



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Manakula Vinayagar Institute of Technology

- Name of the Head of the institution **Dr .S.Malarkkan**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **04132643002**
- Mobile no **9444348554**
- Registered e-mail **principal@mvit.edu.in**
- Alternate e-mail **contactus@mvit.edu.in**
- Address **Manakula Vinayagar Institute of Technology, Kalitheerthalkuppam, Puducherry - 605 107**
- City/Town **Puducherry**
- State/UT **Puducherry**
- Pin Code **605107**

##### 2.Institutional status

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

- Financial Status **Self-financing**
- Name of the Affiliating University **Pondicherry University**
- Name of the IQAC Coordinator **Dr.R.Valli**
- Phone No. **04132643007**
- Alternate phone No. **04132643002**
- Mobile **9488812693**
- IQAC e-mail address **iqac@mvit.edu.in**
- Alternate Email address **vallirajendran75@gmail.com**

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

<https://mvit.edu.in/>

**4.Whether Academic Calendar prepared  
during the year?**

**Yes**

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

[https://mvit.edu.in/wp-content/Files/Downloads/Acdemic\\_Cal\\_22\\_23.pdf](https://mvit.edu.in/wp-content/Files/Downloads/Acdemic_Cal_22_23.pdf)

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.19</b>	<b>2022</b>	<b>11/10/2022</b>	<b>10/10/2027</b>

**6.Date of Establishment of IQAC**

**15/07/2015**

**7.Provide the list of funds by Central / State Government**

**UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr.S. Arunmozhi	AICTE-ATAL Programme	AICTE	2021	Rs.93,000
Dr.R.Valli	AICTE - MODROB	AICTE	2021	Rs.15,50,000
Dr. R.Valli	AICTE -SPICES	AICTE	2020	Rs.1,00,000
Dr. R. Valli	UBA	MoE	2020	Rs.50,000
Dr. R. Valli	UBA	MoE	2020	Rs.1,00,000
Dr.S.Pariselvam	AICTE-MODROBS	AICTE	2021	Rs.9,00,000
Mr.P.Anandajayam	Endowment lecture	CSI	2020	Rs.3000
Mrs.R.Saranya	Endowment lecture	CSI	2020	Rs.2000
Dr. S. Pariselvam , Mr. A. Sankaran	Research Project	GSK technologies	2020	Rs. 80000
Dr.P.Sivakumar	Endowment lecture	CSI	2020	Rs.1,000
Dr.R.Valli	Seminar	IEEE Madras Section	2019	Rs.5000
Dr.Idhayachandran	Endowment lecture	IEEE	2019	Rs.10,000
Mr. V. Rajesh	Research Project	Corner Stone Engineering Solutions, Puducherry	2019	Rs. 30000
Dr.S.Pariselvam	Endowment lecture	CSI	2020	Rs.5000
Mr.R.Sathish Kumar	Endowment lecture	CSI	2020	Rs.4850
Mrs.I.Varala	Endowment	ISTE	2020	Rs.5000

kshmi	lecture			
Mr.R.Rajbharath	Endowment lecture	CSI	2019	Rs.3000
Mrs.V.Selvi	Endowment lecture	CSI	2019	Rs.4700
Mr.P.Sathiyarayanan & Mr.D.Lubin Balasubramanian	Endowment lecture	CSI	2019	Rs.1500
Mrs.R.Saranya & Mrs.D.Nagamany Abirami	Endowment lecture	CSI	2019	Rs.2000
Mrs.I.Varalakshmi	Endowment lecture	CSI	2019	Rs.2000
Mrs.I.Varalakshmi	Endowment lecture	CSI	2019	Rs.1500
Mrs.V.Selvi	Endowment lecture	CSI	2019	Rs.1500
Mr.A.Sankaran	Endowment lecture	CSI	2019	Rs.1500
Mr.A.Sankaran	Endowment lecture	CSI	2019	Rs.1500
Dr.B.Radjaram	World Environmental day Rally	IE(I)	2019	Rs.15,000
Mrs.Suganya	Energy Club	Renewable Energy Agency, Puducherry (REAP)	2020	Rs.10,000
Dr.R.Valli	EAC Grant on "Entrepreneurship Camp"	Entrepreneurship development of India (ED II-DST-NIMAT)	2019	Rs.20,000

Dr.R.Valli	Seminar	IEEE Madras Section	2019	Rs.2500
Dr.R.Valli	Workshop	Indian Council for Medical Research (ICMR)	2019	Rs.1,00,000
Dr.R.Valli	UBA	MoE	2019	Rs.50,000
Dr.S. Arunmozhi	Endowment lecture	IEEE	2018	Rs.10,000
Mr.V.Rajesh	Research Project	Learny Technology	2019	Rs.25000
Dr.S.Pariselvam	AICTE - PMKVY	AICTE	2018	Rs.1,10,250
Dr.S.Pariselvam	AICTE - PMKVY	AICTE	2018	Rs.1,10,250
Dr.S.Pariselvam	State Level Student Convention	CSI	2019	Rs.25,000
Mrs.R.Saranya	Endowment lecture	CSI	2018	Rs.2000
Mrs.I.Varalakshmi	Endowment lecture	CSI	2018	Rs.2000
Mrs.I.Varalakshmi, Dr.N. Palanivel	Endowment lecture	CSI	2019	Rs.5000
Mr.A.Sankaran	Cartridge Test Station(SDM)	GGRM Innovation Private Limited.	2019	Rs.1,49,624
Mr.M.Suresh	Endowment lecture	CSI	2018	Rs.1500
Ms.A.Punitha	Endowment lecture	CSI	2018	Rs.2000
Dr.B.Radjaram	World Environmental 1 day Rally	IE(I)	2018	Rs.15,188

Mr.Balaji	Energy Club	Renewable Energy Agency, Puducherry (REAP)	2018	Rs.10,000
Dr.B.Radjaram	SCIMIT 19-project Expo	IE(I)	2019	Rs.14,000
Dr.C.Shanmugasundaram	AICTE - PMKVY	AICTE	2018	Rs.1,27,500
Dr.C.Shanmugasundaram	AICTE - PMKVY	AICTE	2018	Rs.1,14,750
Dr.C.Shanmuga Sundaram	Research Project	Greenergy Pvt.ltd. Tamilnadu	2018	Rs.25000
Mr.G.Idhayachandran	Endowment lecture	IETE	2018	Rs.8000
Mr.V.Rajesh	Endowment lecture	IEEE	2018	Rs.15,000
Ms.B.Lakshmi priya	Endowment lecture	IETE	2018	Rs.10,000
Ms.B.Lakshmi priya	Endowment lecture	IEEE	2018	Rs.10,000
Dr.P.Sivakumar	Endowment lecture	CSI	2017	Rs.3000
Mr. P. Mathivanan	Research Project	VEI Technologies	2017	Rs. 40000
Mrs.I.Varalakshmi	Endowment lecture	CSI	2018	Rs.2000
Mr.R.Rajbharath	Endowment lecture	CSI	2018	Rs.2000
Dr.N.Palanivel	Endowment lecture	CSI	2018	Rs.2000
Dr.B.Radjaram	AICTE - PMKVY	AICTE	2017	Rs.1,16,217
Dr.B.Radjaram	World Environmenta	IE(I)	2018	Rs.15,000

	1 day Rally			
Dr.R.Valli	Induction/Re fresher Programme	AICTE	2018	Rs.3,00,000
Dr.C.Shanmuga Sundaram	AICTE - PMKVY	AICTE	2017	Rs.1,27,500
Dr. C. Shanmuga Sundaram	Research Project	Greenergy Pvt.ltd. Tamilnadu	2017	Rs.25000
Dr.D.Saraswathi	Seminar	ICMR	2017	Rs.40,000
Mr. S. Arunmozhi, Ms. B. Lakshmipriya	Endowment lecture	ISTE	2016	Rs.9000
Mr.V.Rajesh	Endowment lecture	ISTE	2017	Rs.10,000
Ms.G.Sharmila, Ms.R.Vaishnavi	Endowment lecture	IETE	2016	Rs.10,000
Ms.S.Karthika	Endowment lecture	ISTE	2016	Rs.9000
Mrs.D.Saraswathi	Endowment lecture	IETE	2016	Rs.15,000
Dr.N.Poonguzhali,Mr.P.Sathiyarayanan	Endowment lecture	CSI	2016	Rs.5000
Dr.N.Poonguzhali	Endowment lecture	CSI	2017	Rs.5000
Ms.A.Punitha	Endowment lecture	CSI	2016	Rs.1500
Dr.B.Radjaram	World Environmenta l day Rally	IE(I)	2016	Rs.20,948
Dr.R.Valli	Seminar	CSIR	2017	Rs.25,000

Dr. S. Arunmozhi	Endowment lecture	IEEE	2022	Rs.10000
Dr. S. Yazhiniyan	Endowment lecture	IETE	2022	Rs.12000
Dr. A. Shankar	Endowment lecture	IEEE	2023	Rs.10000
Mr. V. Rajesh	Endowment lecture	ISTE	2023	Rs.10000
Mr.Raja	Endowment lecture	ISTE	2022	Rs. 10000
Mr.Vijayakumar Bhaskar	Endowment lecture	IEEE	2023	Rs.10000
Mrs.I.Varalakshmi	Endowment lecture	DXC TECHNOLOGY	2023	Rs.5000
Mr.R.Sathish Kumar	Endowment lecture	ICTACT	2023	Rs.5000
Mrs.J.Prabavathi	Endowment lecture	IEEE	2022	Rs. 2500
Dr.P.Sivakumar	Endowment lecture	CSI	2022	Rs. 5000
Dr.A.Meiappane	Endowment lecture	CSI	2023	Rs. 5000
Mrs.J.Prabavathi	Endowment lecture	IEI	2023	Rs. 2500
Mr. S.Rajkumar	Endowment lecture	IEEE	2022	Rs.5000

**8.Whether composition of IQAC as per latest NAAC guidelines** Yes

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year** 6

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been Yes



uploaded on the institutional website?

- If No, please upload the minutes of the meeting(s) and Action Taken Report
- No File Uploaded

**10. Whether IQAC received funding from any of the funding agency to support its activities during the year?** **No**

- If yes, mention the amount

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

1. Excelling in Competitions 2. Appreciable outcomes through projects 3. Initiatives to achieve Sustainable Development Goals 4. Excellence through activities of Professional bodies 5. Innovation, Product Development and Patenting

**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
NIRF- 2022	Participated in NIRF Ranking 2022 in Engineering Category
NBA Accreditation Process	The programs • Computer Science and Engineering • Electronics and Communication Engineering • Information Technology were reaccredited by NBA in Tier-11 for the Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025 Department of Management studies was accredited by NBA in Tier-11 for the Academic Years 2023-2024 to 2025-2026 i.e. upto 30-06-2026
MHRD - Atal Ranking of Institutions on Innovation Achievements (ARIIA)- 2022	Participated in ARIIA rankings
Institutional Ranking	Participated in Rankings of various magazines like India Today-MDRA and Career 360 (AAA)

	<p>under the Best Engineering College Category.</p>
<p>Provide Industry ready Curriculum and syllabi, multidisciplinary skill oriented courses to enhance the employability of the students</p>	<p>? Autonomous Status granted from the Year 2024-25. Autonomy will enable us to design our own courses of study and syllabi, restructure and redesign the courses to suit local/global needs. ? Currently the Institution follows the syllabus prescribed by the Pondicherry University. Senior faculty members of the institution are members of Board of studies of the affiliating University and they actively give their recommendations and suggestions in redesigning the syllabus to cater the changing demands. Value added courses and workshops are conducted to make the students industry ready.</p>
<p>Improve teaching and learning experience of teacher (teaching) and students (learning) and Excelling in Academic Performance</p>	<p>? The institution has effectively implemented student centric learning strategies like experiential, participative and problem solving methodologies. ? Our Institute encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. ? Professional development programs on LMS tools, Innovation and design Thinking, Effective class room management etc., are regularly being conducted by the Outcome Based Education coordinator for the faculty members to diversify their teaching strategies to cater the different learning styles. All these methodologies adopted have made an impact in the academic performance of the</p>

	students.
Bridge the gap between theoretical learning and practical Implementations	<ul style="list-style-type: none"> <li>• Departments regularly organize Guest Lectures /Seminars/Workshops by industrial experts to bridge the gap</li> <li>• Competitions are conducted regularly at departmental level and also institutional level. Students are encouraged and guided to participate in various competitions and hackathons</li> <li>• Project expo is conducted every year.</li> </ul>
Promote Research Culture and Collaborative quality initiatives with other institutions	<p>? Research papers published in reputed journals and conferences have increased significantly. ? Institution also conducts IEEE sponsored International conference ICSCAN every year since 2018. ? Applied for research funding to various funding agencies/schemes. ? Secured external research grants from government agencies, industries, and funding organizations.</p>
Fostering Innovation, Promoting entrepreneurship and skill development	<p>? Atal Community Innovation centre has been granted, through which the institution has planned to provide community innovation space to innovators and startups, handholding, prototyping, validation, POC, precommercial versions, software development and other services required for start-ups. ? IGNITE SKYLABS - an incubated start-up by our Alumni is functioning successfully in the institution premises. ? The Entrepreneurship development cell, Innovation Club and Idea club organizes many programs to inculcate the entrepreneurial culture among</p>

	<p>the students. ? MVIT - CoE seven Centres of Excellence in collaboration with Google, IBM, Texas Instruments, Autodesk, Eplan, CISCO, Microsoft. The Centre of Excellence channelizes the knowledge &amp; skill and creates a synergistic combination capable of improving the problems solving skills.</p>
Protection of Innovation	<p>Seminars are conducted for the students and faculty members on intellectual property rights, including patents and copyrights. The number of patents filed by students, faculty and the institution has considerably increased over the years.</p>
Increased Collaboration with Industries	<p>MoUs with Industries were signed and various activities such as Guest Lectures/Workshops are conducted to the students. Students also undergo Inplant Training and Internships.</p>
Capacity building and skills enhancement initiatives	<p>Trainings on Soft skills, Language and Communication skills, ICT/computing skills are conducted by the Training and Placement cell in association with various training partners and language club. Life skills (Yoga, physical fitness, health and hygiene) trainings are conducted by the NSS cell.</p>
Students Involvement in Professional Chapter Activities	<p>The students chapters of professional bodies such as SAE, CSI, IETE, ISTE, IEEE, IE(I), NIQR,ISHRAE etc., conduct many activities which are coordinated by student representatives.IIC activities also involve the students .</p>

<p>Promote Ethical Awareness , Cultivate Moral Values, Gender Equity and Foster Social Responsibility</p>	<p>Orientation program was conducted for the first year students. Universal Human values (UHV) sessions were handled by the UHV certified faculty members. The program reflected in the ethical behavioural pattern of the students. Women Empowerment Cell organizes various workshops, lectures and awareness programmes for their safety, security and healthiness. International Women's Day -2023 was celebrated in a grand manner in the institution. The cell also conducts various outreach programmes for the benefit of rural women in the locality. The Institute has a ICC/Prevention of Sexual Harassment (POSH) Cell that takes care of woman and students on sexual harassment.</p>
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13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
<b>Governing Body</b>	<b>11/08/2023</b>

14. Whether institutional data submitted to AISHE

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	Manakula Vinayagar Institute of Technology
• Name of the Head of the institution	Dr.S.Malarkkan
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04132643002
• Mobile no	9444348554
• Registered e-mail	principal@mvit.edu.in
• Alternate e-mail	contactus@mvit.edu.in
• Address	Manakula Vinayagar Institute of Technology, Kalitheerthalkuppam, Puducherry - 605 107
• City/Town	Puducherry
• State/UT	Puducherry
• Pin Code	605107
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	Pondicherry University

