05-2025 06:35:10 Annual Quality Assurance Report of SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE obtaining these certificates, the students can post these on professional social media like LinkedIn, which may enable them to fetch employment opportunities. Some of the faculty have their YouTube channels, where they upload the content that fosters the students' learning at their own pace.

Extended Profile			
1.Programme		<u></u>	
1.1 Number of courses offered by the in- across all programs during the year	stitution	567	
File Description		Documents	
Data Template		<u>View File</u>	
2.Student	<u>'</u>		
2.1 Number of students during the year		3085	
File Description	Documen	nts	
Institutional Data in Prescribed Format	View File		
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	605		
File Description	Documen	nts	
Data Template	View File	<u>e</u>	
2.3 Number of outgoing/ final year students during the year	880		
File Description	Documen	nts	
Data Template	View File		
3.Academic			
3.1 Number of full time teachers during the year	169		

File Description	Documents
Data Template	View File
3.2 Number of sanctioned posts during the year	48
File Description	Documents
Data Template	Data File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	46
4.2 Total expenditure excluding salary during the year (INR in lakhs)	1808.2
4.3 Total number of computers on campus for academic purposes	1006

# Part B

### **CURRICULAR ASPECTS**

# 1.1 - Curricular Planning and Implementation

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

Sir MVIT follows a structured and well-defined process for the effective delivery of the curriculum, as framed by Visvesvaraya Technological University (VTU), to which the institute is affiliated. At the beginning of each semester, an academic calendar is prepared in alignment with the university's academic schedule. This calendar includes the duration of the semester, internal assessment dates for theory and laboratory courses, general holidays, and key institutional events such as Kalanjali. The finalized calendar is shared with all departments. Heads of Departments (HODs) allocate theory and laboratory courses to faculty members, taking into consideration both their subject expertise and individual preferences. Each course instructor then defines Course Outcomes (COs) based on Bloom's Taxonomy and maps them to relevant Program Outcomes (POs) and Program Specific Outcomes (PSOs). Departments prepare timetables for all academic components-including theory, lab sessions, and project work-based on the credit distribution for each course. Once reviewed and approved by the HOD, faculty members develop detailed lesson plans and teaching materials. These materials typically include lecture notes, PowerPoint presentations, question banks, and laboratory manuals, all designed to support Outcome Based Education (OBE). Faculty members deliver the course content as per the lesson plan, ensuring a structured and outcome-driven learning experience for students.

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

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

Before the start of each semester, Visvesvaraya Technological University issues an academic calendar for all its affiliated programs. This calendar outlines key dates, including the commencement and last working day of the semester, internship periods, and the schedule for semester-end examinations. Sir M. Visvesvaraya Institute of Technology adheres strictly to the university's academic calendar and plans all institutional and departmental activities accordingly, including the conduct of Continuous Internal Evaluation (CIE). Based on the university calendar, the institute prepares a detailed institutionallevel calendar of events, which is then used by each department for further planning. The institute calendar includes essential information such as the number of working days, public holidays, internal assessment schedules, and dates for major institutional programs and events. Except in cases of unforeseen circumstances, all academic and evaluation activities are conducted as per the planned schedule. This structured approach to academic planning enables faculty to effectively organize course delivery, research commitments, and academic as well as co-curricular responsibilities.

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

# 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

# B. Any 3 of the above

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

### 1.2 - Academic Flexibility

# 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

# 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

12

File Description	Documents	
Any additional information	View File	

Minutes of relevant Academic Council/ BOS meetings	Nil	
Institutional data in prescribed format (Data Template)	<u>View File</u>	

# 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)

30

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

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

### 1865

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

### 1.3 - Curriculum Enrichment

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

Our University curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Various activities are organized throughout the year as part of the curriculum that help in this endeavor.

Gender Sensitivity: Gender related courses are an integral component of various programmes. Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective.

Environment and Sustainability: Our Institution is a strong community orientated culture is based on sustainable way of life, that involves Environment awareness camps, seminars, workshops, guest lectures, industry visits and field excursions are organized. Environment Day, Earth Day are annually celebrated.

Human Values and Professional Ethics: Our VTU curriculum has Constitution of India, Professional Ethics and Environmental Studies as compulsory core courses

in all UG programmes specially focused on the development of human values and professional ethics.

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

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

21

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

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

# 2314

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

# 1.4 - Feedback System

1.4.1 - Institution obtains feedback on			
the syllabus and its transaction at the			
institution	from	the	following
stakeholders	Stu	dents	<b>Teachers</b>
<b>Employers Alumni</b>			

B. Any 3 of the above

	le Description	Documents
	ort	https://www.sirmvit.edu/wp- content/uploads/2025/05/1 1 FEEDBACK ANALY SIS 2022 23.pdf
Ins sta Go	etion taken report of the stitution on feedback reports ated in the minutes of the overning Council, Syndicate, pard of Management	
An	ny additional information	Nil

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

D. Feedback collected

File Description	Documents
Upload any additional information	Nil
URL for feedback report	https://www.sirmvit.edu/wp- content/uploads/2025/05/1 1 FEEDBACK ANALYSIS 20 22 23.pdf

# 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

### 916

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

# 2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

# 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

### 321

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

# 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes

### for advanced learners and slow learners

### Slow learners:

Education is a diverse landscape, encompassing learners with various abilities, strengths, and learning styles. Among these learners are individuals who may require additional support or tailored approaches to keep pace with their peers. Fast Learners:

In the diverse landscape of education, there exists a group of individuals which exhibits exceptional abilities to grasp and process information at an accelerated rate.

### Procedure to identify the slow and Fast Learners:

The department administers the first internal assessment test following the academic calendar. After the evaluation, students are categorized as slow, medium paced or fast learners, determined by their test scores, and based on insights from subject teachers and local guardians. This procedure should be repeated for each semester, and the progress of these students must be meticulously documented.

- 1. Activities for slow learners:
  - Provision of extra time in time table for problem solving sessions/ revision Session.
  - Assignments in the form of solving previous years examination paper
  - Personal attention and counselling for providing special hints and problem-solving techniques
- 2. Activities for fast learners:
  - Contribution in questionnaire preparation and conduction of case studies.
  - Encouragement to complete NPTEL and similar courses

Advanced assignments or tasks like participation in Seminars/ Conferences/technical events.

