



YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	Vardhaman College of Engineering
• Name of the Head of the institution	Prof. J V R Ravindra
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9502653333
• Alternate phone No.	9440114765
• Mobile No. (Principal)	9502653333
• Registered e-mail ID (Principal)	principal@vardhaman.org
• Address	Kacharam
• City/Town	Shamshabad, Hyderabad
• State/UT	Telangana
• Pin Code	501218
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	19/05/2021
• Type of Institution	Co-education

• Location	Rural																																								
• Financial Status	Self-financing																																								
• Name of the IQAC Co-ordinator/Director	Dr. E. R. Aruna																																								
• Phone No.	9440015489																																								
• Mobile No:	9182797390																																								
• IQAC e-mail ID	iqac@vardhaman.org																																								
3.Website address (Web link of the AQAR (Previous Academic Year)	https://vardhaman.org/iqac/aqars/																																								
4.Was the Academic Calendar prepared for that year?	Yes																																								
• if yes, whether it is uploaded in the Institutional website Web link:	https://vardhaman.org/academic-calendar/																																								
5.Accreditation Details																																									
<table><tr><td>Cycle</td><td>Grade</td><td>CGPA</td><td>Year of Accreditation</td><td>Validity from</td><td>Validity to</td></tr><tr><td>Cycle 1</td><td>A</td><td>3.24</td><td>2014</td><td>05/05/2014</td><td>31/12/2019</td></tr><tr><td>Cycle 2</td><td>A++</td><td>3.58</td><td>2021</td><td>16/03/2021</td><td>15/03/2026</td></tr></table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	A	3.24	2014	05/05/2014	31/12/2019	Cycle 2	A++	3.58	2021	16/03/2021	15/03/2026																							
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Cycle 2	A++	3.58	2021	16/03/2021	15/03/2026																																				
6.Date of Establishment of IQAC	12/12/2012																																								
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?																																									
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Institution	Sponsored Seminar	NAAC	27/07/2022	0																																					
8.Provide details regarding the composition of the IQAC:																																									
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File																																								
9.No. of IQAC meetings held during the year	4																																								
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes																																								

10.Did IQAC receive funding from any funding agency to support its activities during the year?		No	
11.Significant contributions made by IQAC during the current year (maximum five bullets)			
The PG-MBA program has been accredited by the National Board of Accreditation, while the UG-Civil Engineering program has received an extension of its accreditation for an additional three years.			
An Open House program was conducted for B.Tech & MBA students, gathering constructive feedback and insightful suggestions aimed at further enhancing the college across various aspects			
The institution is in the process of applying for Deemed-to-be-University status.			
Approval has been granted by AICTE for the establishment of an Off-Campus.			
NIRF 2024 Ranking: Vardhaman College of Engineering is Ranked 151-200 in Engineering Category			
12.Plan of action chalked out by IQAC at 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	
NBA Accreditation for MBA & UG-Civil Department		The PG-MBA program has been accredited for a period of three years, from 2023 to 2026, while the UG-Civil Engineering program has received an extension of its accreditation for an additional three years.	
Revised the Quality Bench Marks in PBAS for the academic year 2023-2024		According to the API-evaluated performance indicators, there has been a notable improvement in faculty quality, particularly in terms of publications, citations, and h-index.	
Feedback Analysis for the academic year 2023-2024		Feedback from students on the TLP and facilities has been collected and analyzed, with corrective measures being implemented based on their input.	
Department Score Card		Departments are evaluated based on data related to quality parameters, with awards granted to the best-performing department.	
Environmental Audit for the academic year 2023-2024		An environmental audit was conducted by an external audit committee from KiWis Eco Laboratory Private Limited, resulting in improvements to sustainability practices.	
13.Was the AQAR placed before the statutory body?		Yes	
• Name of the statutory body			
Name of the statutory body		Date of meeting(s)	
Governing Body		17/11/2024	
14.Was the institutional data submitted to AISHE ?		Yes	
• Year			
Year	Date of Submission		
2024	05/02/2024		
15.Multidisciplinary / interdisciplinary			
The institution is strategically aligning its educational programs and initiatives with the National Education Policy 2020 (NEP-2020), reaffirming its commitment to nurturing the creative potential of every learner. Emphasizing a holistic educational approach, the institution fosters not only cognitive development but also social, ethical, and emotional growth. By adhering to NEP-2020's learner-centric philosophy, which emphasizes diverse academic exploration, the institution enhances students' educational experiences, enabling them to cultivate a well-rounded foundation across various disciplines. As part of this strategic alignment, the institution has introduced innovative minor and honors			