• Name of the IQAC Coordinator	Dr .R.Valli				
• Phone No.	04132643007				
• Alternate phone No.	04132643002				
• Mobile	9488812693				
• IQAC e-mail address	iqac@mvit.edu.in				
• Alternate Email address	vallirajendran75@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://mvit.edu.in/">https://mvit.edu.in/</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://mvit.edu.in/wp-content/Files/Downloads/Acdemic_Cal_22_23.pdf">https://mvit.edu.in/wp-content/Files/Downloads/Acdemic_Cal_22_23.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.19	2022	11/10/2022	10/10/2027
<b>6.Date of Establishment of IQAC</b>			15/07/2015		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr.S. Arunmozhi	AICTE-ATAL Programme	AICTE	2021	Rs.93,000
Dr.R.Valli	AICTE - MODROB	AICTE	2021	Rs.15,50,000
Dr. R.Valli	AICTE -SPICES	AICTE	2020	Rs.1,00,000
Dr. R. Valli	UBA	MoE	2020	Rs.50,000
Dr. R. Valli	UBA	MoE	2020	Rs.1,00,000
Dr.S.Parise lvam	AICTE-MODROBS	AICTE	2021	Rs.9,00,000
Mr.P.Anandajayam	Endowment lecture	CSI	2020	Rs.3000
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hKumar	lecture			
Mrs.I.Varalakshmi	Endowment lecture	ISTE	2020	Rs.5000
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Mrs.Suganya	Energy Club	Renewable Energy Agency, Puducherry (REAP)	2020	Rs.10,000
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	eneurship Camp"	develoment of India (E DII-DST- NIMAT)		
Dr.R.Valli	Seminar	IEEE Madras Section	2019	Rs.2500
Dr.R.Valli	Workshop	Indian Council for Medical Research (ICMR)	2019	Rs.1,00,000
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Ms.S.Karthi ka	Endowment lecture	ISTE	2016	Rs.9000
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Dr. A. Shankar	Endowment lecture	IEEE	2023	Rs.10000
Mr. V. Rajesh	Endowment lecture	ISTE	2023	Rs.10000
Mr.Raja	Endowment lecture	ISTE	2022	Rs. 10000
Mr.Vijayakumar Bhaskar	Endowment lecture	IEEE	2023	Rs.10000
Mrs.I.Varalakshmi	Endowment lecture	DXC TECHNOLOGY	2023	Rs.5000
Mr.R.Sathish Kumar	Endowment lecture	ICTACT	2023	Rs.5000
Mrs.J.Prabavathi	Endowment lecture	IEEE	2022	Rs. 2500
Dr.P.Sivakumar	Endowment lecture	CSI	2022	Rs. 5000
Dr.A.Meiappane	Endowment lecture	CSI	2023	Rs. 5000
Mrs.J.Prabavathi	Endowment lecture	IEI	2023	Rs. 2500
Mr. S.Rajkumar	Endowment lecture	IEEE	2022	Rs.5000

**8.Whether composition of IQAC as per latest NAAC guidelines**

**Yes**

<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>6</b>
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<p>1. Excelling in Competitions 2. Appreciable outcomes through projects 3. Initiatives to achieve Sustainable Development Goals 4. Excellence through activities of Professional bodies 5. Innovation, Product Development and Patenting</p>	
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
<b>NIRF- 2022</b>	<b>Participated in NIRF Ranking 2022 in Engineering Category</b>
<b>NBA Accreditation Process</b>	<b>The programs • Computer Science and Engineering • Electronics and Communication Engineering • Information Technology were reaccredited by NBA in Tier-11 for the Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025 Department of Management studies was accredited by NBA in Tier-11</b>

	for the Academic Years 2023-2024 to 2025-2026 i.e. upto 30-06-2026
MHRD - Atal Ranking of Institutions on Innovation Achievements (ARIIA)- 2022	Participated in ARIIA rankings
Institutional Ranking	Participated in Rankings of various magazines like India Today-MDRA and Career 360 (AAA) under the Best Engineering College Category.
Provide Industry ready Curriculum and syllabi, multidisciplinary skill oriented courses to enhance the employability of the students	? Autonomous Status granted from the Year 2024-25. Autonomy will enable us to design our own courses of study and syllabi, restructure and redesign the courses to suit local/global needs. ? Currently the Institution follows the syllabus prescribed by the Pondicherry University. Senior faculty members of the institution are members of Board of studies of the affiliating University and they actively give their recommendations and suggestions in redesigning the syllabus to cater the changing demands. Value added courses and workshops are conducted to make the students industry ready.
Improve teaching and learning experience of teacher (teaching) and students (learning) and Excelling in Academic Performance	? The institution has effectively implemented student centric learning strategies like experiential, participative and problem solving methodologies. ? Our Institute encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. ? Professional

	<p>development programs on LMS tools, Innovation and design Thinking, Effective class room management etc., are regularly being conducted by the Outcome Based Education coordinator for the faculty members to diversify their teaching strategies to cater the different learning styles. All these methodologies adopted have made an impact in the academic performance of the students.</p>
<p>Bridge the gap between theoretical learning and practical Implementations</p>	<ul style="list-style-type: none"> <li>• Departments regularly organize Guest Lectures /Seminars/Workshops by industrial experts to bridge the gap</li> <li>• Competitions are conducted regularly at departmental level and also institutional level. Students are encouraged and guided to participate in various competitions and hackathons</li> <li>• Project expo is conducted every year.</li> </ul>
<p>Promote Research Culture and Collaborative quality initiatives with other institutions</p>	<p>? Research papers published in reputed journals and conferences have increased significantly. ? Institution also conducts IEEE sponsored International conference ICSCAN every year since 2018. ? Applied for research funding to various funding agencies/schemes. ? Secured external research grants from government agencies, industries, and funding organizations.</p>
<p>Fostering Innovation, Promoting entrepreneurship and skill development</p>	<p>? Atal Community Innovation centre has been granted, through which the institution</p>



	<p>has planned to provide community innovation space to innovators and startups, handholding, prototyping, validation, POC, precommercial versions, software development and other services required for start-ups. ? IGNITE SKYLABS - an incubated start-up by our Alumni is functioning successfully in the institution premises. ? The Entrepreneurship development cell, Innovation Club and Idea club organizes many programs to inculcate the entrepreneurial culture among the students. ? MVIT - CoE seven Centres of Excellence in collaboration with Google, IBM, Texas Instruments, Autodesk, Eplan, CISCO, Microsoft. The Centre of Excellence channelizes the knowledge &amp; skill and creates a synergistic combination capable of improving the problems solving skills.</p>
Protection of Innovation	<p>Seminars are conducted for the students and faculty members on intellectual property rights, including patents and copyrights. The number of patents filed by students, faculty and the institution has considerably increased over the years.</p>
Increased Collaboration with Industries	<p>MoUs with Industries were signed and various activities such as Guest Lectures/Workshops are conducted to the students. Students also undergo Inplant Training and Internships.</p>
Capacity building and skills	<p>Trainings on Soft skills,</p>

enhancement initiatives	Language and Communication skills, ICT/computing skills are conducted by the Training and Placement cell in association with various training partners and language club. Life skills (Yoga, physical fitness, health and hygiene) trainings are conducted by the NSS cell.
Students Involvement in Professional Chapter Activities	The students chapters of professional bodies such as SAE, CSI, IETE, ISTE, IEEE, IE(I), NIQR, ISHRAE etc., conduct many activities which are coordinated by student representatives. IIC activities also involve the students .
Promote Ethical Awareness , Cultivate Moral Values, Gender Equity and Foster Social Responsibility	Orientation program was conducted for the first year students. Universal Human values (UHV) sessions were handled by the UHV certified faculty members. The program reflected in the ethical behavioural pattern of the students. Women Empowerment Cell organizes various workshops, lectures and awareness programmes for their safety, security and healthiness. International Women's Day -2023 was celebrated in a grand manner in the institution. The cell also conducts various outreach programmes for the benefit of rural women in the locality.  The Institute has a ICC/Prevention of Sexual Harassment (POSH) Cell that takes care of woman and students on sexual harassment.

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Governing Body	11/08/2023
<b>14. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2023	24/04/2023
<b>15. Multidisciplinary / interdisciplinary</b>	
<p>Our vision is to create skillful innovators and one of our missions aim to serve the society through technical intervention. This could be possible only by educating multidisciplinary knowledge and its applications to students. Our institute has been conferred autonomous status from the academic year 2024-25. This will enable us to frame syllabus and curriculum as per the global requirements thereby imparting multidisciplinary skills / knowledge. Currently, the institute has instilled our faculty to integrate Problem based learning, critical thinking and use of creativity to approach the concepts related to Science, Mathematics and Technology right from the first year of the programme. Special lectures are delivered by Faculty members to enlighten the students, on niche areas in Science and technology. Our Institute follows CBCS curriculum designed by Pondicherry University, which include Theory, practical and project based courses. Apart from the curriculam our Institute encourages students to take up multi-disciplinary Mini projects addressing Community requirements. Our Institute also offers Value Added Courses with syllabi framed by our faculty members to cater the multi-disciplinary talents as per the requirements of the Industries. Extra Curricular, Extension activities like Traffic Awareness Rallies, Environmental awareness rallies, etc., are organized by our Institute which is also actively involved in government's initiatives like Unnat Bharat Abhiyan, Swachh Bharat Abhiyan, etc., for community engagement and service. Institution has Innovation Club, Idea Club and Venture Club to inculcate the culture of multi-disciplinary research, addressing societal problems with appropriate solutions. Our Institute has also been</p>	

sanctioned ATAL Community Innovation Centre which will also aid to substantiate the community engagement. Our Institute observes days of National and International significance every year. SCIMIT - A National Level Project Expo /Competition is organized on Science day, for recognizing / appreciating projects on multidisciplinary domains. Students' teams comprising of members from various disciplines are formed and mentored by Research and Development (R&D) coordinators to give constructive outcomes with multi-disciplinary implications and applications.

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

The institution has registered in nad.digilocker.gov.in. Further steps have been taken to upload the certificates like degree certificates and Marksheets provided by our Affiliating University in the digilockers. With the autonomous system in place and with the implementation of NEP, the institute will provide the students accomplishments in the NAD facility. Awareness sessions on ABC is being conducted to all the students and faculty members of the institution. This facility will allow (1) students to learn the best courses of their interest (2) Easy migration between universities and also will enable students to learn at their own pace. As a step forward towards achieving these goals, students of our institution are encouraged to take up online courses in NPTEL, Swayam etc., The institute has signed MoU partnership with London School of Digital Business (LSDB), United Kingdom (UK). LSDB would work on familiarizing the MBA students with the Digital Marketing and related online courses available with them. LSDB would also give the students access to the LSDB's own portal which might help in their career growth. Recently, a batch of students have pursued Foundation Course in Digital Marketing, with LSDB and have received International Certification. LSDB hosted more than two International webinars with the International resource persons and participants, in the name of our Institute. LSDB as part of their study program might give internships / project work / assignments to the MBA students, in the future years.

#### **17.Skill development:**

Our Institution aims at providing quality education through its value added courses combining class room centered formal education and training with experience sharing of Industry practitioners through industry supported center of excellence and internships in leading MNCs. The focus is towards integrated knowledge acquisition and upgrading human skill towards creating a new league of employable youth. Our Value added courses are

designed in such a way to mould the students thoroughly conversant with the application of tools and techniques of current industrial need in order to align with the Government of India's National Skills Qualification Framework (NSQF) and requirements of Industry 4.0. Students of MVIT are presently being given hands-on exposure to practical subjects apart from curriculum with current industrial requirement through mini projects in which students improve their practical skills towards developing some mini-projects. Our Institution is also providing value based education to inculcate positivity among students to develop holistic, ethical, human values by conducting motivational session and lectures by various experts. In association with Sahaja Yoga center, Puducherry all students are being introduced to human values of truth, righteous conduct, scientific temper and inner peace by conducting Sahaja yoga practices and motivating them to practice human values in their life. One credit course on Professional Ethics is available in their final year to learn the industry acts, ethical and moral values to be followed in various industry. The introduction of value added courses on skill Development is mandatory to all students to impart awareness and knowledge about emerging trends with the extensive technological skills and self-understanding to think and accomplish innovations to inaugurate a lucrative career. Intensive soft skill training programmes for the students in various facets of soft skill are arranged in association with leading training institutes are introduced from second year to improve their soft skill performance to thrive in their career. The institute has dedicated Innovation cell which conducts competitions and training sessions on latest technical thrust areas to assist students and also encourage young talented minds by providing them a perfect platform for showcasing their talents, working together as teams and participate in various competitions. This cell helps to nurture the students' ideas and encourage them to excel in the career. In order to improve multi disciplinary interest among students from each department, one faculty mentor and 5 students are formed as a group. This group will work on interdisciplinary product development, creative design ideas in various fields of engineering and cultivate an urge amongst the students to work together as teams.

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

The preservation and promotion of India's cultural wealth must be considered a high priority for the country, as it is truly important for the nation's identity as well as for its economy.

Our Institution encourages the teachers to use the native language also in the classrooms to make the concepts easily understandable by all. Students wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Our institution would conduct periodic training to all our faculty on handling the classes in bilingual mode. The effectiveness will be analyzed in the QAC meetings and academic audit and corrective measure will be taken for improvement. The Union Territory of Puducherry comprises of former French establishments of Puducherry (Tamil Nadu), Karaikal (Tamil Nadu), Mahe (Kerala), Yanam (Andhra Pradesh) falls under its territory. The students hail from all these 4 regions to pursue their education and the college organizes two sessions in a month set apart exclusively for cultural activities. The library has a section for selected collection of literature and reference books to impart Indian language & culture to students and faculty members. Yoga and other traditional physical activities have been part of our curriculum. Good practices of the institution pertaining to the appropriate integration of Indian Knowledge system (teaching in regional Language, culture, using online courses) in view of NEP 2020 are, (1) Activity based teaching. (2) Learning through social interventions.

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

The process of implementing OBE was adopted in all the departments from the year 2015 and Four departments in our institution are accredited by NBA. Faculty members define measurable, achievable and specific course outcomes for their courses and map the Course outcomes in accordance with the Program outcomes as prescribed by the Washington Accord for the undergraduate and Postgraduates. The realization of the OBE is done by evaluating the attainments of course outcomes and Program Outcomes regularly for every batch of students and corrective measures are taken thereof. The institute has an Academic Guidelines manual which engulfs all the methodologies to implement OBE. There is a steering committee at department level to implement OBE which performs Academic audits and Quality assessments on the teaching and learning practice followed by individual teachers. The faculty members have been trained to follow various blended learning approaches in teaching to ensure the effectiveness of the OBE. The departments have identified the curricular gaps and bridges the gaps through various activities like guest lectures, special lectures, workshops and Value-added



courses. Further the departments have a Department Advisory Committee which monitors the effectiveness of OBE and provides guidance for improvements. Faculty members are trained regularly on the OBE implementation with the help of internal and external experts. Also a Coordinator is appointed for OBE implementation to realize the vision of NEP 2020.