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

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

Number of Students		Number of Teachers	
3085		169	
File Description	Documents		
Any additional information		View File	

# 2.3 - Teaching- Learning Process

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

Experiential Learning: In the realm of technical education, active student participation in hands-on activities holds paramount importance.

- 1. Laboratory Sessions: These sessions bridge the gap between theoretical knowledge and practical application.
- 2. Engagement in Mini & Major Projects: Students partake in mini projects, cultivating collaborative group dynamics. Innovative, patented, and granted major projects provide students with an avenue to explore ground-breaking ideas.

- 3. Skill Development Programs and Workshops: These extend hands-on training beyond curriculum.
- 4. Internship: Students acquire proficiency in new tools, concepts, and industry practices.
- 5. Participation in Hackathons/Ideathons: These events stimulates innovative thinking, setting the stage for entrepreneurial aspirations.
- 6. Fostering Self-Learning through MOOCs: Self-directed learning via platforms like MOOCs, NPTEL, and SWAYAM encourages continuous improvement.
- 7.Participative Learning: Participative learning is strategically designed to equip students with industry-ready skills, fostering creativity within collaborative team dynamics.
- 8. National Service Scheme Activities: The NSS club, orchestrates diverse initiatives such as blood donation drives, campus cleanliness campaigns, and environmental conservation.
- 9. Yoga and Wellness Programmes: The "VIKASANA" Club imparts holistic wellness practices through workshops.
- 10.Club Activities: Under the "Susamskriti" cultural club and "Sutantra" technical club, students orchestrate various activities.
- 11.Departmental Forums: "GLUG-MVIT, "InnovECE", "JAIVIK" and "ElectroGreen" empower students to manage clubs independently.

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

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

Leveraging ICT Tools: The institution harnesses the potential of information and communication technology (ICT) for various applications:

Virtual Classrooms: By deploying MS Teams and Google Classrooms, the institution conducts online sessions, assessments, and assignments seamlessly, ensuring continuous communication and engagement in virtual learning environments. These platforms improve the centralized learning.

GNCMS ERP Portal: The institution's ERP portal, powered by GNCMS, serves as a comprehensive platform housing student and alumni information, faculty qualifications, and research details. The portal streamlines essential functions like attendance, assessment, and resource distribution. Our institution's holistic approach, comprising experiential and participative learning methodologies alongside effective use of ICT tools, underscores a commitment to nurturing well-rounded, industry ready graduates.

Personalized Learning: LMS platforms under GNCMS ERP Portal support adaptive learning paths, enabling students to learn at their own pace and receive customized feedback.

Multimedia Tools: Audio-Visual Resources: Tools like YouTube, and Canva allow teachers to create or curate educational videos, presentations, and animations.

### E-Books and Digital Libraries

• Accessible Learning Materials: Digital books and online libraries make reading materials more accessible, offering students a wide range of books, journals, and research papers.

Interactive Features: E-books often come with built-in features such as hyperlinks, videos, and quizzes that enhance learning.

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

# 2.3 - Teaching- Learning Process

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

# 165

File Des	scription	Documents
	l and full time teachers	Full time teachers: View File Students: View File
	rs pertaining to assigning s to mentees	View File
Mentor/	/mentee ratio	View File

# 2.4 - Teacher Profile and Quality

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

# 169

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	Nil
List of the faculty members authenticated by the Head of HEI	View File

# 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc.

# / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

53

File Description
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Any additional information	Nil	
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File	

# 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

# 2.4.3.1 - Total experience of full-time teachers

### 1768

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

### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The Internal Assessment is divided into three phases.

Preparation of Question Paper (QP): Every question paper is enriched with mapped COs, Bloom's Taxonomy levels, POs, PIs and Marks allocation. Following an assessment by the Question Paper Scrutiny Committee, faculties gain authorization to submit the QP and scheme to the Question Paper Dispatch System.

Conduct of Exams: Each semester witnesses the administration of two or three (according to the scheme) Internal Tests, complemented by the assignments. The Final Internal Assessment Marks are determined in adherence to the VTU-prescribed scheme.

The examination process unfolds under the purview of the "Test Cell". This unit is spearheaded by the institution's Principal, with a seasoned professor assuming the role of Chief Exam Controller & a cadre of Exam Coordinators.

IA timetable is disseminated to students in advance of assessment. HODs and senior Professors are designated with Squad Duty, while other faculty members assume Invigilation responsibilities. The room invigilators submit the booklets to the IA coordinators, further verification is done

Evaluation: The faculty do evaluation at central valuation centre within stipulated timeframe. The moderators are appointed based on subject expertise by the HODs. After valuation, and moderation, marks are documented and maintained in central valuation center.

File Description	Documents
Any additional information	Nil
Link for additional information	https://www.sirmvit.edu/wp- content/uploads/2025/05/2.5.1-same-as-SSR- Link.pdf

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

### efficient

Redressal Mechanism for Grievances: Following evaluation and moderation, the booklets are shown to the students for verification of marks and more importantly to make them aware of their mistakes. In case of any discrepancies, students can approach the faculty member for rectification of the same. The faculty make the students aware of the required answer by showing them the question paper and scheme of evaluation. If students are not convinced by the resolution, they are free to escalate the matter to the HOD within 7 days of getting the internal assessment result. Further HOD take concern of the subject teacher and other module coordinator of the department and tries to find whether the evaluation is taken correctly. Accordingly, the HOD takes a decision within 7 days. Thus, the grievance is addressed within 15 days. Also, to make the student grievances transparent a suggestion box is kept at all the departments. Students need not disclose their identity and can put any written message in the box, later it is taken care by the HOD.

File Description	Documents
Any additional information	Nil
I LIUK TOLAGGUUOHAL HIIOHIIAHOH	https://www.sirmvit.edu/wp- content/uploads/2025/05/2.5.2.pdf

# 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.

Defining Programme Outcomes (POs) and Course Outcomes (COs) holds significant importance for any technical institution. While technical POs are generally well-addressed across most courses, careful attention is required for non-technical POs.

Embracing an Outcome Based Education (OBE) approach, the institution focuses on student-cantered teaching and learning. Regular updates are provided to all faculty members to familiarize them with the process of defining Program and Course Outcomes, as well as how to map specific COs to relevant POs and Program Specific Outcomes (PSOs).