degree programs in emerging fields such as Artificial Intelligence, Data Science, Machine Learning, and Entrepreneurship. These programs empower students to deepen their expertise in cutting-edge areas while complementing their primary field of study. For example, students pursuing degrees in engineering, commerce, or health sciences can broaden their skill set by opting for minors in interdisciplinary domains like Financial Risk Management, Climate Finance, or Animation and VFX. This multidisciplinary approach equips students with diverse competencies, enabling them to tackle complex, real-world challenges effectively. In addition to these offerings, the institution is expanding its interdisciplinary programs to address contemporary global issues. Programs such as B.Sc. in Urban Health & Well-being, B.Sc. in Digital Agriculture, and M.Sc. in Agroecology and Sustainable Agriculture are designed to integrate knowledge from various disciplines, preparing students to address challenges related to urbanization, climate change, and sustainable development. These initiatives reflect the institution's commitment to fostering critical thinking, innovation, and a global perspective among its students. To further align with NEP-2020's emphasis on flexibility and lifelong learning, the institution has established a system that allows students to transfer credits from recognized online platforms like NPTEL. By successfully completing NPTEL courses, students can integrate these credits into their academic programs, providing them with enhanced opportunities for skill development and personalized learning pathways. The adoption of the AICTE-LITE program for web application development underscores the institution's dedication to equipping students with high-demand skills that enhance employability. Additionally, the curriculum incorporates open electives, offering students the flexibility to tailor their academic journey according to their interests and career aspirations. This flexibility is further enhanced through the integration of transversal courses in Science, Technology, Engineering, and Mathematics (STEM), which develop essential skills such as critical thinking and problem-solving. Experiential learning is another cornerstone of the institution's academic strategy. Through the implementation of Project-Based Learning (PBL) within the B.Tech curriculum, students can apply theoretical knowledge in practical scenarios, honing their analytical and collaborative skills while preparing for real-world challenges. The institution also prioritizes innovation and entrepreneurship through the establishment of a Technology Innovation Centre, which provides a collaborative platform for students to bring their ideas to life. Furthermore, the Technology Business Incubation (TBI) center, supported by funding from the Ministry of Micro, Small & Medium Enterprises (MSME), offers essential resources and mentorship to transform innovative ideas into successful enterprises. In conclusion, the institution's alignment with NEP-2020 reflects its commitment to fostering a creative, innovative, and research-driven educational environment. By offering multidisciplinary and interdisciplinary programs, facilitating experiential learning opportunities, integrating flexible credit transfer systems, and promoting entrepreneurial initiatives, the institution prepares students for holistic personal and professional development in an ever-evolving global landscape.

16.Academic bank of credits (ABC):