## 20.Distance education/online education:

In view of aiding the vision of MoE in bringing up the GER of our state, the institute is making all possible means to bring up the culture of providing online education. Faculty are trained in various LMS tools like Canvas, Moodle etc. Regular Faculty development programs on usage of ICT tools for various remote learning is provided to all our faculty members. Faculty members are trained in providing Online lectures and are experts in usage of video conferencing tools. The institute has also invested in various ICT tools like Web cameras, Digital pens and smart boards to handle online courses. Further the Institute has expertise in organizing vocational courses and it is evident from the implementation of PMKVY and DDUGKY schemes by the institute. Faculty members have already prepared video lectures for many courses that they taught through LMS portals for students self preparation. Almost all the faculty members of our institution are using Virtual labs provided by various premier institutes in India for teaching practical courses and tools like Tinker cad are also used for remote teaching. Faculty members use various tools like Quizizz.com, Edpuzzle, edted , Kahoot, flip grid for giving online assignments to the students and implementing blended learning approach. Usage of OER resources for simulation and implementing project based learning are some of the best practices being followed to exhibit the blended learning approaches. Value added courses on Innovation and IPR are being provided through online self paced courses with the help of LMS tools.

## Extended Profile

### 1.Programme

1.1

626

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

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

**2.Student**2.1 **2251**

Number of students during the year

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

2.2 **836**Number of seats earmarked for reserved category as per GOI/  
State Govt. rule during the year

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

2.3 **458**

Number of outgoing/ final year students during the year

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

**3.Academic**3.1 **186**

Number of full time teachers during the year

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

3.2 **186**

Number of sanctioned posts during the year



## Extended Profile

### 1. Programme

1.1	<b>626</b>
Number of courses offered by the institution across all programs during the year	

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

### 2. Student

2.1	<b>2251</b>
Number of students during the year	

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

2.2	<b>836</b>
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

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

2.3	<b>458</b>
Number of outgoing/ final year students during the year	

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

### 3. Academic

3.1	<b>186</b>
Number of full time teachers during the year	

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

3.2	186
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	47
Total number of Classrooms and Seminar halls	
4.2	166.79
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	681
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

Our Institute is affiliated to Pondicherry University and follows the curriculum framed for affiliated colleges. Our senior faculty members being the members of Board of studies (BOS) are involved in the revision of curriculum and syllabus. Academic planning committee prepares the academic calendar based on the university academic schedule. Based on this, department academic calendar is prepared. Timetable including hours for classes, special lectures, sports, library, seminars, practical's etc., are prepared and finalized by the timetable committee. Each faculty member prepares lesson plan and course information sheet with outcomes. Teachers deliver the lectures through blended and student centric learning. For laboratory courses, working model, charts, animation, virtual labs, etc., are used.

Feedback from the students is collected twice a semester. Quality Circle Meeting (QCM) is conducted twice a semester after



submission of record note. Model practical Examination is conducted at the end of the semester after completing all the experiments of the Practical course.

For Project courses, three internal project reviews are conducted as per the schedule of the academic calendar.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c1/1_1_2/1_1_2_additional.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c1/1_1_2/1_1_2_additional.pdf</a>

### 1.1.3 - Teachers of the Institution

A. All of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

12

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

## 1.2.2 - Number of Add on /Certificate programs offered during the year

### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

62

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

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

2251

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

## 1.3 - Curriculum Enrichment

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

### Professional Ethics

This is addressed by the inclusion of the course on the Professional ethics in the curriculum. The course deals with Engineering Ethics, Code of Ethics, responsibilities and rights etc., The activities for this subject include discussions,

presentations and case studies focusing on ethical concerns.

#### Gender

Boys and girls are given equal preference in all aspects. The gender inequality if any is addressed by the Grievance redressal cell of the institution.

#### Human Values

Universal Human Values programme in the name of Student Induction Program (SIP) is conducted every year in our institution to the freshers to help them in the development of worldview, mindset, perspective and values. The outcome of this is reflected by the students participation in various societal activities such as Blood donation camp, Eye checkup camp, Flood Relief, adoption of village - UBA, Rallies for awareness on Environment, Energy conservation, Health etc.

#### Environment and sustainability:

It is the key strategy against the backdrop of the growth of human.

- Environmental preservation initiatives through Unnat Bharat /Jal Sakthi Abhiyan are taken at our Institution.
- Various activities under Energy Club, ISTE, IEI, ISHRAE, NIQR, IEEE, etc. are undertaken
- NSS activities such as health awareness, safety awareness and environment protection

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

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

585

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

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

2251

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

## 1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the **A. All of the above**

**institution from the following stakeholders****Students Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	<a href="https://mvit.edu.in/feedback/">https://mvit.edu.in/feedback/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://mvit.edu.in/feedback/">https://mvit.edu.in/feedback/</a>

**TEACHING-LEARNING AND EVALUATION****2.1 - Student Enrollment and Profile****2.1.1 - Enrolment Number Number of students admitted during the year****2.1.1.1 - Number of students admitted during the year**

836

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

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)****2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

836



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

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution has a well-defined process for monitoring and assisting the bright and slow learners.

**Slow Learners:** Students who scored below 50% marks in three or more subjects in internal assessment (IA) tests/ having more than 2 arrears in University Exam results are identified as slow learners. After completion of each test, slow learners are advised and counselled by the mentors. Special classes after college hours and exam oriented coaching classes with simplified study materials are arranged for slow learners. Special coaching classes are conducted to clear the arrear subjects before the University Examinations.

**Impacts Observed:** Improved performance in the internal assessment examinations and University Examinations. The number of students clearing the previous arrear papers has increased substantially.

**Bright Learners:** Students who scored above 70% marks in all subjects in IA tests/ high academic track records in the semesters are identified as academically Bright students. Bright students are encouraged to go beyond the syllabus and exhibit their knowledge and skills through participation in International & National level competitions, seminars, paper presentations and Conferences. Academic Toppers in every semester are awarded with merit certificates and prizes.

**Impacts Observed:** Appreciable performance in academics and co-curricular activities. University ranks/placements have increased remarkably.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Slow_Advanced_Learners_SOP.pdf">https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Slow_Advanced_Learners_SOP.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
2251	186

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

## 2.3 - Teaching- Learning Process

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

### EXPERIENTIAL LEARNING

Faculty members readiness in handling practical courses is ensured by QAC. Lab manual is prepared and given to the students for their reference. Continuous assessment is done and experiments beyond curriculum are encouraged. Students of II and III year carry-out mini project. Project batches are formed based on the student's category i.e. advanced, average and slow learners. Every batch has an advanced, one average and a slow learner. Regular review meetings are conducted. The students publish their project work in journals/conferences or apply for patents.

The Faculty Specialization Group (FSG) groups in every department conduct minimum 1 workshop to provide hands-on training. Students are motivated to undertake inplant training/Internship in industries related with their domain.

### PARTICIPATIVE LEARNING

It is encouraged through Guest lectures, Special lectures, Value added courses, Industrial Visits, Seminars, Quiz sessions, Tutorial classes, Participation in workshops / symposiums/

Conference, Certifications Courses, Club/chapter activities, soft skills training, Career Guidance programs etc.,

#### PROBLEM SOLVING METHODOLOGIES

Institution provides guidance and support to participate in various national and international level contests. The IIC of our institute arranges for various activities promoting innovation, design thinking, and product development. Various brainstorming sessions are conducted. Critical thinking assignments are given for each course.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Downloads/revised_academic_guidelines_june_1_2022.pdf">https://mvit.edu.in/wp-content/Files/Downloads/revised academic guidelines june 1 2022.pdf</a>

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

Our teachers improve the quality of education by using ICT-enabled tools for an efficient teaching-learning process. ICT, encompasses a wide range of software tools and digital infrastructures. Learning management systems (LMS) like Moodle and Google Classroom, video conferencing apps like Zoom and Google Meet, interactive whiteboards, online resources from Coursera and NPTEL, simulation tools, virtual labs, and online assessment tools are a few examples of ICT tools that are frequently used for teaching and learning. These resources improve accessibility, interactivity, and engagement in the learning process. Further teachers are trained to use Collaborative Platform Tools like Padlet, Google Docs, Flipgrid to encourage collaboration and discussion outside the classroom. Teachers also use websites like Khan Academy, Coursera and TED-Ed which offer a wealth of educational videos and resources that supplement or replace traditional textbooks, allowing students to explore contents at their own pace. Further faculty also use Open Educational Resources (OER) for simulation through Phet simulation, Project Gutenberg and so on. Platforms such as Quizizz, Google forms, Quizlet, Mentimeter provide interactive quizzes and instant feedback, allowing teachers to assess students understanding level before the lecture session and

adjust their in-class activities accordingly.

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

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

185

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

### 2.4 - Teacher Profile and Quality

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

186

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

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

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

42

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

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

#### 2.4.3.1 - Total experience of full-time teachers

1720

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

## 2.5 - Evaluation Process and Reforms

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

MVIT has a meticulous examination cell, led by a senior Professor as the Coordinator alongside Department coordinators. Their duties span the orchestration of assessments, timely communication with students and faculty, and the seamless receipt of question papers. The institution adheres rigorously to the assessment procedures outlined by the affiliating university, with a structured weightage—25% for continuous internal assessments and 75% for end-semester exams.

The examination schedule is well-organized, featuring two internal assessments (IA) and one model exam per semester. This aligns with the academic calendar synchronized with the university's timeline, ensuring transparency. Question paper setting is a meticulous process, with IA papers comprising ten 2-mark questions and three 10-mark questions, lasting 100 minutes. Model exam papers mirror the university's format,

designed to gauge students' diverse knowledge levels.

The evaluation process is swift, with answer scripts appraised within two days. QAC guarantees the standard, and students with lower scores receive counselling and special coaching, with retests for betterment. Practical courses are evaluated through regular sessions and model practical exams, while projects undergo scrutiny via periodic reviews. Performance updates are communicated to parents and meetings are conducted for followup.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Downloads/OBE_manual.pdf">https://mvit.edu.in/wp-content/Files/Downloads/OBE_manual.pdf</a>

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

- Each Department has a Quality Circle Committee (QCC) comprising of faculty and student members for each class. QCC meeting is conducted twice in a semester. Members express their views on Department activities, academic progress like syllabus coverage, teaching methodology, evaluation process etc.,
- The QAC team ensures the standard of the question and also the fairness & transparency in the evaluation of scripts on verification.
- The students with grievances in the evaluation process are free to approach the respective incharges for the redressal. The students can also approach the Head of the department if their grievances are not resolved.
- Students are permitted to take-up retests for improving their internal assessment marks.
- For any grievances in end semester examinations, the students apply for revaluation as per the procedure of the affiliating university.
- Other types of grievances like data missing in the question papers, question from out of syllabus, printing errors etc., are communicated to the Controller of Examinations, Pondicherry University, by the respective course in-charges through proper channel.
- Every course in-charge submits the comments about their

University examination question paper after their Examination to the exam cell.

- University examination portal related grievances of the students are taken care by the Examination cell.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Student_Performance_Assessment_SOP.pdf">https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Student_Performance_Assessment_SOP.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

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

### Course Outcomes (COs)

The course in-charges frame COs before the starting of academic session. The course outcomes are framed in such a way that, it is specific, measureable and achievable. Based on the course outcomes, the course in-charges plan their activities and assessment methods which in turn addresses the Vision, Mission, PEOs, POs and PSOs of the department. QAC team verifies the COs, adherence of COs to Blooms taxonomy, the proper usage of action verbs and its feasibility in attainment.

The students are informed about course outcomes, at the beginning of each semester.

The COs are displayed in Lesson plan, Course Information sheet, Course file documents and question papers.

Course in-charges use activities such as guest lectures, mini projects, special lectures, workshops, Industrial visit , Online Courses, quiz, seminars, assignments, group activities, etc., for CO attainment.

The academic audit verifies the effectiveness of teaching learning process, attainment of COs and also ensures continuous improvement. The feedback about the course outcomes are obtained

from the students through the course exitsurvey.

The programme outcomes (POs), programme specific outcomes (PSOs) are disseminated through College website, HOD rooms, Faculty rooms, laboratories, class rooms, etc.,

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://mvit.edu.in/departments/ece/#curr_iculamandsyllabi">https://mvit.edu.in/departments/ece/#curr_iculamandsyllabi</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Every department has well defined POs, PSOs, PEOs, and COs. The Department Advisory Committee(DAC) guides in framing the PEO & PSO and defining rubrics for the attainment of the outcomes. Faculty frames COs for their subjects and map it with relevant PO and PSO before start of their course. The attainments of POs and PSOs are ensured through direct and indirect assessments.

#### Direct Assessment Method:

The tools for direct assessment of CO and POs include University Examination Results, Internal assessments, Seminars, Workshops, Quiz, Guest lecturers, Industrial Visits, IPT and innovative assignments.

The direct PSO attainments include Students participation in Co-Curricular Activities,

Competitions, Online certifications, Value added courses, Projects, Internships etc.

#### Indirect Assessment Method:

The attainment of CO, PO, PEO and PSO are evaluated through Alumni survey, Course Exit survey, student exit survey, Parent



survey and Employer's survey. The attainments, Academic audit report and QAC report are reviewed in the DAC meeting and the suggestions on improving the standard of the assessment questions, effectiveness of the activities are offered by the expert members. The suggestions are duly considered for improving the overall performance of the students which in-turn improves the attainment of the outcomes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://mvit.edu.in/departments/ece/#curr_iculamandsyllabi">https://mvit.edu.in/departments/ece/#curr_iculamandsyllabi</a>

### 2.6.3 - Pass percentage of Students during the year

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

458

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://mvit.edu.in/downloads/annual-report/">https://mvit.edu.in/downloads/annual-report/</a>

### 2.7 - Student Satisfaction Survey

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

<https://mvit.edu.in/naac/student-satisfaction-survey/>

## 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)

0.92

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

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

02

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

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

04

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://mvit.edu.in/wp-content/Files/naac/c3/3_1_3/3_1_3_FundingAgencyWebsiteLink.pdf">https://mvit.edu.in/wp-content/Files/naac/c3/3_1_3/3_1_3_FundingAgencyWebsiteLink.pdf</a>

## 3.2 - Innovation Ecosystem

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

Our organization is dedicated to fostering a vibrant innovation ecosystem that transcends disciplinary boundaries, facilitating the seamless flow of information. Emphasizing multidisciplinary collaboration as a catalyst for groundbreaking discoveries, we encourage diverse perspectives to converge, igniting novel insights and innovations. To enhance knowledge dissemination, we actively encourage faculty and student participation in a spectrum of global forums including conferences, workshops, and seminars. These avenues empower individuals to share expertise, learn from peers, and contribute to the global discourse.

Our institution invests in dedicated innovation spaces, providing students and faculty with conducive environments and resources to nurture revolutionary ideas. Furthermore, targeted initiatives such as research grants and incentives fuel pioneering research, encouraging inventive approaches and solutions. A robust knowledge transfer framework underscores our commitment. Collaborations with industry leaders, technology transfer offices, and community engagement programs facilitate the exchange of knowledge and expertise, ensuring our innovations have tangible impact. Through this integrated approach, we are committed to cultivating an environment where innovation thrives and knowledge is actively created, disseminated, and applied. By leveraging collaborative efforts and robust infrastructure, we endeavor to significantly contribute to the advancement of practical applications of knowledge.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/research/">https://mvit.edu.in/research/</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

67

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

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

01

File Description	Documents
URL to the research page on HEI website	<a href="https://mvit.edu.in/research/">https://mvit.edu.in/research/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 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

72

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

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

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

47

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

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Manakula Vinayagar Institute of Technology is a participating Institute under the Unnat Bharat Abhiyan (UBA) scheme and has adopted seven villages in the Union Territory of Puducherry. A group of students under the guidance of UBA coordinator, NSS Officer and faculty volunteers are involved in planning and execution of technical intervention activities in the adopted villages. The team has ventured door to door awareness campaigns for Swatch Bharath, Ban Plastic, Self-Hygiene, water conservation, etc., In addition to this, students are made to conduct surveys among the rural communities to understand the rural economy and livelihood. Interactions are arranged with "women self help groups" to understand their functions, challenges and opportunities. Based on the inputs received from them, various training programmes are arranged. The Institute has organized medical camps and blood donation camps in the villages in and around the locality of the institution. The institution also conducts Drug awareness campaigns in

association with Govt. of Puducherry in the adopted villages. Our students also visit nearby schools for giving technical lectures and motivational programs regularly. Various activities conducted by UBA, Jalsakthi etc., have developed a sense of responsibility, Citizen participation and Collaborative working, Team spirit.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/extension-activities/">https://mvit.edu.in/extension-activities/</a>
Upload any additional information	<a href="#">View File</a>

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

5

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

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

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

35

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

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

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

6018

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

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

385

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

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

48

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

Sprawling over 10.22 acres, the campus encompasses 21,357.02 sq.m of constructed space, featuring a robust 311 KW solar power plant. The instructional zone spans 12,639.37 sq.m, housing workshops, drawing halls, laboratories, classrooms, seminar halls, and tutorial rooms. Administrative functions find their place in a 1,724.46 sq.m area, housing boardrooms, department offices, faculty rooms, and reception areas.