The procedural framework involves several steps:

- 1. Syllabus Review: When a new scheme and syllabus are introduced by the University, a comprehensive review is undertaken.
- 2. Course Outcome Identification: The module coordinators and course coordinators work collaboratively to identify the specific COs for each course.
- 3. Mapping COs to POs and PSOs: Each CO is systematically mapped to the corresponding POs and PSOs.
- 4. Gap Identification: Through the collective efforts of the Program Advisory Committee (PAC) and Department Advisory Committee (DAC), the prescribed syllabus is critically analyzed to identify any gaps that might exist.

To cultivate awareness among stakeholders and students, POs and COs are extensively disseminated through various channels.

File Description	Documents
Upload any additional information	View Link
information	https://www.sirmvit.edu/wp- content/uploads/2025/05/2.6.1-Additional- information.pdf

Upload COs for all Programmes (exemplars from Glossary)	View File
---	-----------

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

Attaimment of Programme outcomes and course outcomes is done using two methods: Direct Method of Evaluation: This encompasses both Internal and External Examinations.

Indirect Method of Evaluation: This involves surveys such as Employer Survey, Alumni Survey, and Program Exit Survey.

The calculation of CO-PO attainment involves a structured seven-step process:

- 1. The course instructor defines all COs for the specific course.
- 2. The course coordinator enters the COs-POs-PSOs mapping into the Course Articulation Matrix Assessment tool.
- 3. Cumulative internal assessment marks are aggregated for each student, with marks distribution aligned to the COs in each question.
- 4. A target of 60% is set for each CO, and the average value of CO scores from Continuous Internal Evaluation (CIE) is calculated.
  - 5. PO attainment via University Examination results is also factored in.
- 6. PO and PSO attainment through direct assessment is computed, allocating 60% weight to University Exams attainment and 40% weight to CIE attainment.
- 7. Indirect assessment of PO and PSO is computed through surveys like Alumni Survey, Program Exit Survey, Course Feedback Survey, and Employer Survey.

If CO-PO matching targets are unmet, specific measures are adopted to address these gaps in the subsequent academic year.

File Description	Documents
Upload any additional information	<u>View File</u>
I Pasie link for Addillonal	https://www.sirmvit.edu/wp- content/uploads/2025/05/2.6.2-final.pdf

# 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

### 638

File Description	Documents	
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)		
Upload any additional information	Nil	
Paste link for the annual report	Nil	

# 2.7 - Student Satisfaction Survey

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

https://www.sirmvit.edu/wp-content/uploads/2025/05/SSS.pdf

# 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) 4.0

19

File Description	Documents
Any additional information	Nil
e-copies of the grant award letters for sponsored research projects /endowments	
List of endowments / projects with details of grants (Data Template)	

# 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

28

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

# 3.1.3 - Number of departments having Research projects funded by government and non-government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

6

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	Nil
Supporting document from Funding Agency	View File
	https://vtu.ac.in/en/research-grants https://www.kscst.org.in/english/index.html https://srikem.com/

# 3.2 - Innovation Ecosystem

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

Incubation centers have been established at Sir MVIT, spearheaded by alumnus Mr. Srinivas BV, founder of Aspartika Biotech Pvt. Ltd., which focuses on agri-waste management and production of high-value products like Omega-3 fatty acids for human and animal use. Since 2016, two more startups-Krimmi Biotech and Mallipathra Nutraceuticals Pvt. Ltd.-have been incubated on campus. While Mallipathra works on nutraceuticals derived from rare Himalayan mushrooms (Cordyceps), Krimmi Biotech develops bio-pesticides. These startups are among Karnataka's recognized success stories. These incubation facilities offer a unique platform for students and faculty to collaborate, innovate, and gain practical skills in food, agriculture, pharma, and nutraceuticals. The Institution Innovation Council (IIC) further strengthens this ecosystem by fostering entrepreneurship and innovation. A dedicated NISP Implementation Committee oversees the functioning of the IIC and the Entrepreneurship Development Cell (EDC). To expand collaborative opportunities, the institution has signed MoUs with several organizations. These partnerships facilitate knowledge exchange, research collaborations, and student reinforcing the institution's commitment to nurturing an entrepreneurial and innovation-driven environment.

File Description	Documents
Upload any additional information	View File
raste iiik ioi additioliai	https://www.sirmvit.edu/research-and- development-cell/

# 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

27

File Description	Documents
Report of the event	View File
Any additional information	Nil
List of workshops/seminars during last 5 years (Data Template)	View File

# 3.3 - Research Publications and Awards

- 3.3.1 Number of Ph.D.s registered per eligible teacher during the year
- 3.3.1.1 How many Ph.D.s registered per eligible teacher within the year

8

File Description	Documents
URL to the research page on	https://www.sirmvit.edu/research-and-
HEI website	development-cell/

List of PhD scholars and their	View File	
details like name of the guide,		
title of thesis, year of award etc.		
(Data Template)		
Any additional information	Nil	
•		

# 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

31

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

# 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during year

10

File Description	Documents
Any additional information	<u>View File</u>
List books and chapters edited	View File
volumes/ books published (Data	
Template)	

### 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

During the academic year, Sir MVIT carried out impactful extension activities through its social outreach club SPANDANA and academic departments, aimed at holistic student development and community engagement. These programs fostered empathy, leadership, and civic responsibility among students. A major Medical Camp in December 2022 benefitted 66 underprivileged children, with 82 student volunteers and 10 doctors conducting health checkups, hygiene sessions, and nutritional counselling. In January 2023, a Blood Donation Drive in collaboration with four hospitals led to the collection of 365 units of blood, with over 50 volunteers supporting its execution. To mark World Cancer Day, a Stem Cell Donation Registration Drive in February 2023 created awareness and registered 222 donors. On National Science Day, BE students organized a science exhibition for 131 government school students.

In May 2023, an Outreach Program on Food Science & Nutrition trained 30 rural teachers, with hands-on demonstrations by biotechnology students.

These initiatives enriched students' academic journey while deepening their understanding of real-world challenges. The outcomes underscore the institution's strong commitment to nurturing socially responsible graduates who contribute meaningfully to society.