Vardhaman College of Engineering (VCE) has successfully obtained approval under the Academic Bank of Credits (ABC) initiative, marking a significant milestone in its commitment to enhancing academic mobility and flexibility for its students. This approval underscores VCE’s dedication to fostering a seamless and integrated educational experience, enabling students to transfer credits across Higher Education Institutions (HEIs) nationwide to fulfill degree or diploma requirements. With ABC approval, VCE is entrusted with critical responsibilities to ensure the efficient operation and benefits of this initiative. ABC facilitates the creation, maintenance, and verification of individual academic accounts for VCE students, providing a centralized and secure digital repository for academic credits. It also supports the seamless transfer and redemption of credits, catering to students' academic needs and aspirations. In alignment with ABC’s objectives, VCE has established collaborative partnerships with prominent Indian and international universities. These partnerships are instrumental in leveraging the credit transfer mechanism to unlock vast research opportunities, enhance student and faculty exchange programs, and cultivate a diverse and intellectually vibrant academic environment. To operationalize the ABC credit transfer system effectively, VCE has meticulously aligned its academic programs with ABC's guidelines and standards. This includes defining clear credit requirements for each program and ensuring compatibility with ABC's credit framework. Furthermore, VCE has developed a robust administrative and technological infrastructure to streamline the credit transfer process. Key initiatives include the implementation of an integrated student information system, the creation of standardized credit evaluation documentation, and the establishment of a dedicated unit to oversee credit transfer protocols and address student inquiries. Through its participation in the ABC scheme, VCE empowers students with greater academic flexibility and progression opportunities, enabling them to navigate diverse learning pathways and achieve their educational goals. Additionally, this initiative significantly enhances VCE’s institutional reputation, fostering deeper collaboration with other HEIs both within India and globally. By embracing the ABC initiative, VCE reaffirms its commitment to delivering a transformative and future-ready educational experience, equipping students with the tools and opportunities to thrive in a dynamic global academic landscape.

17.Skill development:

VCE's strategic initiatives in skill development significantly enhance the employability and professional competencies of engineering students. The establishment of the Career Development Centre (CDC) highlights VCE's dedication to equipping students with critical skills such as life skills, problem-solving, critical thinking, and scientific rigor. These competencies are vital for thriving in the modern workforce and contributing to a knowledge-based economy. The formation of Centers of Excellence (COEs) in collaboration with industry leaders such as Mass Mutual, Advanced Auto Parts, IBM, Oracle, and Cadence amplifies opportunities for skill enhancement. These partnerships enable students to

immerse themselves in cutting-edge technologies and innovative solutions, thereby increasing their employability. Additionally, VCE has partnered with Evernorth, a global healthcare company, to provide specialized skill training for students in healthcare-related technologies and systems, equipping them to address the growing intersection of technology and medical innovation. This collaboration focuses on fostering expertise in areas such as healthcare analytics, telemedicine technologies, and digital healthcare solutions. VCE also offers training in high-demand technology domains such as Artificial Intelligence, Machine Learning, Blockchain, and Cybersecurity, preparing students to meet the challenges of an evolving digital world. These courses complement the institution's commitment to excellence, evidenced by the recognition of a few faculty members who were awarded the prestigious gold medal by the Governor of Telangana. Additionally, several faculty members have undergone advanced training under the Skill India Mission, initiated by the Government of India, further enhancing the quality of education and skill development. In alignment with national skill development goals, VCE is actively participating in the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0. Under this initiative, the institution is planning to develop specialized training programs for working professionals, enabling them to upskill and remain competitive in rapidly changing industries. These programs are designed to bridge skill gaps and foster continuous professional growth. The institution also boasts advanced facilities such as the industry support laboratory, developed in collaboration with M/s. MTE Industries and Autodesk's Design Labs, and an Industry-Institute Interaction Cell that ensures students gain hands-on experience with real-world projects. These initiatives integrate academic learning with industrial applications, preparing students to seamlessly transition into professional roles. Additionally, international collaborations for student exchange programs enhance global competencies, offering students invaluable exposure and broader perspectives. Through the Nexus for Educational Advancement and Development (NEAD) and experiential learning courses, VCE emphasizes hands-on learning to develop practical skills over theoretical knowledge. Together, VCE's initiatives, collaborations with esteemed organizations such as Evernorth, alignment with PMKVY 4.0, and integration of industry-driven programs reflect its commitment to creating a future-ready workforce. These efforts not only bridge the academic-industry divide but also contribute to poverty reduction, inclusive growth, and the establishment of a thriving knowledge-based economy.