Amenities cover 1,283.95 sq.m, while circulation areas span 4,290.75 sq.m. Classrooms, with ample size and ventilation, are equipped with LCD projectors, audiovisual aids, and Wi-Fi.

The campus also features spacious laboratories, auditoriums, conference rooms, and seminar halls accommodating 60 to 800 people. A language lab supports students in enhancing their language skills.

Campus is under CCTV surveillance. Technology Business Incubator Cell, supported by MSME, fosters startups, such as Ignite Skylabs, operating within a 111.48 sq.m area. The Industry-Institute Interaction Cell facilitates training and campus



recruitments, collaborating with industry. The library, spanning 780.38 sq.m, hosts a vast collection of books, journals, magazines, and electronic materials. With 681 computers, Wi-Fi connectivity, 800 Mbps internet speed, and various facilities, the campus caters to academic and research needs. Separate offices for IPR, UBA, Alumni, and NSS Cells showcase a commitment to comprehensive development.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_1_1/4_1_1_b.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_1_1/4_1_1_b.pdf</a>

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

Students are very much encouraged to participate to exhibit their cultural talents. All these activities are coordinated and supported by cultural club. The institute has 2 air-conditioned auditoriums with a seating capacity of 800 and 400 for the cultural activities. The practice for the events and competitions are carried out in the common rooms. Musical instruments such as acoustic guitar, electric guitar, flute, drums, etc., are available in the college for the access of students.

Our college has outstanding sports infrastructure, placing significant emphasis on student participation in various games, sports, and track and field activities. The expansive grounds feature dedicated playfields for cricket, hockey, football, basketball, volleyball, tennis, and badminton, among others. Expert physical education faculty and coaches are available for training, and coaching across various sports and fitness programs.

The on-site gym is equipped with treadmills and barbells, while specialized sports equipment is provided to encourage and train students. Safety measures are prioritized during practice trials, tournaments, and competitions. The college allocates an hour for daily sports activities, with special permissions granted during national-level competitions. Financial support is extended to sports students. Through Sagaja Yoga Center and Art of Living, Puducherry Center yoga training is being provided to

all the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac/c4/video/Sports.webm">https://mvit.edu.in/wp-content/Files/naac/c4/video/Sports.webm</a>

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

47

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac/c4/video/ClassRooms.webm">https://mvit.edu.in/wp-content/Files/naac/c4/video/ClassRooms.webm</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

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

166.79

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

The institute has a spacious central library with an area of 10272 sq.ft. The central library has modern infrastructure with a seating capacity of 150 students. It has a collection of 24603 books, 28 IEEE Transactions, 82 National and International Journals, 19 Technical Magazine, 14 Magazine, 1367 CD/DVD collections, 1366 project reports and subscription for DELNET, J-Gate (Science & Technology) 15415e- journals. It accommodates Circulation section, Reference section, Newspaper corner, OPAC section, Journals section and new arrivals section.

Library services are fully automated with the Manakula Vinayagar Library Management suite (ILMS). Activities like circulation, cataloguing, serial control, On-line Public Access Catalogue (OPAC) etc. are being done with the use of software. Barcode reader and software helps to make activities fast and efficient. It is Wi-Fi enabled and under CCTV surveillance. It has institutional membership with British Council Library, DELNET, IEEE, J-Gate and MALIBNET.

Digital library is equipped with 30 systems to access E-journals & E-books. Photocopiers are available for the convenience of the users. Facility to access NPTEL web & video lectures are available.

Library Committee comprises Professor Incharge, Librarian and Department Coordinators ensures the periodic updation of books, journals & other facilities and supports the smooth functioning of the library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_2_1/4_2_1_b.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_2_1/4_2_1_b.pdf</a>

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

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

16.97

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

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

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

1229

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

The Institute has good computing facilities like servers and workstations which are periodically updated as per the need. All the computing systems are connected with network with the help of Router, Switches, Firewalls which are maintained and upgraded by a team of System Administrators.

The entire campus is covered through un-interrupted Wifi and campus license agreement with Microsoft is being renewed every year.

The campus caters to academic and research needs with 681 computers, 8 servers, 38 printers, Wi-Fi connectivity, 800 Mbps internet speed, and various facilities. Standard Operating Procedure for maintenance of computers and IT infrastructure is being followed in the Institution.

Since our Institution is having advanced computing facilities, the various Government Testing Agencies are utilizing these facilities for conduction of National Level Entrance Examinations like GATE, JEE, JIPMER, NPTEL, Banking Exams, RRB, Staff Selection Commission Exam etc.

The CCTV surveillance cameras are installed in the campus and DVRs connected with the cameras can be remotely accessed through internet which ensures the safety of the students and staff members. The undesirable activities inside the campus are totally avoided. All these facilities are periodically maintained and upgraded. Sonic firewall installed at the router prevents unauthorized access of internet.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_3_1/4_3_1_b.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_3_1/4_3_1_b.pdf</a>

#### 4.3.2 - Number of Computers

681

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

#### 4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

85.50

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

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

The standard operating procedures are being followed for utilizing the physical, academic, and support facilities. Class rooms and seminar hall/auditorium are maintained on daily basis. Repairs and Maintenance of laboratory equipments are initiated by the respective Laboratory In-charge as and when required. Minor repairs are carried out by lab assistants and major repairs/maintenance are carried out by concerned lab in-charges and HOD's through the suppliers of the equipment or external servicing expert.

The institution's computer systems are interconnected with 24/7 internet access, supported by UPS and servers. The IT maintenance staff led by the System Administrator handling system upgradation, networking and preventive maintenance. The library development cell, overseen by the Professor in-charge, librarian, and department coordinators, actively manages

resource acquisition and utilization. Library assistants, under the librarian's supervision, conduct periodic maintenance tasks.

The Physical Education department, led by a full-time director, handle the responsibility of procuring sports equipments and maintenance of play fields. Electricians monitor power-related issues, conducting regular inspections and ensuring safety measures. The Maintenance cell, comprising qualified personnel, oversees building maintenance, cleanliness throughout the campus, including minor furniture repairs in the on-site workshop. Monthly reports on maintenance and utilization are submitted to the Head of the Institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_4_2/4_4_2_b.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c4/4_4_2/4_4_2_b.pdf</a>

## 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

798

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

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

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

526

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Link to Institutional website	<a href="http://www.mvit.edu.in">www.mvit.edu.in</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

2242

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

2242



File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student 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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## **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**

**420**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

### 5.2.2.1 - Number of outgoing student progression to higher education

07

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

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

01

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

## 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.

39

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

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

Manakula Vinayagar Institute of Technology's Student Council is dedicated to fostering a comprehensive approach to enrich the lives of students on campus. This dynamic forum cultivates positive attitudes, leadership skills, social aptitude, and cultural talents, prioritizing the holistic development of every student. Throughout the year, a diverse range of events is organized, creating an adaptive environment for aspiring engineers to learn, refine their talents, and showcase their competencies.

Each department has a Technical Association led by student office bearers, organizing various technical events. Professional body chapters of SAE, CSI, IETE, ISTE, IEEE, IE(I), NIQR, ISHRAE, etc., conduct activities with industry experts, coordinated by student representatives. Clubs including Maths, Language, Energy and cultural host events like puzzles, quizzes, debates commemorating National & International days and cultural programmes.

The NSS unit instills social responsibility, engaging in activities such as tree plantation, Swatch Bharath Mission, and

health camps. The Sports Committee, comprising student representatives, forms teams, practice, and participate in regional/national tournaments. The Transport Committee addresses grievances related to transportation, while Idea, Venture (Start-Up), and Innovation Clubs encourage innovative thinking. The Quality Circle Committee, involving HOD, faculty, and student representatives, addresses student feedback to enhance the teaching-learning process and maintain a conducive learning environment.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/student-council/">https://mvit.edu.in/student-council/</a>
Upload any additional information	<a href="#">View File</a>

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

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

111

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Our accomplished alumni have secured lucrative positions in esteemed organizations, both in India and abroad. The MVIT alumni association, a registered society, staunchly supports the college in realizing its goals, vision, and mission. The association's primary aim is to cultivate robust ties among

alumni, students, and the institute, forming a powerful network that ensures continuous engagement and provides tangible benefits.

Annual alumni meets, held preferably in December, bring together all batches, enhancing effective participation. The Alumni's influence extends to the IQAC and department's Advisory committee, where their insights shape policies and procedures. Frequent interactive sessions with juniors feature alumni sharing expertise on skills, latest technologies, corporate trends, and working culture. Financial contributions from alumni support activities and book donations.

Alumni participate in mock interviews, mentoring sessions, and Group Discussions for their juniors. Industrial visits are facilitated by alumni, offering insights into current practices. Experienced alumni provide orientation and motivation sessions, guiding students in career choices. Those studying in higher educational institutions offer valuable guidance on entry-level tests for further studies. Entrepreneurial alumni sign MoUs for technical and in-plant training, while start-up founders share their experiences with the Innovation council. Our alumni embody success and continue to enrich the institution's legacy.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/alumni/">https://mvit.edu.in/alumni/</a>
Upload any additional information	<a href="#">View File</a>

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

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

Our institute, guided by a clear vision and mission, has crafted these statements through valuable inputs from diverse stakeholders: Faculty Members, Employers, Industrial Experts, Alumni, Parents, and Students. Additionally, we've considered social needs at Regional, National, and Global levels. Being sponsored by the esteemed SMVE Trust, a leading educational trust in Puducherry with 13 institutions, our governance involves members from the trust, university, industry pioneers, institution heads, and faculty representatives. They Governing Body meeting of the institution is convened annually to approve various proposals, developmental initiatives, assess the previous year achievements and ensure alignment with the vision of the management.

The institution mission includes academics, research, development, innovation, employability, entrepreneurship, and community service, all articulated in a strategic plan. The activities related with all these parameters are executed through 40 active cells, clubs, and committees. These entities, led by coordinators, collaborate with members to devise action plans in line with the institute's strategy. Regular meetings chaired by coordinators and the Principal ensure the effectiveness of the activities as per the plan. The reports are periodically reviewed by the Principal in the meetings, corrective measures are taken to improve the outcomes of the activities and appraised to Governing Body for ratification.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_1_1/6_1_1_link_final.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_1_1/6_1_1_link_final.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The institution has decentralized structure, with Principal overseeing academic and administrative functions of the institution. HoD's ensure precise execution of activities in their departments and also involve in institute level administrative activities. The institute has 40 committees/clubs/cells, each with defined responsibilities outlined in the Governance manual and are executed by the Coordinators. Regular meetings foster coordination among Heads,

faculty, non-teaching staff, Technical assistants, Library staff, and students. Administrative tasks are carried out by staff under the guidance of the Administrative Officer, Librarian, and Hostel Supervisor.

Case study:

### Training & Placement Cell

The Cell is committed to meet the career objectives of students and Industrial demands. The Training and Placement Officer (TPO) with support of department Placement coordinators arrange for training programmes, interacts with recruiters for campus recruitment.

The Activities Conducted by placement cell are

- Executing Placement strategy
- Preparing for aptitude, soft skills and Psychometric test.
- Conducting Mock interviews
- Organizing Career Counseling session
- Conduction of industry - specific Training
- Tie-up with SkillRack, Cocubes etc., for conduction of online assessment and recruitment.

The Outcomes of these activities are

- Increased internships, Industrial visits.
- Excellent placement record with good salary packages.
- Centre of excellence for training the students on international certifications.
- Accolades in competitions

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_1_2/Final_Additional_placement_record_compressed.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_1_2/Final_Additional_placement_record_compressed.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic / perspective plan of the Institution focused on Admissions, Academics, Placement, Research & Development, students developmental activities, faculty development and infrastructure development are updated in every five years. In the meetings with HOD's and staff members, the strategic plan is discussed, activities in respect of the various parameters are reviewed and corrective actions are suggested to attain the targets.

Case study:

The strategic plan is successfully implemented for Research, Development & Innovation Activities.

The responsibilities of R&D CELL

- Arranging regular R&D meetings, to discuss about its progress.
- Arranging for R&D workshops/seminars to the faculty members.
- Identifying interested students / faculty members and guide them to carry out the innovative projects.
- Coordinate with EDP cell and TBI coordinator to take up the project ideas into real time implementations.

One of the activity successfully implemented based on the strategic plan is Patent filing

An exclusive IPR cell is functioning under the auspice of R&D cell and its objectives are

- To create awareness among the faculty and students on IPR through periodic workshops/seminars.
- To encourage and facilitate students and faculty members to apply for patents, address FER queries and support during hearing.

Outcome:

Product patent Filed: 33

Granted: 03

Published: 17

Design Patent Filed: 121



Granted:102

Copyrights Filed:13

Awarded:3

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/productupload.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/productupload.pdf</a>
Upload any additional information	<a href="#">View File</a>

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.

Manakula Vinayagar Institute of Technology recognizes the pivotal role of effective governance in ensuring the quality of teaching, learning, and research outcomes. The institution framed a comprehensive governance manual, policies, and standard operating procedures (SOPs) that provide clear direction, transparency, and good governance which ensures the complete satisfaction of the stakeholders.

The leadership and governance at the institute adopt a participative approach, engaging all stakeholders through structured functional systems. The governing body approves all the developmental initiatives proposed by the Principal and senior faculty members. A strategic plan enlightens the targets for various parameters, plan of actions and responsibility centers.

A well-defined organizational structure involves internal, external and student members in various committees and boards. Periodic meetings are conducted to review the outcomes of the activities and reports are submitted to the governing body for appraisal.

HR policy adheres strictly to AICTE and UGC norms, ensuring transparent recruitment processes and clear promotional & incentive policies.

The policies, SOPs, and service rules are disseminated through

Institute's website and in the meetings. Delegation of power and decentralization contribute to the effective functioning of the institution, fostering a bottom-up approach led by the Management, Principal and HOD's in planning and execution of activities.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/aboutus/#GovernanceManual">https://mvit.edu.in/aboutus/#GovernanceManual</a>
Link to Organogram of the institution webpage	<a href="https://mvit.edu.in/aboutus/#Organogram">https://mvit.edu.in/aboutus/#Organogram</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

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

### WELFARE MEASURES

The following are some of the welfare measures offered to the staff members:

- Free transport facility.
- Free Group Insurance Scheme for all the staff members.
- Free/Concessional medical treatment at our Medical College Hospital.