File Description	Documents
Upload any additional information	View File
	https://www.sirmvit.edu/wp- content/uploads/2025/05/3.44.1-
	Reoprts.pdf

# 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

0

File Description	Documents
Any additional information	Nil
Number of awards for extension activities in last 5 year (Data Template)	
e-copy of the award letters	View File

# 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS, awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20

File Description	Documents
Reports of the event organized	View File
Any additional information	Nil
27 1 6	
Number of extension and	View File
outreach Programmes conducted	
with industry, community etc.	
for the during the year (Data	
Template)	
_	

# 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

1087

File Description	Documents	
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Report of the event	View File	
Any additional information	Nil	Ī
Number of students participating	View File	
in extension activities with Govt.		
or NGO etc. (Data Template)		

### 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

140

File Description	Documents
e-copies of related Document	View File
Any additional information	Nil
Details of Collaborative activities with	View File
institutions/industries for research, Faculty	

# 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

11

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

# INFRASTRUCTURE AND LEARNING RESOURCES

# 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institution has adequate infrastructure and physical facilities for teaching and learning. viz., classrooms, laboratories, computing equipment, etc.

Our institution is situated on a sprawling campus of 133 acres in Bangalore, equipped with state-of-the-art facilities and learning resources designed to achieve academic excellence in alignment with our vision and strategic objectives. The infrastructure and learning resources are categorized as follows:

- Learning Resources: These include the infrastructure and facilities necessary for the library, laboratories, computer labs, classroom teaching, events, meetings, and conferences.
- Support Facilities: Seminar halls

Sophisticated equipment is available in every department to support research and development (R&D). Laboratory facilities are also actively encouraged to be used for R&D purposes. Central facilities, such as a fully-equipped Computer Centre, a Central Library, and campus-wide Wi-Fi connectivity, are available, supported by an internet bandwidth of 500 Mbps.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sirmvit.edu/facilities/

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

The institution is well-equipped with facilities for cultural activities, sports, games (indoor and outdoor), a gymnasium, and a yoga center, ensuring a holistic development environment for students.

### Sports Facilities

The institution boasts a well-maintained and spacious football ground, actively encouraging students to participate in inter- and intra-departmental, college, and university-level sports competitions. Many of our players have excelled at district, university, state, and national levels.

- Outdoor Games: Facilities are available for games such as Kabaddi, Kho-Kho, Handball, Cricket, Football, Tennis, and Basketball.
- Indoor Games: The college offers indoor games like Badminton, Carrom, Chess, and access to a fully equipped gymnasium.

### Cultural Programs

The institution features a spacious auditorium for hosting cultural events. A dedicated cultural committee, headed by senior professors and supported by faculty mentors, organizes a variety of cultural and literary programs throughout the year.

### Yoga and Counseling

A qualified yoga instructor conducts yoga sessions for students during the Induction Program, fostering physical and mental well-being. Additionally, the institution employs a trained psychological counselor to provide guidance and support to both faculty and students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sirmvit.edu/facilities/

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

71

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sirmvit.edu/facilities/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

- 4.1.4 Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)
- 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

### 415.59

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	

# 4.2 - Library as a Learning Resource

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

The Library and Information Centre is centrally located in a spacious, independent block covering an area of 1400.8 square meters across two floors, with a seating capacity of 100 students at a time. As of April 10, 2023, the library houses a collection of 67,803 volumes, including journals. It is equipped with modern facilities and resources, managing knowledge in both print and digital formats. The library supports research scholars, faculty, students, and staff by providing professional assistance in discovering, evaluating, managing, and utilizing scholarly resources.

The collection includes valuable reference materials such as dictionaries, encyclopedias, handbooks, and standards. Additionally, the library has 2,677 CDs/DVDs, technical periodicals, and other audio-visual resources, including

NPTEL content. It is an active member of the VTU Consortium, DELNET, and the National Digital Library of India (NDLI).

To ensure the efficient organization of resources, the library utilizes the "LIBSOFT" library management software, which is regularly updated to meet user needs. A dedicated terminal allows students to check the availability and status of books. The library also employs a web-based system with a Web OPAC (Online Public Access Catalogue) feature, enabling users to access and explore library resources online conveniently.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sirmvit.edu/library/

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

### A. Any 4 or more of the above

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

# 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

# 10 lakhs

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

# 4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

# 4.2.4.1 - Number of teachers and students using library per day over last one year

190

File Description	Documents
Any additional information	Nil
Details of library usage by teachers and students	View File

### 4.3 - IT Infrastructure

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

Our college is equipped with a variety of modern digital and technological facilities. These include two smart classrooms and six digitally equipped seminar halls, in addition to digitally enabled classrooms and laboratories across the campus, featuring Wi-Fi, projectors, and CCTV systems. To enhance English language skills among students and faculty, we have installed the Orell Talk English Language Software and established an English Language Laboratory located in the MBA/BT/MCA block.

Each department operates specialized computer labs, such as the DSP Lab, Power System Simulation Lab, CAD Lab, and Network Lab, among others. Students have access to these facilities for both academic and research purposes. The entire college campus is equipped with Wi-Fi connectivity, offering open access to both students and staff.

The college stores most of its operational information under an ERP system. With an internet speed of up to 500 Mbps, the campus houses over 1058 desktop computers, as well as a sufficient number of scanners and copiers to support students' academic needs. The desktops are periodically upgraded to meet the latest software requirements. Licensed software such as AutoCAD, MATLAB, and OrCAD is regularly updated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sirmvit.edu/facilities/

# **4.3.2 - Number of Computers**

919

File Description	Documents
Upload any additional information	View File
List of Computers	View File

# 4.3.3 - Bandwidth of internet connection in the Institution

A. > 50MBPS

File Description	Documents
Upload any additional Information	NIL
Details of available bandwidth of internet connection in the Institution	View File

# 4.4 - Maintenance of Campus Infrastructure

# 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

415.59

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Sir M Visvesvaraya Institute of Technology, Bangalore, has implemented a maintenance policy to ensure its equipment and infrastructure's efficient operation, safety, and durability. This policy focuses on creating a safe and conducive environment for learning and research while adhering to safety standards. The Maintenance Department oversees scheduling, repairs, compliance, while Heads of Departments (HoDs) collaborate to identify needs and plan activities. Faculty and staff are encouraged to report issues promptly. The policy incorporates preventive maintenance to avoid breakdowns, corrective maintenance for immediate repairs, and predictive maintenance based on data analysis. Maintenance is scheduled during academic breaks to minimize disruptions, prioritizing emergency repairs. Comprehensive records and manuals are maintained for reference, and safety protocols are strictly followed. Regular training for maintenance staff ensures they remain updated on technologies. A designated budget supports equipment upgrades and replacements, while periodic reviews ensure the policy's relevance and effectiveness. The institute aims to provide a safe and efficient environment for all stakeholders through this policy.