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

The educational framework of India is designed to foster a profound sense of national pride and a holistic comprehension of the country's rich cultural heritage, values, and philosophical underpinnings. This ambition transcends mere knowledge and skill acquisition, aiming to cultivate a steadfast commitment to human rights, sustainability, and global welfare. Within this context, VCE emerges as a paragon, setting benchmarks for multidisciplinary education that deeply integrates Indian culture and philosophy. VCE has innovated its curriculum by mandating courses at both undergraduate and postgraduate levels that spotlight Indian traditional knowledge, the Constitution of India, and the principles of human values and professional ethics. These courses are pivotal in ensuring that students not only gain a thorough understanding of India's heritage and value system but are also furnished with an ethical framework that will guide their professional endeavours. To further enrich students' engagement with India's cultural legacy, VCE organizes a variety of activities through student clubs, encompassing Indian dance, music, fine arts, and performing arts. Such initiatives enable students to immerse themselves in and actively experience the nation's vast cultural richness. Moreover, VCE encourages the participation of students and faculty in online courses focusing on yoga, life skills, and Indian culture, thereby deepening their appreciation for Indian traditions and fostering personal and communal well-being. Beyond academic engagement, VCE places a strong emphasis on extracurricular involvement and participation in cultural and scientific events. These platforms allow students to demonstrate their talents, collaborate with peers, and promote values of unity, integrity, and harmony within the student body. The institution also commemorates national and international days, events, and festivals, leveraging these occasions as opportunities to enhance social cohesion and cultural awareness among students and staff. Participating in these events nurtures a sense of community and a robust connection to the nation's diverse cultural fabric. Ultimately, VCE's vision extends far beyond merely producing proficient engineers. It aspires to cultivate responsible citizens of India who are not only professionally competent but also possess a profound appreciation for their cultural heritage, a dedication to humanistic values, and a perspective that is truly global.

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

Vardhaman College of Engineering's strategic emphasis on Outcome-Based Education (OBE) underscores its dedication to a modern educational paradigm that prioritizes the achievement of specific learning outcomes. By aligning its curriculum, teaching methodologies, and assessment strategies with the objectives of OBE, the college ensures that students acquire the essential skills, knowledge, and abilities that are critical for their success in a competitive and ever-evolving professional landscape. A significant milestone in the college's commitment to high-quality education is the accreditation of all its undergraduate programs by the National Board of Accreditation (NBA). This accreditation is a testament to the college's adherence to stringent educational standards and its ongoing efforts to enhance the academic environment and learning experiences of its students. The NBA's recognition signifies that Vardhaman College of Engineering's programs meet the rigorous criteria for excellence in engineering education, including the relevance of the curriculum, the effectiveness of teaching-learning processes, and the achievement of learning outcomes. The OBE framework adopted by the college focuses on defining clear learning outcomes that students are expected to demonstrate upon the completion of their programs. This approach shifts the educational focus from traditional teaching-centric models to learning-centric models, where the ultimate goal is the successful application of knowledge in real-world contexts. It encourages active and engaged learning, critical thinking, and the application of theoretical knowledge to practical problems. Moreover, the accreditation

by the NBA underscores the college's commitment to continuous improvement and accountability. It ensures that the programs remain current with the advancements in technology and industry practices, thereby enhancing the employability of graduates. The college's focus on OBE and the prestigious NBA accreditation collectively facilitate a learning environment that is not only academically rigorous but also responsive to the needs of the industry and society at large. In summary, Vardhaman College of Engineering's dedication to Outcome-Based Education, complemented by the NBA accreditation of its undergraduate programs, exemplifies its commitment to excellence in engineering education. This approach not only prepares students for immediate professional success but also equips them with the lifelong learning skills necessary to navigate the challenges of the future.