- Fee concession for the wards of our faculty/staff in our group of Institutions.
- Interest free loan for emergency needs.
- On sudden demise of the working staff employment opportunities are given to their wardin our group of institutions.
- Subsidised food for faculty and staff on request.
- Financial Assistance and reimbursement of registration feesto the staff members for presenting papers in National/International conferences and winning best paper awards.
- Rs.10000/- incentive per paper for publication in journal with impact factor >2
- Rs.5000/- incentive per paper for publication in journal with impact factor >1 and <2
- Rs.10000/- incentive for Full Book with International publisher
- Rs.5000/- incentive for Book Chapter with International publisher
- Incentive of 2% of the sanctioned amount for Research grant received from funding agencies for Projects
- 40% of the total consultancy amount for faculty and 60% for institution for Consultancy work
- Cash award of Rs.2,000/- and Rs.1000/- .with appreciation certificate for the faculty who produce 100% and more than95% results in the University examinations.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_3_1/6_3_1_final_link.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_3_1/6_3_1_final_link.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

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

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

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

50

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

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

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

182

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

Faculty Performance is assessed by HOD and Principal by evaluating the appraisal form and a presentation by each faculty.

Suggestions for improvement and recommendations for increments/promotions are based on their Faculty Performance Index (FPI).

The following tools are used to arrive at the FPI for every faculty member.

1. Self Appraisal Form

2. Assessment and recommendation by respective HOD's

3. Student Feedback

4. Results of University Examinations

The job responsibilities of a faculty is broadly categorized into the following components

1) Academic Activities

2) Research Activities

3) Extension Activities

4) Administrative Activities

Based on the FPI, the following actions are taken

- 1.Score between 4 to 5 is awarded annual increment
- 2.Score between 3.5 to 4 is awarded annual increment with oral suggestions
- 3.Score below 3.5 is given a notice for their improvement in the forthcoming semester failing which they may be subjected to quit.
- 4.Faculty members outperforming in the areas of research/developmental activities/outreach are considered for special increments.

The parameters used for the appraisal of non-teaching staff

1. Details of various responsibilities handled
2. Details of laboratory courses assisted
3. Initiatives to upgrade their qualification and Skill
4. Programmes attended to improve technical competency
5. Contribution for development of department and college

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_3_5/Final_6_3_5_teaching_appraisal_combined_report.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_3_5/Final_6_3_5_teaching_appraisal_combined_report.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance.

Qualified Internal Auditing team comprising of 3 experienced

auditing staff members permanently appointed to carry out the internal auditing.

The responsibilities of this team are,

- Verifying all the accounts related entries in the Tally software.
- Checking of all cash payment vouchers and payment made to Suppliers & Contractors.
- Bank reconciliation statement.
- Statutory payments i.e. TDS, EPF, ESI payment details.
- Students fees dues reconciliation with Students billing software and Tally software.
- Verifying salary disbursement with HR software and Manual attendance.
- Physical store stock verification and checking the entries in Inventory software.

After verifying all the above, the audit report is submitted to the management through Principal.

The annual accounts of the college are audited by Chartered Accountant every year. The auditor ensures that all payments are duly authorized, the Audit report is submitted to the management for review.

Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/aboutus/#AuditReport">https://mvit.edu.in/aboutus/#AuditReport</a>
Upload any additional information	<a href="#">View File</a>

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

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

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

Institutional strategies for fund mobilization and resource utilization are essential for the sustainable functioning of self-financed institutions. In our institution, funds are primarily from the Trust, Tuition fees, Transport & Hostel fees. In addition to that, institution is also receiving funds from AICTE and other agencies through various funding schemes. Funds are also generated through conduction of various Govt & Non-Govt. examinations by utilization of institutional resources.

Resource Mobilization Policy ensures a systematic approach for financial planning. Administrative and academic heads submit budget proposals, which is scrutinized and discussed in the Budget committee meetings and approved by the management on recommendation of the committee members.

Adequate funds are allocated for effective teaching-learning practices, infrastructure development, and day-to-day operational expenses. The institution allocates funds for library development, societal activities executed by NSS and UBA, and promotes research and development activities. Seed funding is provided for deserving projects recommended by mentors and HODs. Importantly, funds generated through the conduction of online competitive examinations like JEE, GATE, NEET contribute to the maintenance of computing systems and power backup facilities. This comprehensive approach ensures that funds are not only mobilized effectively but also utilized optimally, promoting the institution's sustained growth and excellence.



File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_4_3/final6_4_3_link.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_4_3/final6_4_3_link.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

### Practice 1

1. Title: Excelling in Competitions

2. Context: Promote Innovation, Employability and Entrepreneurship skills

3. Objective:

To motivate and guide students to address industrial/societal problems

4. Practice:

An exclusive competition team motivates and guides students to participate in various competitions hosted by Industries/Organizations.

Responsibilities of this team includes,

- Awareness sessions on various competitions
- Guidance on registration process
- Arranging specialized training
- Extending financial/technical support for project development

The winners of the competitions are honoured by the management with equal amount of the cash awards.

5. Outcome:

Increased number of students participation and out-performance in competitions.

**Practice 2**

1. Title: Appreciable outcomes through projects

2. Context: Promote innovation, hands-on experience and team work

3. Objective: To apply knowledge, skills, tools, and techniques for projects

4. Practice:

Students in II and III year undertake mini projects. Final year project selection aligns with department PO's and each batch comprises of advanced, average, and slow learners. Students choose their projects and guides in the 6th semester itself, with regular review meetings ensuring progress. Emphasis is on cost-effectiveness, commercialization feasibility, environmental impact and safety. Faculty encourages publication of project works and innovative products are applied for patent.

5. Outcome:

Increased number of publications and patents

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_5/6_5_1/6_5_1_newfinal.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_5/6_5_1/6_5_1_newfinal.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**Excellence in Academic Performance**

QAC conducts four meetings per semester: one at the semester beginning and others after each assessment. QAC verifies course files, info sheets, CO-PO matrix, lesson plans, assignments etc., Comments/suggestions given by the committee are incorporated by faculty member. QAC ensures the standard of the

IA question paper, its alignment with Blooms Taxonomy and verifies answer scripts for fair evaluation. The academic audit committee meets at end of the semester to conduct audit and suggests the measures for enhancing the CO/PO/PSOs attainments.

Outcomes

Faculty members are equipped to follow OBE

Good academic performance

Top position in institutional level ranking by affiliating University

Excellence in Industry Institute Interactions (III).

In each semester, departments, FSG, various Clubs and committees submit plans for the activities related to III to fulfil the curricular gaps and improves the attainment of POs.

Each MoU has a faculty coordinator responsible for effective conduction of III activities in every semester. Industry professionals are invited as Jury for technical events, providing feedback on student competencies and skill enhancement. Institute also participates in the MHRD's Institute Innovation Council and promotes innovation and entrepreneurship through various activities.

Outcome

Good placements

Accolades in Competitions

Activities in association with industrial forums

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/placement/">https://mvit.edu.in/placement/</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);**

**A. All of the above**

**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)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://mvit.edu.in/downloads/annual-report/">https://mvit.edu.in/downloads/annual-report/</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The principle of gender equality is enshrined in the Indian Constitution in its Preamble, Fundamental Rights, Fundamental Duties and Directive Principles. In line with this, students are given equal preference in all aspects such as admission, curricular, co/extra-curricular and training & placement activities. Responsibilities are assigned to students irrespective of their gender. Women are given due preference in the workforce. The gender inequality if any, is addressed by the Women Empowerment Cell (WEC).

The various activities conducted to promote gender equality includes,

- Organizing the events that promote the culture of respect and equality for gender.
- Arranging for skill development courses for rural unemployed women.
- Conducting awareness programmes on women specific health

issues.

- Conducting regular activities for the upliftment of girl students.
- Organizing various workshops, lectures and awareness programmes for their safety, security and healthiness.

The Institute has a Prevention of Sexual Harassment (POSH) Cell that takes care of women from sexual harassment. Ladies security guards are employed for easy access to girls and women at times of need. For every 20 students, a student counselor/mentor is allotted.

The institution arranges motivational programmes and expert counseling regularly to aid for the good mental health of the students.

File Description	Documents
Annual gender sensitization action plan	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1annualgenderplan.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1annualgenderplan.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1specificfacilitiesforwomen.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1specificfacilitiesforwomen.pdf</a>

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

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institution gives utmost priority in providing a healthy and safe environment by adopting effective waste management and disposal system.

Solid waste management is accomplished either by inhouse utilization/ consumption or by outsourcing it to an authorized agency. Over 100 bins have been provided across the campus for collection of the solid waste. These bins are colour coded specific to a category of solid waste.

The college has tied up with the local contractors for the disposal of non-degradable solid waste at the dumping yard approved by Government.

Plastic waste are segregated and sent to industry for recycling. E-Waste management is out sourced to private contractor who collects and disposes the wastear per norms.

A sewage treatment plant of 1000 KLD is in operation for collection and treatment of sewage in the campus. Wastewater received from all the blocks of the institution, hostels, quarters are treated in STP and the treated water is reused for gardening, and landscaping purposes. The STP storage is composed along with other Bio degradable solid waste and used as manure.

The college has adopted a minimum and essential use of paper policy which helps in the conservation of resources.

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

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

**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**

**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

**The college encourages the students to participate in different intra/inter-collegiate events, to make them sensitize towards cultural, regional, linguistic, communal and socio economic diversities.**



The cultural committee aims to provide learning experience for the students in the area of organizing, public relations and scheduling activities.

In salute to our traditional spiritual norms of mental and physical wellbeing, MVIT celebrates the International Yoga Day. The Student Induction Program(SIP) is conducted for the first year students as per the guidelines of AICTE every year.

Linguistic differences are assimilated by ensuring a common professional language, English, during working hours. However, proper care is taken to ensure that no faculty, staff, or student, feels marginalized because of any linguistic barrier. Mathru Basha Divas is organized in the Institution as per the guidelines of the Government.

Our Institute is a participating Institute under Unnat Bharat Abhiyan (UBA) scheme and has adopted seven villages. The Institute has done significant works to improve the rural governance and citizen participation in the adopted villages. UBA along with NSS team has piloted, door to door awareness campaigns for Swatch Bharath, Ban Plastic, Self-Hygiene, Health camps, Energy Awareness Rally and conducts many school level activities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The institution organizes activities to sensitize the students and employees to constitutional obligations. Republic day, Independence day, National Voter's day etc. are celebrated every year during which employees and students take pledges that make them aware of their values, duties and responsibilities as citizens.

Celebration of National voter's day and Signature campaign creates awareness and promotes voter literacy. Students regularly participate in competitions hosted by election

commission of Puducherry.

The course on Professional ethics in the curriculum deals with Engineering Ethics, Moral issues, Ethical theories and their uses. The classroom activities include discussions, poster presentations and case studies focusing on ethical concerns.

The Institute also celebrates National Youth day every year with the objective of making a better future by waking up the eternal energy of the youths.

World Environment Day is celebrated every year on 5th June at our institution. Rallies, campaigns and programmes during the celebration create awareness about world environment among the general public.

Our NSS team and MVIT UBA team have piloted Swatch Bharath, Ban Plastic, Self-Hygiene, Health camps, Energy Awareness Rally and many school level activities in the adopted villages.

File Description	Documents
Details of activities that inculcate values; necessary to render students into responsible citizens	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_9/7_1_9.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_9/7_1_9.pdf</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts 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. Annual awareness programmes on Code of Conduct are organized.**

**A. All of the above**

**4.**

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

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

Following are the national and international commemorative days organized by our institution during 2022-23.

National Friendship Day, International Youth Day, World Photography Day, Independence Day, National Sports Day were organized during August.

International Literacy Day, National Engineers Day were organized during September.

World Students Day, World Food Day, World Statistics Day and Diwali Celebrations were organized during October.

World Children's Day, World Television Day, International Day for the Elimination of Violence against Women were organized during November.

World Computer Literacy Day, Human Rights Day, National Energy Conservation Day, National Mathematics Day, National Consumer Rights Day, New year (2023) Celebrations were organized during December.

Republic Day and Pongal celebrations were organized during January.

World Cancer Day, National Productivity day, National Science Day were organized during February.

World Engineering Day, Women's Day, World Consumer Rights Day, World Water Day were organized during March.

World Health Day, World Heritage Day, World Book and Copyright Day, World Intellectual Property Day, World Day for Safety and Health at Work were conducted during April.

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

## 7.2 - Best Practices

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

### BEST PRACTICE 1

#### Initiatives to Achieve Sustainability Development Goals (SDG)

HEIs are vital in fostering sustainability and advancing SDGs. We lead by example through campus-wide sustainability practices, embracing eco-friendly infrastructure, energy efficiency and waste reduction.

We empower students through engagement programs, participation in sustainability projects and campaigns. Collaborating with local communities and forging partnerships with external stakeholders addresses sustainability needs beyond the campus.

Institutional governance has prioritized sustainability and is reflected in policies. We commit to carbon neutrality, focusing on emission reduction and renewable energy adoption. Cultural change is facilitated through awareness campaigns, fostering a collective sense of responsibility.

### BEST PRACTICE 2

#### Excellence through activities of Professional Bodies

Professional bodies, such as IEI, IEEE, ISHRAE, CSI, NIQR, MMA, SAEISS, etc., are instrumental in cultivating excellence.

These organizations serve for knowledge sharing and networking through conferences, seminars and workshops. Skill development is achieved through training programs, certifications, and workshops that enhance Professional competencies. Funding for activities through these bodies contribute to technological advancements. They bridge the gap between theory and practical, producing graduates ready for the Industry workforce. Recognition and awards through these bodies motivate us to strive for continuous improvement. Publications through professional bodies help to share research findings.

File Description	Documents
Best practices in the Institutional website	<a href="https://mvit.edu.in/aboutus/#BestPractices">https://mvit.edu.in/aboutus/#BestPractices</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

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

#### INNOVATION, PRODUCT DEVELOPMENT AND PATENT

##### MVIT-Idea Club and MVIT-Innovation Club

These clubs serve to innovate and realize their ideas into inventions. Workshops, Ideathons, Hackathons and competitions are conducted through these clubs. Periodic interaction with Innovators, researchers and entrepreneur are also organized.

##### Entrepreneurship Development cell

This cell aims to promote the entrepreneurship culture among students.

MSME supported Technology Business Incubator cell (TBI) in our institution provides springboard to budding entrepreneurs.

The activities conducted under this cell includes, workshops, seminars to promote Entrepreneurship, Interaction with

successful entrepreneurs etc.,

1 Startup "Ignite SkyLabs" is now incubated in MVIT.

R&D cell

The cell takes care of product development from concept through market release and beyond. "Ridemap" - A Vehicle tracking device has been developed in association with Ignite Skylabs.

Technical Lecture Series (TLS) is organized by R&D cell in association with IEEE student branch. Faculty members present their research works and ideas, to their peers everyday. This facilitates knowledge sharing resulting in good project ideas and developing interdisciplinary projects.

IPR cell

The cell facilitates, encourages and promote patenting their innovation

Outcomes of the MVIT-IPR Cell during 2022-23

Design Patents filed & granted - 11

Patents filed & published - 10

Patents Granted - 02

## 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

Our Institute is affiliated to Pondicherry University and follows the curriculum framed for affiliated colleges. Our senior faculty members being the members of Board of studies (BOS) are involved in the revision of curriculum and syllabus. Academic planning committee prepares the academic calendar based on the university academic schedule. Based on this, department academic calendar is prepared. Timetable including hours for classes, special lectures, sports, library, seminars, practical's etc., are prepared and finalized by the timetable committee. Each faculty member prepares lesson plan and course information sheet with outcomes. Teachers deliver the lectures through blended and student centric learning. For laboratory courses, working model, charts, animation, virtual labs, etc., are used.

Feedback from the students is collected twice a semester. Quality Circle Meeting (QCM) is conducted twice a semester after the feedback. Faculty and Student representatives express their views on subjects, academics and other issues.