File Description	Documents
Upload any additional information	View File

Paste link for additional	https://www.sirmvit.edu/facilities/	
information		
momunon		

# STUDENT SUPPORT AND PROGRESSION

# **5.1 - Student Support**

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

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

1253

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	

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

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

1263

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.sirmvit.edu/5-1-2-capacity-building-

	and-skills-enhancement/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

# 1585

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

### 1585

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

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

### A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	
Upload any additional information	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	

# **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

375

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

# 5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

07

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	Nil
Details of student progression to higher education	View File

# 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

12

File Description	Documents
Upload supporting data for the same	View File
Any additional information	Nil
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

# **5.3 - Student Participation and Activities**

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

### during the year

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

15

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/state/national/international level (During the year) (Data Template)	

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)

Sir M. Visvesvaraya Institute of Technology (Sir MVIT) facilitates student leadership through organized co-curricular and extracurricular activities. An important initiative is "KALAKAUSTUBHA - Ensemble of Technical & Cultural Clubs," which incorporates all student clubs into two wings, Susamskriti (Cultural) under the leadership of Mr. K.V.R. Prasad, and Sutantra (Technical) under Mr. Phaninder Ravi's leadership with Dr. S. K. Uma supervision. Every club is sponsored by a faculty member and consists of four students - two 5th semester students (Secretary and Joint Secretary) and two 3rd semester students - to ensure proper representation and cultivate leadership skills.

The selection of student leaders follows an open merit-based process, and faculty mentors are sourced from the institution based on their subject matter expertise and interest areas. The 15 cultural clubs include Music (SUNAADA), Dance (LAASYA), Fine Arts (KALAKRITI), among others and the 7 technical ones include Robotics, Coding (GLUG), Entrepreneurship (E-Cell), among many others.

Students also interact with professional bodies such as IEEE, IETE, and institutional cells like IIC, ICC. These platforms provide the students with leadership opportunities, experience in managing events, and external interactions which help in all-round development in line with Sir MVIT's vision of inspiring, nurturing innovation, collaboration, and responsible civics.

File Description	Documents
Paste link for additional information	https://www.sirmvit.edu/committees/
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution

# participated during the year (organized by the institution/other institutions)

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

20

File Description	Documents
Report of the event	View File to be given
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

# 5.4 - Alumni Engagement

- 5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services
  - There is registered Alumni Association
  - Alumni Association contributes significantly to the development of the institution by supporting the seminars, student development programmes etc.
  - The 'Alumni Association of Sir MVIT is actively engaged in the College Development Activities .
  - Alumni Lectures will be delivered by the prominent Alumni in all Departments. Every Department has its own Alumni Databases.
  - Alumni helps for the internship, placements and other Student Development activities.

Alumni meeting will be conducted every year

File Description	Documents
Paste link for additional information	https://www.sirmvit.edu/alumni- association/
Upload any additional information	View File

# 5.4.2 - Alumni contribution during

E. <1Lakhs

the year (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

# GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

Under the visionary leadership of the Sri Krishnadevaraya Educational Trust, Sir MVIT has established itself as a premier educational institution. The institute's governance structure is spearheaded by a distinguished governing body, chaired by the President of Sri KET. Comprising esteemed senior trustees, academic experts, the regional officer of AICTE, the Director of Technical Education, and Principal who serves as the member convener, this body oversees the institute's affairs. Institute is deeply committed to its Vision and Mission, prominently displayed on the official website and across campus, ensuring their alignment with academic and administrative practices. These statements guide Sir MVIT in fostering holistic student development, shaping them into responsible citizens, competent professionals and ethical individuals prepared to contribute meaningfully to society. The governance of Sir MVIT is characterized as efficient, transparent and decentralized. Well defined roles and responsibilities, strong academic policies and a cohesive environment enable informed decision making and foster academic excellence. The institute fosters in students a spirit of inquiry and skill building through state-of-the-art facilities and through teaching, learning and research.

File Description	Documents
Paste link for additional information	https://www.sirmvit.edu/vision-mission/
Upload any additional information	View File

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

To foster a culture of decentralization and inclusive decision making, the institute empowers it's stake holders to contribute to its governance. Various committees have been established to promoting a collaborative and participatory approach to institutional development.

- 1. Governing Body: At the apex of administration lies the effective Governing Body, functioning as the supreme administrative body which guarantees the efficient delivery of education, financial sustainability, and quality assurance.
- 2. Academic Leadership by Principal: The Principal assumes a pivotal role in overseeing academic administration. This includes monitoring systems, policies, procedures, and the institution's overall functioning to meet the expectations of regulatory bodies like AICTE and the University.
- 3. Department-Level Academic Leadership: Each department is led by a Head of the Department, responsible for overseeing the seamless execution and evaluation of regular academic activities.
- 4. Institutional level administrative responsibilities:

In addition to the above few HODs are assigned with additional responsibilities to streamline the administrative activities related to Academic Affairs, Students Affairs, Research & Development, Quality Assurance, Corporate and Industrial Relations, Student's activities, Admissions and Marketing, Accreditation and Ranking.

File Descr	ription	Documents
Paste link for additional information	for additional	https://www.sirmvit.edu/wp-
	content/uploads/2025/05/6.1.2-addition-info.pdf	
	on	

Upload any additional information	View File	

# **6.2 - Strategy Development and Deployment**

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

The institutional Strategic/ perspective plan is effectively deployed Sir MVIT's Strategic Development Plan is a robust framework designed to achieve institutional goals by leveraging internal resources and responding effectively to external opportunities and challenges. The strategic plan serves as a roadmap, integrating the institute's mission, vision, values, and long-term aspirations into actionable objectives. The plan focuses a participatory approach, engaging all stakeholders-management, faculty, students, and alumniin the formulation and implementation of the plan. The governance body ensures transparency, accountability, and alignment of the strategic objectives with the institution's vision of becoming a center of excellence in technical and management education. Key Areas of Emphasis Are Academic excellence, research, industry interaction, and outreach. Objectives are targeted with measurable in enhancing teaching-learning processes, promoting publications, building stronger ties with industries, and social responsibility activities. An Implemented Plan Details Custodian accountable for each objective to track accountability. Periodic reviews of the strategic plan redone, ensuring that it aligns with emerging trends and stakeholder expectations. Metrics such as curriculum updates, research output, industry engagement, and alumni involvement are the measures of success. This Holistic Approach ensures that Sir MVIT deploys its strategic plan effectively, steers the institution toward sustained growth and excellence.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	sirmvit.edu/wp-content/uploads/2025/05/6.2.1- Upload-any-additional-information.pdf
Upload any additional information	View File

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

Sir MVIT is administered by the Sri Krishnadevaraya Educational Trust, ensuring a well-structured and efficient governance system. The institution adheres to quidelines and procedures formulated in alignment with the All India Council for Technical Education (AICTE) and its affiliation with Visvesvaraya Technological University (VTU), Belgaum. The Board of Trustees oversees the strategic planning and overall development of the institution, while the Principal manages daily administrative and academic affairs, ensuring smooth operations. To streamline its functioning, Sir MVIT has established various committees, cells, and associations with clearly defined roles and responsibilities. These bodies are integral to the institution's administrative setup, promoting decentralized decision-making and efficient execution of tasks. The Principal, serving as the academic and administrative head, is responsible for overseeing academic, research, and extension activities. Additionally, the Board of Trustees has appointed an Academic Chairman to monitor the academic system across the institution. The institution ensures compliance with service rules ,appointment procedures, and quality standards through its Internal Quality Assurance Cell (IQAC). Regular evaluations of programs, courses, and activities are conducted,

and feedback is implemented systematically. A bottom-up approach in planning and executing academic activities fosters active participation from all stakeholders, enhancing transparency, accountability and institutional efficiency.

File Description	Documents
	https://www.sirmvit.edu/wp- content/uploads/2023/05/Service-Conduct-Rules.pdf
	https://www.sirmvit.edu/wp- content/uploads/2025/05/6.2.2-Organogram.pdf
information	https://www.sirmvit.edu/wp- content/uploads/2023/08/Sample-of-Institute- Policies.pdf

# 6.2.3 - Implementation of egovernance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

### A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e- governance in areas of operation, Administration etc(Data Template)	View File

# **6.3 - Faculty Empowerment Strategies**

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

The imstitution's Management prioritizes the well-being of its human resources by providing a comprehensive range of facilities and benefits. Recognizing the vital contributions of both teaching and non-teaching staff, the Management extends various welfare measures to foster a supportive and vibrant work environment.

### Employee Benefits:

- 1. Medical Coverage: Medical insurance for students and staff.
- 2. Maternity Leave: Paid maternity leave for eligible staff.
- 3. Leave Benefits: Earned leave and vacation for faculty.
- 4. Gym Access: Well-equipped gym for staff.
- 5. Transport Services: Subsidized transportation.
- 6. Staff Quarters: Affordable on-campus housing with minimal maintenance.
- 7. Financial Assistance: Support for attending conferences and presenting papers.
- 8. Discounted tuition fees for employees' children
- 9. ESI and Soft Loans: ESI benefits and soft loans for staff.

These welfare measures not only enhance employee satisfaction and loyalty but also boost morale, encouraging a commitment to excellence in work and responsibilities

File Description	Documents
Paste link for additional information	https://www.sirmvit.edu/facilities/
Upload any additional information	View File

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

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

31

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

# 6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

File Description	Documents
Reports of the Human	Nil
Resource Development	
Centres (UGCASC or other relevant centres).	
,	
Reports of Academic Staff College or similar centers	Nil
Upload any additional information	View File
momation	
Details of professional	View File
development / administrative	
training Programmes	
organized by the University	
for teaching and non teaching	
staff (Data Template)	

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

#### 24

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	Nil
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Sir MVIT has implemented a transparent, comprehensive, and multicentric performance appraisal system to evaluate teaching and nonteaching staff performance. This assessment for encompasses various aspects, including: Academic workload execution Student support activities Research contributions (indexed journal publications, student guided projects, textbook contributions, grants, and patents)

The appraisal process involves the following steps:

- 1. Faculty members submit self-appraisal reports in the prescribed format.
- 2. The Head of Department (HOD) reviews the report, evaluating performance against set criteria and supporting documentation. Identified deficiencies, particularly in teaching abilities, are addressed through counselling and opportunities for improvement.
- 3. The HOD's recommendations are forwarded to the Principal's office for authentication.
- 4. The Principal sends these recommendations to the top management for further action.
- 5. Management uses these inputs to determine promotions and increments transparently.

The institution has a structured appraisal system for faculty, categorized into five areas:

Category I: Teaching, Learning, and Evaluation

Category II: Co-Curricular, Extension, and Professional

Development

Category III: Research and Academic Contributions

Category IV: Contribution to Student Development

Category V: Contribution to Society

This comprehensive appraisal process demonstrates the institution's commitment to fostering excellence, accountability, and faculty

development.

File Description	Documents		
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Paste link for additional information	Service Conduct & Rules.p65	
Upload any additional information	View File	

#### 6.4 - Financial Management and Resource Mobilization

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

The institution has instituted a rigorous auditing system encompassing external audits for all financial transactions. The mechanisms used to monitor effective and efficient use of financial resources are as below:

Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management. College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses.

The expenses will be monitored by the accounts department as per the budget allocated by the management. An exhaustive audit of income and expenditure is conducted by external auditors, contributing to robust financial oversight. Both the books of accounts and supporting documents undergo thorough scrutiny through the external audit practices. It serves to monitor the institution's financial health, ensuring sound financial management. External audits are conducted to ensure adherence to statutory requirements and obligations. Importantly, there have been no significant objections arising from external audits. In line with its commitment to transparency and accountability, the institution publishes its audited financial statements on its official website, ensuring easy access to stakeholders.

File Description	Documents
information	https://www.sirmvit.edu/wp- content/uploads/2023/11/SIGNED-BALANCE-SHEET- COPY.pdf
Upload any additional information	View File

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

# 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs) 0

File Description	Documents	
Annual statements of accounts	Nil	Ì
Any additional information	Nil	]

Details of Funds / Grants	View File	
received from of the non-		
government bodies, individuals,		
Philanthropers during the year		
(Data Template)		
` ' '		l

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

The institution has implemented comprehensive processes and protocols for the strategic planning and allocation of financial resources. The institution's primary revenue source is the annual student fee, collected in accordance with State fee guidelines. Additional funding is secured through various Governmental and Nongovernmental agencies in the form of research grants and consultancy projects. The Management also extends financial support for most activities. The optimal utilization of funds is strategically carried out as follows:

- \* Regular enhancements to academic infrastructure, encompassing classrooms, seminar halls, laboratory equipment, software, hardware, and IT facilities
- \* Allocation of funds to foster research and development initiatives and for augmenting library resources such as subscriptions to books, journals and magazines.
- \* Facilitation of extracurricular activities including sports and games, designed to promote students' physical well-being.
- \* Organization of conferences, workshops, FDPs, and training sessions to ensure high-quality education.
- \* Coordination of student-centric activities like induction programs, technical competitions, cultural events, seminars, workshops and industrial visits
- \* Provision of financial support for faculty members' paper presentations at national and international conferences, seminars, workshops, and research incentive schemes for publishing research papers.