Examination cell of the institution conducts two internal assessments and one model exam every semester. The quality of question paper, correctness of evaluation, outcome attainment are verified by QAC and Academic audit Committee (AAC). The AAC verifies the preparedness of faculty for handling the subject in first meeting and effectiveness of delivery in subsequent meetings.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c1/1_1_1/1_1_1_Additional.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c1/1_1_1/1_1_1_Additional.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of

## Continuous Internal Evaluation (CIE)

The institute has Academic planning committee headed by Principal, HODs and senior faculty members as members. This committee formulates the institutional level academic calendar in line with the university calendar to ensure the smooth & uniform conduction of academic and other developmental activities in all departments.

The department calendar apart from the activities listed in the institutional calendar includes, internal and external workshop schedule, Guest lecture schedule, industrial visits, feedback, QCM schedule etc.,

The various direct assessment and indirect assessment to attain the Course outcomes and Program Outcomes are scheduled in the institute level and department level academic calendar.

Two internal Assessments and one model examination are conducted in a semester as per the schedule in the academic calendar. Conduct of examinations are controlled and monitored by Exam cell of the Institution.

For the Practical courses, internal assessment is based on the attendance, preparation of observation and performance of the students during the laboratory sessions, viva voce and timely submission of record note. Model practical Examination is conducted at the end of the semester after completing all the experiments of the Practical course.

For Project courses, three internal project reviews are conducted as per the schedule of the academic calendar.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c1/1_1_2/1_1_2_additonal.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c1/1_1_2/1_1_2_additonal.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University**

A. All of the above



and/are represented on the following academic bodies during the year.  
**Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

12

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

62

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

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

2251

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

### 1.3 - Curriculum Enrichment

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

#### Professional Ethics

This is addressed by the inclusion of the course on the Professional ethics in the curriculum. The course deals with Engineering Ethics, Code of Ethics, responsibilities and rights etc., The activities for this subject include discussions, presentations and case studies focusing on ethical concerns.

#### Gender

Boys and girls are given equal preference in all aspects. The gender inequality if any is addressed by the Grievance redressal cell of the institution.

#### Human Values

Universal Human Values programme in the name of Student Induction Program (SIP) is conducted every year in our institution to the freshers to help them in the development of worldview, mindset, perspective and values. The outcome of

this is reflected by the students participation in various societal activities such as Blood donation camp, Eye checkup camp, Flood Relief, adoption of village - UBA, Rallies for awareness on Environment, Energy conservation, Health etc.

#### Environment and sustainability:

It is the key strategy against the backdrop of the growth of human.

- Environmental preservation initiatives through Unnat Bharat /Jal Sakthi Abhiyan are taken at our Institution.
- Various activities under Energy Club, ISTE, IEI, ISHRAE, NIQR, IEEE, etc. are undertaken
- NSS activities such as health awareness, safety awareness and environment protection

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

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

585

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

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

2251

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

### 1.4 - Feedback System

<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	<b>A. All of the above</b>
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File Description	Documents
URL for stakeholder feedback report	<a href="https://mvit.edu.in/feedback/">https://mvit.edu.in/feedback/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://mvit.edu.in/feedback/">https://mvit.edu.in/feedback/</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**836**

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

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

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

**836**

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

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution has a well-defined process for monitoring and assisting the bright and slow learners.

**Slow Learners:** Students who scored below 50% marks in three or more subjects in internal assessment (IA) tests/ having more than 2 arrears in University Exam results are identified as slow learners. After completion of each test, slow learners are advised and counselled by the mentors. Special classes after college hours and exam oriented coaching classes with simplified study materials are arranged for slow learners. Special coaching classes are conducted to clear the arrear subjects before the University Examinations.

**Impacts Observed:** Improved performance in the internal assessment examinations and University Examinations. The number of students clearing the previous arrear papers has increased substantially.

**Bright Learners:** Students who scored above 70% marks in all subjects in IA tests/ high academic track records in the semesters are identified as academically Bright students. Bright students are encouraged to go beyond the syllabus and exhibit their knowledge and skills through participation in International & National level competitions, seminars, paper presentations and Conferences. Academic Toppers in every semester are awarded with merit certificates and prizes.

**Impacts Observed:** Appreciable performance in academics and co-curricular activities. University ranks/placements have increased remarkably.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Slow_Advanced_Learners_SOP.pdf">https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Slow_Advanced_Learners_SOP.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
2251	186

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

### 2.3 - Teaching- Learning Process

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

#### EXPERIENTIAL LEARNING

Faculty members readiness in handling practical courses is ensured by QAC. Lab manual is prepared and given to the students for their reference. Continuous assessment is done and experiments beyond curriculum are encouraged. Students of II and III year carry-out mini project. Project batches are formed based on the student's category i.e. advanced, average and slow learners. Every batch has an advanced, one average and a slow learner. Regular review meetings are conducted. The students publish their project work in journals/conferences or apply for patents.

The Faculty Specialization Group (FSG) groups in every department conduct minimum 1 workshop to provide hands-on training. Students are motivated to undertake inplant training/Internship in industries related with their domain.

#### PARTICIPATIVE LEARNING

It is encouraged through Guest lectures, Special lectures, Value added courses, Industrial Visits, Seminars, Quiz sessions, Tutorial classes, Participation in workshops /

symposiums/ Conference, Certifications Courses, Club/chapter activities, soft skills training, Career Guidance programs etc.,

#### PROBLEM SOLVING METHODOLOGIES

Institution provides guidance and support to participate in various national and international level contests. The IIC of our institute arranges for various activities promoting innovation, design thinking, and product development. Various brainstorming sessions are conducted. Critical thinking assignments are given for each course.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Downloads/revised_academic_guidelines_june_1_2022.pdf">https://mvit.edu.in/wp-content/Files/Downloads/revised_academic_guidelines_june_1_2022.pdf</a>

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

Our teachers improve the quality of education by using ICT-enabled tools for an efficient teaching-learning process. ICT, encompasses a wide range of software tools and digital infrastructures. Learning management systems (LMS) like Moodle and Google Classroom, video conferencing apps like Zoom and Google Meet, interactive whiteboards, online resources from Coursera and NPTEL, simulation tools, virtual labs, and online assessment tools are a few examples of ICT tools that are frequently used for teaching and learning. These resources improve accessibility, interactivity, and engagement in the learning process. Further teachers are trained to use Collaborative Platform Tools like Padlet, Google Docs, Flipgrid to encourage collaboration and discussion outside the classroom. Teachers also use websites like Khan Academy, Coursera and TED-Ed which offer a wealth of educational videos and resources that supplement or replace traditional textbooks, allowing students to explore contents at their own pace. Further faculty also use Open Educational Resources (OER) for simulation through Phet simulation, Project Gutenberg and so on. Platforms such as Quizizz, Google forms, Quizlet, Mentimeter provide interactive



quizzes and instant feedback, allowing teachers to assess students understanding level before the lecture session and adjust their in-class activities accordingly.

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

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

185

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

### 2.4 - Teacher Profile and Quality

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

186

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

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

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

42

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

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

#### 2.4.3.1 - Total experience of full-time teachers

1720

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

## 2.5 - Evaluation Process and Reforms

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

MVIT has a meticulous examination cell, led by a senior Professor as the Coordinator alongside Department coordinators. Their duties span the orchestration of assessments, timely communication with students and faculty, and the seamless receipt of question papers. The institution adheres rigorously to the assessment procedures outlined by the affiliating university, with a structured weightage—25% for continuous internal assessments and 75% for end-semester exams.

The examination schedule is well-organized, featuring two internal assessments (IA) and one model exam per semester. This aligns with the academic calendar synchronized with the

university's timeline, ensuring transparency. Question paper setting is a meticulous process, with IA papers comprising ten 2-mark questions and three 10-mark questions, lasting 100 minutes. Model exam papers mirror the university's format, designed to gauge students' diverse knowledge levels.

The evaluation process is swift, with answer scripts appraised within two days. QAC guarantees the standard, and students with lower scores receive counselling and special coaching, with retests for betterment. Practical courses are evaluated through regular sessions and model practical exams, while projects undergo scrutiny via periodic reviews. Performance updates are communicated to parents and meetings are conducted for followup.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Downloads/OBE_manual.pdf">https://mvit.edu.in/wp-content/Files/Downloads/OBE_manual.pdf</a>

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

- Each Department has a Quality Circle Committee (QCC) comprising of faculty and student members for each class. QCC meeting is conducted twice in a semester. Members express their views on Department activities, academic progress like syllabus coverage, teaching methodology, evaluation process etc.,
- The QAC team ensures the standard of the question and also the fairness & transparency in the evaluation of scripts on verification.
- The students with grievances in the evaluation process are free to approach the respective incharges for the redressal. The students can also approach the Head of the department if their grievances are not resolved.
- Students are permitted to take-up retests for improving their internal assessment marks.
- For any grievances in end semester examinations, the students apply for revaluation as per the procedure of the affiliating university.
- Other types of grievances like data missing in the

question papers, question from out of syllabus, printing errors etc., are communicated to the Controller of Examinations, Pondicherry University, by the respective course in-charges through proper channel.

- Every course in-charge submits the comments about their University examination question paper after their Examination to the exam cell.
- University examination portal related grievances of the students are taken care by the Examination cell.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Student_Performance_Assessment_SOP.pdf">https://mvit.edu.in/wp-content/Files/Aboutus/sop_and_policies/sop/Student_Performance_Assessment_SOP.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

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

### Course Outcomes (COs)

The course in-charges frame COs before the starting of academic session. The course outcomes are framed in such a way that, it is specific, measurable and achievable. Based on the course outcomes, the course in-charges plan their activities and assessment methods which in turn addresses the Vision, Mission, PEOs, POs and PSOs of the department. QAC team verifies the COs, adherence of COs to Blooms taxonomy, the proper usage of action verbs and its feasibility in attainment.

The students are informed about course outcomes, at the beginning of each semester.

The COs are displayed in Lesson plan, Course Information sheet, Course file documents and question papers.

Course in-charges use activities such as guest lectures, mini

projects, special lectures, workshops, Industrial visit , Online Courses, quiz, seminars, assignments, group activities, etc., for CO attainment.

The academic audit verifies the effectiveness of teaching learning process, attainment of COs and also ensures continuous improvement. The feedback about the course outcomes are obtained from the students through the course exitsurvey.

The programme outcomes (POs), programme specific outcomes (PSOs) are disseminated through College website, HOD rooms, Faculty rooms, laboratories, class rooms, etc.,

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://mvit.edu.in/departments/ece/#curriculumandsyllabi">https://mvit.edu.in/departments/ece/#curriculumandsyllabi</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Every department has well defined POs, PSOs, PEOs, and COs. The Department Advisory Committee(DAC) guides in framing the PEO & PSO and defining rubrics for the attainment of the outcomes. Faculty frames COs for their subjects and map it with relevant PO and PSO before start of their course. The attainments of POs and PSOs are ensured through direct and indirect assessments.

**Direct Assessment Method:**

The tools for direct assessment of CO and POs include University Examination Results, Internal assessments, Seminars, Workshops, Quiz, Guest lecturers, Industrial Visits, IPT and innovative assignments.

The direct PSO attainments include Students participation in

**Co-Curricular Activities,**

Competitions, Online certifications, Value added courses, Projects, Internships etc.

**Indirect Assessment Method:**

The attainment of CO, PO, PEO and PSO are evaluated through Alumni survey, Course Exit survey, student exit survey, Parent survey and Employer's survey. The attainments, Academic audit report and QAC report are reviewed in the DAC meeting and the suggestions on improving the standard of the assessment questions, effectiveness of the activities are offered by the expert members. The suggestions are duly considered for improving the overall performance of the students which in-turn improves the attainment of the outcomes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://mvit.edu.in/departments/ece/#curriculamandsyllabi">https://mvit.edu.in/departments/ece/#curriculamandsyllabi</a>

**2.6.3 - Pass percentage of Students during the year****2.6.3.1 - Total number of final year students who passed the university examination during the year**

**458**

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://mvit.edu.in/downloads/annual-report/">https://mvit.edu.in/downloads/annual-report/</a>

**2.7 - Student Satisfaction Survey**

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

<https://mvit.edu.in/naac/student-satisfaction-survey/>

**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)**

0.92

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

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

02

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

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

04	
File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://mvit.edu.in/wp-content/Files/naac/c3/3_1_3/3_1_3_FundingAgencyWebsiteLink.pdf">https://mvit.edu.in/wp-content/Files/naac/c3/3_1_3/3_1_3_FundingAgencyWebsiteLink.pdf</a>
<b>3.2 - Innovation Ecosystem</b>	
3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge	
<p>Our organization is dedicated to fostering a vibrant innovation ecosystem that transcends disciplinary boundaries, facilitating the seamless flow of information. Emphasizing multidisciplinary collaboration as a catalyst for groundbreaking discoveries, we encourage diverse perspectives to converge, igniting novel insights and innovations. To enhance knowledge dissemination, we actively encourage faculty and student participation in a spectrum of global forums including conferences, workshops, and seminars. These avenues empower individuals to share expertise, learn from peers, and contribute to the global discourse.</p> <p>Our institution invests in dedicated innovation spaces, providing students and faculty with conducive environments and resources to nurture revolutionary ideas. Furthermore, targeted initiatives such as research grants and incentives fuel pioneering research, encouraging inventive approaches and solutions. A robust knowledge transfer framework underscores our commitment. Collaborations with industry leaders, technology transfer offices, and community engagement programs facilitate the exchange of knowledge and expertise, ensuring our innovations have tangible impact. Through this integrated approach, we are committed to cultivating an environment where innovation thrives and knowledge is actively created, disseminated, and applied. By</p>	



leveraging collaborative efforts and robust infrastructure, we endeavor to significantly contribute to the advancement of practical applications of knowledge.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/research/">https://mvit.edu.in/research/</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

67

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

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

01

File Description	Documents
URL to the research page on HEI website	<a href="https://mvit.edu.in/research/">https://mvit.edu.in/research/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 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**

72

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

**3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year****3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

47

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

**3.4 - Extension Activities**

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Manakula Vinayagar Institute of Technology is a participating Institute under the Unnat Bharat Abhiyan (UBA) scheme and has adopted seven villages in the Union Territory of Puducherry. A group of students under the guidance of UBA coordinator, NSS Officer and faculty volunteers are involved in planning and execution of technical intervention activities in the adopted villages. The team has ventured door to door awareness campaigns for Swach Bharath, Ban Plastic, Self-Hygiene, water conservation, etc., In addition to this, students are made to conduct surveys among the rural communities to understand the rural economy and livelihood. Interactions are arranged with "women self help groups" to understand their functions, challenges and opportunities. Based on the inputs received from them, various training

programmes are arranged. The Institute has organized medical camps and blood donation camps in the villages in and around the locality of the institution. The institution also conducts Drug awareness campaigns in association with Govt. of Puducherry in the adopted villages. Our students also visit nearby schools for giving technical lectures and motivational programs regularly. Various activities conducted by UBA, Jalsakthi etc., have developed a sense of responsibility, Citizen participation and Collaborative working, Team spirit.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/extension-activities/">https://mvit.edu.in/extension-activities/</a>
Upload any additional information	<a href="#">View File</a>

### **3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

#### **3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

5

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

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

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

35

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

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

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

6018

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

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

385

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

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

48

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

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

Sprawling over 10.22 acres, the campus encompasses 21,357.02 sq.m of constructed space, featuring a robust 311 KW solar power plant. The instructional zone spans 12,639.37 sq.m, housing workshops, drawing halls, laboratories, classrooms, seminar halls, and tutorial rooms. Administrative functions find their place in a 1,724.46 sq.m area, housing boardrooms, department offices, faculty rooms, and reception areas.

Amenities cover 1,283.95 sq.m, while circulation areas span 4,290.75 sq.m. Classrooms, with ample size and ventilation, are equipped with LCD projectors, audiovisual aids, and Wi-Fi.

The campus also features spacious laboratories, auditoriums, conference rooms, and seminar halls accommodating 60 to 800 people. A language lab supports students in enhancing their language skills.

Campus is under CCTV surveillance. Technology Business

Incubator Cell, supported by MSME, fosters startups, such as Ignite Skylabs, operating within a 111.48 sq.m area. The Industry-Institute Interaction Cell facilitates training and campus recruitments, collaborating with industry. The library, spanning 780.38 sq.m, hosts a vast collection of books, journals, magazines, and electronic materials. With 681 computers, Wi-Fi connectivity, 800 Mbps internet speed, and various facilities, the campus caters to academic and research needs. Separate offices for IPR, UBA, Alumni, and NSS Cells showcase a commitment to comprehensive development.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c4/4_1_1/4_1_1_b.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c4/4_1_1/4_1_1_b.pdf</a>

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

Students are very much encouraged to participate to exhibit their cultural talents. All these activities are coordinated and supported by cultural club. The institute has 2 air-conditioned auditoriums with a seating capacity of 800 and 400 for the cultural activities. The practice for the events and competitions are carried out in the common rooms. Musical instruments such as acoustic guitar, electric guitar, flute, drums, etc., are available in the college for the access of students.

Our college has outstanding sports infrastructure, placing significant emphasis on student participation in various games, sports, and track and field activities. The expansive grounds feature dedicated playfields for cricket, hockey, football, basketball, volleyball, tennis, and badminton, among others. Expert physical education faculty and coaches are available for training, and coaching across various sports and fitness programs.

The on-site gym is equipped with treadmills and barbells, while specialized sports equipment is provided to encourage and train students. Safety measures are prioritized during practice trials, tournaments, and competitions. The college allocates an hour for daily sports activities, with special

permissions granted during national-level competitions. Financial support is extended to sports students. Through Sagaja Yoga Center and Art of Living, Puducherry Center yoga training is being provided to all the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac/c4/video/Sports.webm">https://mvit.edu.in/wp-content/Files/naac/c4/video/Sports.webm</a>

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

47

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac/c4/video/ClassRooms.webm">https://mvit.edu.in/wp-content/Files/naac/c4/video/ClassRooms.webm</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

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

166.79

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The institute has a spacious central library with an area of 10272 sq.ft. The central library has modern infrastructure with a seating capacity of 150 students. It has a collection of 24603 books, 28 IEEE Transactions, 82 National and International Journals, 19 Technical Magazine, 14 Magazine, 1367 CD/DVD collections, 1366 project reports and subscription for DELNET, J-Gate (Science & Technology) 15415e- journals. It accommodates Circulation section, Reference section, Newspaper corner, OPAC section, Journals section and new arrivals section.

Library services are fully automated with the Manakula Vinayagar Library Management suite (ILMS). Activities like circulation, cataloguing, serial control, On-line Public Access Catalogue (OPAC) etc. are being done with the use of software. Barcode reader and software helps to make activities fast and efficient. It is Wi-Fi enabled and under CCTV surveillance. It has institutional membership with British Council Library, DELNET, IEEE, J-Gate and MALIBNET.

Digital library is equipped with 30 systems to access E-journals & E-books. Photocopiers are available for the convenience of the users. Facility to access NPTEL web & video lectures are available.

Library Committee comprises Professor Incharge, Librarian and Department Coordinators ensures the periodic updation of books, journals & other facilities and supports the smooth functioning of the library.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c4/4_2_1/4_2_1_b.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c4/4_2_1/4_2_1_b.pdf</a>

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

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

**16.97**

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

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

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

1229	
File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>
<b>4.3 - IT Infrastructure</b>	
4.3.1 - Institution frequently updates its IT facilities including Wi-Fi	
<p>The Institute has good computing facilities like servers and workstations which are periodically updated as per the need. All the computing systems are connected with network with the help of Router, Switches, Firewalls which are maintained and upgraded by a team of System Administrators.</p> <p>The entire campus is covered through un-interrupted Wifi and campus license agreement with Microsoft is being renewed every year.</p> <p>The campus caters to academic and research needs with 681 computers, 8 servers, 38 printers, Wi-Fi connectivity, 800 Mbps internet speed, and various facilities. Standard Operating Procedure for maintenance of computers and IT infrastructure is being followed in the Institution.</p> <p>Since our Institution is having advanced computing facilities, the various Government Testing Agencies are utilizing these facilities for conduction of National Level Entrance Examinations like GATE, JEE, JIPMER, NPTEL, Banking Exams, RRB, Staff Selection Commission Exam etc.</p> <p>The CCTV surveillance cameras are installed in the campus and DVRs connected with the cameras can be remotely accessed through internet which ensures the safety of the students and staff members. The undesirable activities inside the campus are totally avoided. All these facilities are periodically maintained and upgraded. Sonic firewall installed at the router prevents unauthorized access of internet.</p>	

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c4/4_3_1/4_3_1_b.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c4/4_3_1/4_3_1_b.pdf</a>

**4.3.2 - Number of Computers**

681

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

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

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure****4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

85.50

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

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

The standard operating procedures are being followed for utilizing the physical, academic, and support facilities. Class rooms and seminar hall/auditorium are maintained on daily basis. Repairs and Maintenance of laboratory equipments are initiated by the respective Laboratory In-charge as and when required. Minor repairs are carried out by lab assistants and major repairs/maintenance are carried out by concerned lab in-charges and HOD's through the suppliers of the equipment or external servicing expert.

The institution's computer systems are interconnected with 24/7 internet access, supported by UPS and servers. The IT maintenance staff led by the System Administrator handling system upgradation, networking and preventive maintenance. The library development cell, overseen by the Professor in-charge, librarian, and department coordinators, actively manages resource acquisition and utilization. Library assistants, under the librarian's supervision, conduct periodic maintenance tasks.

The Physical Education department, led by a full-time director, handle the responsibility of procuring sports equipments and maintenance of play fields. Electricians monitor power-related issues, conducting regular inspections and ensuring safety measures. The Maintenance cell, comprising qualified personnel, oversees building maintenance, cleanliness throughout the campus, including minor furniture repairs in the on-site workshop. Monthly reports on maintenance and utilization are submitted to the Head of the Institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac 2022 23/c4/4 4 2/4 4 2 b.pdf">https://mvit.edu.in/wp-content/Files/nac 2022 23/c4/4 4 2/4 4 2 b.pdf</a>

## 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

798

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

#### 5.1.2 - Number of students benefited 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

526

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>
<b>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</b>	<b>A. All of the above</b>
File Description	Documents
Link to Institutional website	<a href="http://www.mvit.edu.in">www.mvit.edu.in</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>
<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
<b>2242</b>	
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
<b>2242</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student</b>	<b>A. All of the above</b>

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

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

## 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

420

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

07

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

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

01

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**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.**

39



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

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

Manakula Vinayagar Institute of Technology's Student Council is dedicated to fostering a comprehensive approach to enrich the lives of students on campus. This dynamic forum cultivates positive attitudes, leadership skills, social aptitude, and cultural talents, prioritizing the holistic development of every student. Throughout the year, a diverse range of events is organized, creating an adaptive environment for aspiring engineers to learn, refine their talents, and showcase their competencies.

Each department has a Technical Association led by student office bearers, organizing various technical events. Professional body chapters of SAE, CSI, IETE, ISTE, IEEE, IE(I), NIQR, ISHRAE, etc., conduct activities with industry experts, coordinated by student representatives. Clubs including Maths, Language, Energy and cultural host events like puzzles, quizzes, debates commemorating National & International days and cultural programmes.

The NSS unit instills social responsibility, engaging in activities such as tree plantation, Swatch Bharath Mission, and health camps. The Sports Committee, comprising student representatives, forms teams, practice, and participate in regional/national tournaments. The Transport Committee addresses grievances related to transportation, while Idea, Venture (Start-Up), and Innovation Clubs encourage innovative thinking. The Quality Circle Committee, involving HOD, faculty, and student representatives, addresses student feedback to enhance the teaching-learning process and maintain a conducive learning environment.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/student-council/">https://mvit.edu.in/student-council/</a>
Upload any additional information	<a href="#">View File</a>

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

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

111

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Our accomplished alumni have secured lucrative positions in esteemed organizations, both in India and abroad. The MVIT alumni association, a registered society, staunchly supports the college in realizing its goals, vision, and mission. The association's primary aim is to cultivate robust ties among alumni, students, and the institute, forming a powerful network that ensures continuous engagement and provides tangible benefits.

Annual alumni meets, held preferably in December, bring together all batches, enhancing effective participation. The Alumni's influence extends to the IQAC and department's Advisory committee, where their insights shape policies and procedures. Frequent interactive sessions with juniors

feature alumni sharing expertise on skills, latest technologies, corporate trends, and working culture. Financial contributions from alumni support activities and book donations.

Alumni participate in mock interviews, mentoring sessions, and Group Discussions for their juniors. Industrial visits are facilitated by alumni, offering insights into current practices. Experienced alumni provide orientation and motivation sessions, guiding students in career choices. Those studying in higher educational institutions offer valuable guidance on entry-level tests for further studies. Entrepreneurial alumni sign MoUs for technical and in-plant training, while start-up founders share their experiences with the Innovation council. Our alumni embody success and continue to enrich the institution's legacy.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/alumni/">https://mvit.edu.in/alumni/</a>
Upload any additional information	<a href="#">View File</a>

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

A. ? 5Lakhs

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

Our institute, guided by a clear vision and mission, has crafted these statements through valuable inputs from diverse stakeholders: Faculty Members, Employers, Industrial Experts, Alumni, Parents, and Students. Additionally, we've considered social needs at Regional, National, and Global levels. Being sponsored by the esteemed SMVE Trust, a leading educational trust in Puducherry with 13 institutions, our governance

involves members from the trust, university, industry pioneers, institution heads, and faculty representatives. They Governing Body meeting of the institution is convened annually to approve various proposals, developmental initiatives, assess the previous year achievements and ensure alignment with the vision of the management.

The institution mission includes academics, research, development, innovation, employability, entrepreneurship, and community service, all articulated in a strategic plan. The activities related with all these parameters are executed through 40 active cells, clubs, and committees. These entities, led by coordinators, collaborate with members to devise action plans in line with the institute's strategy. Regular meetings chaired by coordinators and the Principal ensure the effectiveness of the activities as per the plan. The reports are periodically reviewed by the Principal in the meetings, corrective measures are taken to improve the outcomes of the activities and appraised to Governing Body for ratification.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_1_1/6_1_1_link_final.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_1_1/6_1_1_link_final.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The institution has decentralized structure, with Principal overseeing academic and administrative functions of the institution. HoD's ensure precise execution of activities in their departments and also involve in institute level administrative activities. The institute has 40 committees/clubs/cells, each with defined responsibilities outlined in the Governance manual and are executed by the Coordinators. Regular meetings foster coordination among Heads, faculty, non-teaching staff, Technical assistants, Library staff, and students. Administrative tasks are carried out by staff under the guidance of the Administrative Officer, Librarian, and Hostel Supervisor.

**Case study:****Training & Placement Cell**

The Cell is committed to meet the career objectives of students and Industrial demands. The Training and Placement Officer (TPO) with support of department Placement coordinators arrange for training programmes, interacts with recruiters for campus recruitment.

The Activities Conducted by placement cell are

- Executing Placement strategy
- Preparing for aptitude, soft skills and Psychometric test.
- Conducting Mock interviews
- Organizing Career Counseling session
- Conduction of industry - specific Training
- Tie-up with SkillRack, Cocubes etc., for conduction of online assessment and recruitment.

The Outcomes of these activities are

- Increased internships, Industrial visits.
- Excellent placement record with good salary packages.
- Centre of excellence for training the students on international certifications.
- Accolades in competitions

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_1_2/Final_Additional_placement_record_compressed.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_1_2/Final_Additional_placement_record_compressed.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic / perspective plan of the Institution focused on Admissions, Academics, Placement, Research & Development, students developmental activities, faculty development and infrastructure development are updated in every five years. In the meetings with HOD's and staff

members, the strategic plan is discussed, activities in respect of the various parameters are reviewed and corrective actions are suggested to attain the targets.

#### Case study:

The strategic plan is successfully implemented for Research, Development & Innovation Activities.

#### The responsibilities of R&D CELL

- Arranging regular R&D meetings, to discuss about its progress.
- Arranging for R&D workshops/seminars to the faculty members.
- Identifying interested students / faculty members and guide them to carry out the innovative projects.
- Coordinate with EDP cell and TBI coordinator to take up the project ideas into real time implementations.

One of the activity successfully implemented based on the strategic plan is Patent filing

An exclusive IPR cell is functioning under the auspice of R&D cell and its objectives are

- To create awareness among the faculty and students on IPR through periodic workshops/seminars.
- To encourage and facilitate students and faculty members to apply for patents, address FER queries and support during hearing.

#### Outcome:

Product patent Filed: 33

Granted: 03

Published: 17

Design Patent Filed: 121

Granted: 102

Copyrights Filed: 13

**Awarded : 3**

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/productupload.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/productupload.pdf</a>
Upload any additional information	<a href="#">View File</a>

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.

Manakula Vinayagar Institute of Technology recognizes the pivotal role of effective governance in ensuring the quality of teaching, learning, and research outcomes. The institution framed a comprehensive governance manual, policies, and standard operating procedures (SOPs) that provide clear direction, transparency, and good governance which ensures the complete satisfaction of the stakeholders.

The leadership and governance at the institute adopt a participative approach, engaging all stakeholders through structured functional systems. The governing body approves all the developmental initiatives proposed by the Principal and senior faculty members. A strategic plan enlightens the targets for various parameters, plan of actions and responsibility centers.

A well-defined organizational structure involves internal, external and student members in various committees and boards. Periodic meetings are conducted to review the outcomes of the activities and reports are submitted to the governing body for appraisal.

HR policy adheres strictly to AICTE and UGC norms, ensuring transparent recruitment processes and clear promotional & incentive policies.

The policies, SOPs, and service rules are disseminated through Institute's website and in meetings. Delegation of power and decentralization contribute to the effective functioning of the institution, fostering a bottom-up approach led by the

## Management, Principal and HOD's in planning and execution of activities.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/aboutus/#GovernanceManual">https://mvit.edu.in/aboutus/#Governance Manual</a>
Link to Organogram of the institution webpage	<a href="https://mvit.edu.in/aboutus/#Organogram">https://mvit.edu.in/aboutus/#Organogram</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

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

### WELFARE MEASURES

The following are some of the welfare measures offered to the staff members:

- Free transport facility.
- Free Group Insurance Scheme for all the staff members.
- Free/Concessional medical treatment at our Medical College Hospital.
- Fee concession for the wards of our faculty/staff in our group of Institutions.



- Interest free loan for emergency needs.
- On sudden demise of the working staff employment opportunities are given to their wardin our group of institutions.
- Subsidised food for faculty and staff on request.
- Financial Assistance and reimbursement of registration feesto the staff members for presenting papers in National/International conferences and winning best paper awards.
- Rs.10000/- incentive per paper for publication in journal with impact factor >2
- Rs.5000/- incentive per paper for publication in journal with impact factor >1 and <2
- Rs.10000/- incentive for Full Book with International publisher
- Rs.5000/- incentive for Book Chapter with International publisher
- Incentive of 2% of the sanctioned amount for Research grant received from funding agencies for Projects
- 40% of the total consultancy amount for faculty and 60% for institution for Consultancy work
- Cash award of Rs.2,000/- and Rs.1000/- .with appreciation certificate for the faculty who produce 100% and more than95% results in the University examinations.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_3_1/6_3_1_final_link.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_3_1/6_3_1_final_link.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

64

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

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

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

50

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

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

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

182

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

Faculty Performance is assessed by HOD and Principal by evaluating the appraisal form and a presentation by each faculty.