By adeptly mobilizing funds and optimizing resources, the institution is experiencing substantial growth on all fronts while upholding its commitment to quality.

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

#### 6.5 - Internal Quality Assurance System

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

Internal Quality Assurance Cell (IQAC) stablished in the institute on 01/08/2015 has been strategically instituted with the core objective of systematizing and ingraining quality assurance throughout all dimensions of the academic institution's operations. Its primary function is to establish an

internal mechanism that upholds the quality of educational programs, administrative processes, infrastructure, and the overall academic environment which elevate institutional performance and ultimately attain a pinnacle of academic excellence.

- 1. Evaluating the Teaching-Learning Process:
  - IQAC conducts academic audits, reviews curriculum, and evaluates course files and teaching methods, encouraging faculty to adopt innovative techniques that improve student learning.
- 2. Assessing Operational Frameworks and Approaches:
  - Aligned with the Institute's Vision and Mission, IQAC ensures quality in academic and administrative units through quality initiatives, SOPs, and regular committee meetings.
- 3. Monitoring Learning Outcomes:
  - IQAC assesses student performance in curricular and co-curricular areas. Its efforts contributed to consistent university ranks: 3 (2018), 14 (2019, 2020), 13 (2021, 2022), 17 (2023).
- 4. Recording Incremental Enhancements:
  - IQAC documents progress through feedback collection, faculty counseling, industry tie-ups for internships, and increased student programs, workshops, and techno-cultural clubs.
- 5. Facilitating Accreditation and Certifications:
  - IQAC ensures compliance with accreditation standards. Its efforts led to NAAC, NBA accreditations, and improved NIRF and Innovation Council rankings.

File Description	Documents
	https://www.sirmvit.edu/wp- content/uploads/2023/08/C 1.1.1 -22-23-EVENpdf
Upload any additional information	View File

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

After establishing the IQAC in the college, started working towards quality education and inculcating quality culture among the students and staff. The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes as follows:

- Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops, and guest lecturers from industry experts to bridge gap between industry and college curriculum.
- 2. Implementation of Outcome-based learning education in each program.
- 3. Introduces the aptitude classes and soft skill classes for students to enhance personality and employability.
- 4. Participation of college in NIRF, ARIIA, NBA, AISHE, and various other quality audits recognized by the state, national and international agencies.
- 5. Establishment of Institute Innovation Council (IIC) under MHRD.
- 6. Establishing Research and Development cell to promote Research and Development activities.
- 7. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc.

- 8. Establishment of various processes to take feedback/surveys from various stakeholders.
- 9. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.
- 10. Establishment of the Mentor-mentee process and its effective implementation.

File Description	Documents
Paste link for additional information	https://www.sirmvit.edu/accreditations-and- rankings/
Upload any additional information	<u>View File</u>

#### 6.5 - Internal Quality Assurance System

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

#### A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.sirmvit.edu/wp- content/uploads/2023/08/Collaborative-Quality- initiatives-with-other-institutes-1.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

#### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 - Institutional Values and Social Responsibilities

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

The institution is committed to promoting gender equality through fair policies for students, staff, and faculty. A dedicated gender equality committee—comprising staff representatives, a professional counsellor, and a legal consultant—addresses concerns raised by both students and faculty and actively works toward empowering women on campus. The institute supports women's empowerment by offering placement opportunities, including inviting companies like Target that focus on hiring female students.

- a. Safety and Security: The safety of female students is a top priority. CCTV surveillance is installed across classrooms, corridors, and the campus to ensure a secure environment.
- b. Counselling: To support students' emotional and academic well-being, the institute has set up a Local Guardian Committee. Faculty mentors are assigned to groups of students to provide personalized guidance, helping them build confidence, manage stress, and set career goals.
- c. Common Rooms: A well-equipped Amenities Room is available exclusively for female students near the coffee shop. It includes beds, washrooms, and drinking water, offering a comfortable space for rest, especially when unwell. Emergency ambulance services are also accessible when needed.

These initiatives reflect the institution's ongoing commitment to creating a safe, supportive, and inclusive environment for women.

File Description	Documents
Annual gender sensitization action plan	View File
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	View File

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 C. Any 2 of the above

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

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

Our institute implements various waste management practices for handling liquid and solid waste, among others. Each type of waste is treated using specific methods to minimize any negative impact on the health of students and staff. The institute places a strong emphasis on the proper disposal of infectious waste generated by the college. To prevent its spread, waste management is carried out both internally and with the support of external agencies.

Solid Waste Management - Solid waste such as paper, plastics, books, and disposable items like plastic plates and cups used in the canteen have been replaced with reusable steel plates, steel glasses, and paper cups to reduce waste.

Liquid Waste Management - In the institute, wastewater from sanitary facilities is directed to septic tanks located at various points across the campus. Wastewater from the RO plant is diluted and repurposed for gardening.

Biomedical Waste Management - The institute has a Memorandum of Understanding (MoU) with M/s Prajwal BWM Management Systems. Biomedical waste is carefully packed in color-coded bags, in accordance with Pollution Control Board guidelines, and handed over to the agency for proper treatment and final disposal.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

B. Any 3 of the above

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

#### 7.1.5 - Green campus initiatives include

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

- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Batterypowered vehicles
- 3. Pedestrian-friendly pathways

4. Ban on use of plastic Landscaping

B. Any 3 of the above

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

Various policy documents / decisions circulated for implementation	View File	
Any other relevant documents	View File	

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

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

D. Any 1 of the above

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

7.1.7 - The Institution has disabledfriendly, 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 with disabilities persons (Divyangjan) accessible website. screen- reading software, mechanized equipment. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

C. Any 2 of the above

File Description Documents

	Geo tagged photographs / videos of the facilities	View File
	Policy documents and information brochures on the support to be provided	Nil
	Details of the Software procured for providing the assistance	Nil
	Any other relevant information	View File

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

To foster tolerance and harmony across cultural, regional, linguistic, communal, socioeconomic, and other forms of diversity, the institute offers courses such as Constitution of India, Professional Ethics, Environmental Sciences, and sessions in the Language Lab.