Suggestions for improvement and recommendations for increments/promotions are based on their Faculty Performance Index (FPI).

The following tools are used to arrive at the FPI for every faculty member.

1. Self Appraisal Form

2. Assessment and recommendation by respective HOD's

3. Student Feedback

4. Results of University Examinations

The job responsibilities of a faculty is broadly categorized into the following components

1) Academic Activities

2) Research Activities

3) Extension Activities

4) Administrative Activities

Based on the FPI, the following actions are taken

- 1.Score between 4 to 5 is awarded annual increment
- 2.Score between 3.5 to 4 is awarded annual increment with oral suggestions
- 3.Score below 3.5 is given a notice for their improvement in the forthcoming semester failing which they may be subjected to quit.
- 4.Faculty members outperforming in the areas of research/developmental activities/outreach are considered for special increments.

The parameters used for the appraisal of non-teaching staff

1. Details of various responsibilities handled
2. Details of laboratory courses assisted
3. Initiatives to upgrade their qualification and Skill
4. Programmes attended to improve technical competency
5. Contribution for development of department and college

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_3_5/Final_6_3_5_teaching_appraisal_combined_report.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c6/6_3_5/Final_6_3_5_teaching_appraisal_combined_report.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

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

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance.

Qualified Internal Auditing team comprising of 3 experienced

auditing staff members permanently appointed to carry out the internal auditing.

The responsibilities of this team are,

- Verifying all the accounts related entries in the Tally software.
- Checking of all cash payment vouchers and payment made to Suppliers & Contractors.
- Bank reconciliation statement.
- Statutory payments i.e. TDS, EPF, ESI payment details.
- Students fees dues reconciliation with Students billing software and Tally software.
- Verifying salary disbursement with HR software and Manual attendance.
- Physical store stock verification and checking the entries in Inventory software.

After verifying all the above, the audit report is submitted to the management through Principal.

The annual accounts of the college are audited by Chartered Accountant every year. The auditor ensures that all payments are duly authorized, the Audit report is submitted to the management for review.

Any queries, in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/aboutus/#AuditReport">https://mvit.edu.in/aboutus/#AuditReport</a>
Upload any additional information	<a href="#">View File</a>

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

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

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

Institutional strategies for fund mobilization and resource utilization are essential for the sustainable functioning of self-financed institutions. In our institution, funds are primarily from the Trust, Tuition fees, Transport & Hostel fees. In addition to that, institution is also receiving funds from AICTE and other agencies through various funding schemes. Funds are also generated through conduction of various Govt & Non-Govt. examinations by utilization of institutional resources.

Resource Mobilization Policy ensures a systematic approach for financial planning. Administrative and academic heads submit budget proposals, which is scrutinized and discussed in the Budget committee meetings and approved by the management on recommendation of the committee members.

Adequate funds are allocated for effective teaching-learning practices, infrastructure development, and day-to-day operational expenses. The institution allocates funds for library development, societal activities executed by NSS and UBA, and promotes research and development activities. Seed funding is provided for deserving projects recommended by mentors and HODs. Importantly, funds generated through the conduction of online competitive examinations like JEE, GATE, NEET contribute to the maintenance of computing systems and power backup facilities. This comprehensive approach ensures that funds are not only mobilized effectively but also utilized optimally, promoting the institution's sustained growth and excellence.

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_4_3/final6_4_3_link.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_4_3/final6_4_3_link.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

### Practice 1

1. Title: Excelling in Competitions

2. Context: Promote Innovation, Employability and Entrepreneurship skills

3. Objective:

To motivate and guide students to address industrial/societal problems

4. Practice:

An exclusive competition team motivates and guides students to participate in various competitions hosted by Industries/Organizations.

Responsibilities of this team includes,

- Awareness sessions on various competitions
- Guidance on registration process
- Arranging specialized training
- Extending financial/technical support for project development

The winners of the competitions are honoured by the management with equal amount of the cash awards.

5. Outcome:

Increased number of students participation and out-performance in competitions.

**Practice 2**

1. Title: Appreciable outcomes through projects

2. Context: Promote innovation, hands-on experience and team work

3. Objective: To apply knowledge, skills, tools, and techniques for projects

4. Practice:

Students in II and III year undertake mini projects. Final year project selection aligns with department PO's and each batch comprises of advanced, average, and slow learners. Students choose their projects and guides in the 6th semester itself, with regular review meetings ensuring progress. Emphasis is on cost-effectiveness, commercialization feasibility, environmental impact and safety. Faculty encourages publication of project works and innovative products are applied for patent.

5. Outcome:

Increased number of publications and patents

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_5/6_5_1/6_5_1_newfinal.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c6/6_5/6_5_1/6_5_1_newfinal.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**Excellence in Academic Performance**

QAC conducts four meetings per semester: one at the semester beginning and others after each assessment. QAC verifies course files, info sheets, CO-PO matrix, lesson plans,



assignments etc., Comments/suggestions given by the committee are incorporated by faculty member. QAC ensures the standard of the IA question paper, its alignment with Blooms Taxonomy and verifies answer scripts for fair evaluation. The academic audit committee meets at end of the semester to conduct audit and suggests the measures for enhancing the CO/PO/PSOs attainments.

#### Outcomes

Faculty members are equipped to follow OBE

Good academic performance

Top position in institutional level ranking by affiliating University

Excellence in Industry Institute Interactions (III).

In each semester, departments, FSG, various Clubs and committees submit action plans for the activities related to III to fulfil the curricular gaps and improve the attainment of POs.

Each MoU has a faculty coordinator responsible for effective conduction of III activities in every semester. Industry professionals are invited as Jury for technical events, providing feedback on student competencies and skill enhancement. Institute also participates in the MHRD's Institute Innovation Council and promotes innovation and entrepreneurship through various activities.

#### Outcome

Good placements

Accolades in Competitions

Activities in association with industrial forums

File Description	Documents
Paste link for additional information	<a href="https://mvit.edu.in/placement/">https://mvit.edu.in/placement/</a>
Upload any additional information	<a href="#">View File</a>

<p><b>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)</b></p>	<p><b>A. All of the above</b></p>
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File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://mvit.edu.in/downloads/annual-report/">https://mvit.edu.in/downloads/annual-report/</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The principle of gender equality is enshrined in the Indian Constitution in its Preamble, Fundamental Rights, Fundamental Duties and Directive Principles. In line with this, students are given equal preference in all aspects such as admission, curricular, co/extra-curricular and training & placement activities. Responsibilities are assigned to students irrespective of their gender. Women are given due preference in the workforce. The gender inequality if any, is addressed by the Women Empowerment Cell (WEC).

The various activities conducted to promote gender equality includes,

- Organizing the events that promote the culture of

respect and equality for gender.

- Arranging for skill development courses for rural unemployed women.
- Conducting awareness programmes on women specific health issues.
- Conducting regular activities for the upliftment of girl students.
- Organizing various workshops, lectures and awareness programmes for their safety, security and healthiness.

The Institute has a Prevention of Sexual Harassment (POSH) Cell that takes care of women from sexual harassment. Ladies security guards are employed for easy access to girls and women at times of need. For every 20 students, a student counselor/mentor is allotted.

The institution arranges motivational programmes and expert counseling regularly to aid for the good mental health of the students.

File Description	Documents
Annual gender sensitization action plan	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1annualgenderplan.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1annualgenderplan.pdf</a>
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1specificfacilitiesforwomen.pdf">https://mvit.edu.in/wp-content/Files/naac_2022_23/c7/7_1_1/7_1_1specificfacilitiesforwomen.pdf</a>

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

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institution gives utmost priority in providing a healthy and safe environment by adopting effective waste management and disposal system.

Solid waste management is accomplished either by inhouse utilization/ consumption or by outsourcing it to an authorized agency. Over 100 bins have been provided across the campus for collection of the solid waste. These bins are colour coded specific to a category of solid waste.

The college has tied up with the local contractors for the disposal of non-degradable solid waste at the dumping yard approved by Government.

Plastic waste are segregated and sent to industry for recycling. E-Waste management is out sourced to private contractor who collects and disposes the wastebas per norms.

A sewage treatment plant of 1000 KLD is in operation for collection and treatment of sewage in the campus. Wastewater received from all the blocks of the institution, hostels, quarters are treated in STP and the treated water is reused for gardening, and landscaping purposes. The STP storage is composed along with other Bio degradable solid waste and used as manure.

The college has adopted a minimum and essential use of paper policy which helps in the conservation of resources.

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

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

**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

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

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

**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<b>No File Uploaded</b>

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

<b>institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b>	<b>A. Any 4 or all of the above</b>
<b>File Description</b>	<b>Documents</b>
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b>	<b>A. Any 4 or all of the above</b>

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

The college encourages the students to participate in different intra/inter-collegiate events, to make them sensitized towards cultural, regional, linguistic, communal and socio economic diversities.

The cultural committee aims to provide learning experience for the students in the area of organizing, public relations and scheduling activities.

In salute to our traditional spiritual norms of mental and physical wellbeing, MVIT celebrates the International Yoga Day. The Student Induction Program(SIP) is conducted for the first year students as per the guidelines of AICTE every year.

Linguistic differences are assimilated by ensuring a common professional language, English, during working hours. However, proper care is taken to ensure that no faculty, staff, or student, feels marginalized because of any linguistic barrier. Mathru Basha Divas is organized in the Institution as per the guidelines of the Government.

Our Institute is a participating Institute under Unnat Bharat Abhiyan (UBA) scheme and has adopted seven villages. The Institute has done significant works to improve the rural governance and citizen participation in the adopted villages. UBA along with NSS team has piloted, door to door awareness campaigns for Swatch Bharath, Ban Plastic, Self-Hygiene,

Health camps, Energy Awareness Rally and conducts many school level activities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The institution organizes activities to sensitize the students and employees to constitutional obligations. Republic day, Independence day, National Voter's day etc. are celebrated every year during which employees and students take pledges that make them aware of their values, duties and responsibilities as citizens.

Celebration of National voter's day and Signature campaign creates awareness and promotes voter literacy. Students regularly participate in competitions hosted by election commission of Puducherry.

The course on Professional ethics in the curriculum deals with Engineering Ethics, Moral issues, Ethical theories and their uses. The classroom activities include discussions, poster presentations and case studies focusing on ethical concerns.

The Institute also celebrates National Youth day every year with the objective of making a better future by waking up the eternal energy of the youths.

World Environment Day is celebrated every year on 5th June at our institution. Rallies, campaigns and programmes during the celebration creates awareness about world environment among the general Public.

Our NSS team and MVIT UBA team have piloted Swatch Bharath, Ban Plastic, Self-Hygiene, Health camps, Energy Awareness Rally and many school level activities in the adopted villages.



File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://mvit.edu.in/wp-content/Files/nac_2022_23/c7/7_1_9/7_1_9.pdf">https://mvit.edu.in/wp-content/Files/nac_2022_23/c7/7_1_9/7_1_9.pdf</a>
Any other relevant information	Nil

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

**4. Annual awareness programmes on Code of Conduct are organized**

**A. All of the above**

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

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

**Following are the national and international commemorative days organized by our institution during 2022-23.**

**National Friendship Day, International Youth Day, World Photography Day, Independence Day, National Sports Day were organized during August.**

International Literacy Day, National Engineers Day were organized during September.

World Students Day, World Food Day, World Statistics Day and Diwali Celebrations were organized during October.

World Children's Day, World Television Day, International Day for the Elimination of Violence against Women were organized during November.

World Computer Literacy Day, Human Rights Day, National Energy Conservation Day, National Mathematics Day, National Consumer Rights Day, New year (2023) Celebrations were organized during December.

Republic Day and Pongal celebrations were organized during January.

World Cancer Day, National Productivity day, National Science Day were organized during February.

World Engineering Day, Women's Day, World Consumer Rights Day, World Water Day were organized during March.

World Health Day, World Heritage Day, World Book and Copyright Day, World Intellectual Property Day, World Day for Safety and Health at Work were conducted during April.

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

## 7.2 - Best Practices

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

## BEST PRACTICE 1

### Initiatives to Achieve Sustainability Development Goals (SDG)

HEIs are vital in fostering sustainability and advancing SDGs. We lead by example through campus-wide sustainability practices, embracing eco-friendly infrastructure, energy efficiency and waste reduction.

We empower students through engagement programs, participation in sustainability projects and campaigns. Collaborating with local communities and forging partnerships with external stakeholders addresses sustainability needs beyond the campus.

Institutional governance has prioritized sustainability and is reflected in policies. We commit to carbon neutrality, focusing on emission reduction and renewable energy adoption. Cultural change is facilitated through awareness campaigns, fostering a collective sense of responsibility.

## BEST PRACTICE 2

### Excellence through activities of Professional Bodies

Professional bodies, such as IEI, IEEE, ISHRAE, CSI, NIQR, MMA, SAEISS, etc., are instrumental in cultivating excellence.

These organizations serve for knowledge sharing and networking through conferences, seminars and workshops. Skill development is achieved through training programs, certifications, and workshops that enhance Professional competencies. Funding for activities through these bodies contribute to technological advancements. They bridge the gap between theory and practical, producing graduates ready for the Industry workforce. Recognition and awards through these bodies motivate us to strive for continuous improvement. Publications through professional bodies help to share research findings.

File Description	Documents
Best practices in the Institutional website	<a href="https://mvit.edu.in/aboutus/#BestPractices">https://mvit.edu.in/aboutus/#BestPractices</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

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

#### INNOVATION, PRODUCT DEVELOPMENT AND PATENT

##### MVIT-Idea Club and MVIT-Innovation Club

These clubs serve to innovate and realize their ideas into inventions. Workshops, Ideathons, Hackathons and competitions are conducted through these clubs. Periodic interaction with Innovators, researchers and entrepreneur are also organized.

##### Entrepreneurship Development cell

This cell aims to promote the entrepreneurship culture among students.

MSME supported Technology Business Incubator cell (TBI) in our institution provides springboard to budding entrepreneurs.

The activities conducted under this cell includes, workshops, seminars to promote Entrepreneurship, Interaction with successful entrepreneurs etc.,

1 Startup "Ignite SkyLabs" is now incubated in MVIT.

##### R&D cell

The cell takes care of product development from concept through market release and beyond. "Ridemap" - A Vehicle tracking device has been developed in association with Ignite Skylabs.

Technical Lecture Series (TLS) is organized by R&D cell in association with IEEE student branch. Faculty members present

their research works and ideas, to their peers everyday. This facilitates knowledge sharing resulting in good project ideas and developing interdisciplinary projects.

#### IPR cell

The cell facilitates, encourages and promote patenting their innovation

Outcomes of the MVIT-IPR Cell during 2022-23

Design Patents filed & granted - 11

Patents filed & published - 10

Patents Granted - 02

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

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

Starting new courses in collaboration with industries and foreign universities

Setting of centres of excellence with the support of core industries

To be a hub for innovation, incubation and startup.

To enhance the research facilities with the funding from Government and non-government agencies to carry out funded research projects

To carry out furthermore technical intervention activities to improve the socio-economic status of the rural community.

To collaborate with industries for developing the necessary facilities and expertise to provide consultancy and also training their employees.