The institute organizes a cultural festival called VERVE, featuring events like vocal music, dance, drama, mime, rangoli, and gaming. Winners of VERVE go on to participate in a larger intercollegiate cultural event, KALANJALI, which draws students from other institutions to showcase their talents.

In the area of sports, the institute conducts events such as cricket, football, and volleyball, encouraging participation from both in-house and external students. Our students have won numerous accolades in sports competitions held within the institute and at other colleges.

Additionally, the institute engages in community outreach by educating students from nearby government schools in subjects like computers, physics, and biotechnology. These students are invited to visit the institute's computer lab, physics lab, and biotechnology research lab, providing them with hands-on exposure. This initiative inspires school children and helps them envision future academic and career paths.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

In addition to providing professional education, the institution fosters a sense of unity and community among students through various activities and programs. Faculty members actively organize and encourage student participation in initiatives that promote shared values and responsible practices. Students take part in enriching experiences such as webinars, conferences, expert talks, and Bright Talks, which enhance their awareness and understanding of important societal aspects.

The institute celebrates national festivals by hoisting the flag and inviting distinguished guests to inspire students and staff. These events highlight the

contributions of freedom fighters and emphasize the duties and responsibilities of every citizen. Cultural programs, value-based sessions, and competitions are also organized to promote understanding of traditions, ethics, and civic responsibilities.

The college has established clear policies that reflect its core values. A Code of Conduct is in place for both students and staff, which everyone is expected to follow. The code is accessible through the institute's website. Furthermore, the university curriculum includes mandatory courses such as Professional Ethics and Human Values and Constitution of India. A three-week Orientation Program is also conducted to introduce students to constitutional principles and instill foundational values.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

awareness programmes on Code of

**Conduct are organized** 

C. Any 2 of the above

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

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

The institution places great importance on commemorating events of national significance to instil the ideals of renowned personalities in its stakeholders. One such celebration is Shiksha Parv - Teacher's Day, honouring the contributions of educators.

To mark National Mathematics Day, the Department of Mathematics organized a 3-day Faculty Development Program (FDP) on Innovation in Mathematics and Usage of Modern Tools, and later conducted a 2-day FDP on Coding with Python for Mathematics.

National Science Day, observed annually on February 28, commemorates the discovery of the Raman Effect by Indian physicist Sir C.V. Raman and is celebrated with enthusiasm.

The Department of Biotechnology hosted several awareness and outreach programs, including a one-day event on "Interventions of Modern Technologies Towards Promoting Healthcare" in observance of World Health Day, and a one-day outreach program on "Innovative Techniques in Waste Management" on June 4, 2022, in honour of World Environment Day.

As part of International Yoga Day, a guest lecture on Scientific Perspectives of Yoga and Human Health was also conducted.

Additionally, the institution celebrated Engineer's Day on September 15, 2022, recognizing the contributions of engineers to society.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

#### 7.2 - Best Practices

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

Best Practice 1

Title: Annual Project Exhibition Competition

Objective:

The main objective of the Annual Project Exhibition is to offer students a dynamic platform to present their innovative ideas. These projects can later be refined to address various challenges across social, economic, ethical, and lifelong learning spheres. In addition to individual expression, the exhibition fosters peer learning, as students gain inspiration from one another's creativity. It encourages the development of prototypes and working models, promoting a culture of innovation and problem-solving.

Best Practice 2

Title: Empowering Minds: Nurturing Student Growth Through Clubs, Forums, and

#### Teams

#### Objective:

This initiative aims to create a vibrant and engaging campus environment that supports the holistic development of students. Through active involvement in a wide array of clubs, forums, and teams, students enhance their personal, professional, and social skills. The practice encourages collaboration, leadership, and creativity, contributing to a well-rounded educational experience.

File Description	Documents
Best practices in the	https://www.sirmvit.edu/naac/sirmvit.edu/wp- content/uploads/2023/08/Best-practices- website 7.2.pdf
Any other relevant information	View File

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

#### About IIC

The Ministry of Human Resource Development (MHRD), Government of India, established the MHRD Innovation Cell (MIC) to systematically promote a culture of innovation within Higher Education Institutions (HEIs). The primary goal of MIC is to empower students by encouraging and nurturing their innovative ideas, guiding them to become skilled professionals and creative thinkers during their academic journey.

#### Key Focus Areas of IIC:

- Building a vibrant local innovation ecosystem.
- Enabling startup and entrepreneurship support within HEIs.
- Preparing institutions for the Atal Ranking of Institutions on Innovation Achievements (ARIIA).
- Creating a structured framework for idea scouting and pre-incubation
- Enhancing cognitive and problem-solving skills among students, especially in technology domain

The Institution Innovation Council (IIC) drives innovation in the institute through a variety of initiatives, fostering an environment that supports creativity and knowledge sharing. It organizes workshops, seminars, and interactive sessions with entrepreneurs, investors, and industry experts, helping to form a strong mentor network for aspiring student innovators. Activities such as hackathons, idea competitions, and industry collaborations further enrich this innovation ecosystem.

File Description	Documents
Appropriate web in the Institutional website	https://www.sirmvit.edu/activities-conducted/
L Any other relevant information	https://www.sirmvit.edu/7-3-1-portray-the-performance-of-the-institution/

#### 7.3 - Institutional Distinctiveness

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

To develop successful professionals, Sir MVIT is committed to delivering skill-based, high-quality education while advancing knowledge through research. The following plan of action has been outlined for the upcoming academic year:

- 1. Expand the number of Incubation Centre's within the institute to foster innovation and entrepreneurship.
- 2. Place greater emphasis on research and development by motivating both students and faculty to contribute high-quality research publications.
- 3. Organize events aimed at enhancing students' creative skills, providing them with a platform to exhibit their innovation and talent.
- 4. Launch new academic programs to meet evolving industry and societal needs.

Additionally, the institute plans to strengthen the ICT-enabled teaching and learning infrastructure and establish new facilities for the development of econtent in the coming academic year.