20.Distance education/online education:

Vardhaman College of Engineering's establishment of the Centre for Education and Learning Technologies reflects its strategic commitment to leveraging technology to enhance education. Over the past two years, the college has implemented initiatives that integrate modern technological advancements into teaching and learning processes, showcasing a forward-looking approach. The college's YouTube channel serves as a dynamic repository of recorded lectures, offering students the flexibility to revisit and engage with content at their convenience, fostering continuous learning beyond traditional classroom settings. Additionally, the Gyan Ganga Learning Management System (LMS) provides a centralized platform for digital resources, including lecture slides, video recordings, and supplementary materials, ensuring students have access to updated information in an interactive environment. Vardhaman College encourages students and faculty to pursue certifications through platforms like SWAYAM and NPTEL, broadening their expertise across domains and staying abreast of developments in their fields. The college's alignment with the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0 underscores its dedication to skill development, with plans to launch specialized training courses for working professionals through distance education. These programs will focus on emerging areas such as Artificial Intelligence, Machine Learning, Blockchain, and Cybersecurity, addressing the growing demand for expertise in these domains. Faculty achievements also highlight the institution's excellence, with a few members receiving a gold medal from the Governor of Telangana for their contributions to education and skill development. Many faculty members have also undergone advanced training under the Skill India Mission initiated by the Government of India, further enhancing the institution's ability to deliver cutting-edge education. Furthermore, the college regularly organizes guest lectures and workshops in online, offline, and blended formats, inviting industry experts to provide practical insights and knowledge. These sessions enrich the learning experience, catering to diverse learner preferences. Through these comprehensive initiatives, Vardhaman College of Engineering aspires to blend traditional pedagogy with technological innovation, ensuring students are well-equipped for a digital, competitive world. By embracing advancements like PMKVY programs and recognizing faculty excellence, the institution continues to foster an enriched, forward-thinking academic environment that prepares students and professionals for future challenges.

Extended Profile	
1.Programme	
1.1	14
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	4941
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	973
Number of outgoing / final year students during the year:	
File Description	Documents

Institutional Data in Prescribed Format		View File
2.3		
Number of students who appeared for the examinations conducted by the institution during the year:		4906
File Description		Documents
Institutional Data in Prescribed Format		View File
3.Academic		
3.1		
Number of courses in all programmes during the year:		602
File Description		Documents
Institutional Data in Prescribed Format		View File
3.2		
Number of full-time teachers during the year:		281
File Description		Documents
Institutional Data in Prescribed Format		View File
3.3		
Number of sanctioned posts for the year:		53
4.Institution		
4.1		
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		525
4.2		
Total number of Classrooms and Seminar halls		75
4.3		
Total number of computers on campus for academic purposes		2509
4.4		
Total expenditure, excluding salary, during the year (INR in Lakhs):		3905.32

Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	

The institution is committed to the philosophy of continuous and strategic enhancement of its curriculum, ensuring alignment with evolving educational standards at local, regional, national, and global levels. This philosophy is embodied through well-defined Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) across all programs offered.

The curriculum encompasses a balanced mix of mandatory courses that provide foundational knowledge, elective courses that enable in-depth exploration of specialized areas, and project work that fosters practical, hands-on experience and research acumen. Its development is a dynamic and collaborative process, involving inputs from a wide range of stakeholders, including faculty, industry experts, alumni, and current students.

The institution embraces the principles of Outcome-Based Education (OBE), where each course is meticulously crafted with clear and measurable Course Outcomes (COs). These COs articulate the course's objectives, its alignment with overarching educational goals, and its applicability to prospective career paths.

To ensure the holistic development of students, In collaboration with Engineering Projects in Community Services (EPICS) of Purdue University, USA, several courses like Social Innovation, Engineering Exploration, Engineering Design Thinking & Product Realization have been included in the curriculum to service the community.

Programme Outcomes (POs) encapsulate the overarching goals of each program, equipping graduates with the knowledge, skills, and attitudes necessary to address contemporary challenges. Programme Specific Outcomes (PSOs) provide further refinement by addressing the specialized requirements of each program, ensuring that graduates are adept in their chosen areas of expertise.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://vardhaman.org/courses-syllabus/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

14

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

482

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

152

File Description	Documents
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Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

14

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institution recognizes the imperative of addressing cross-cutting issues within its curriculum to foster a holistic and socially responsible approach to education. Key among these are Professional Ethics, Gender Sensitization, Universal Human Values, Environmental Science and Technology, Environment and Sustainability, which are seamlessly integrated into the educational fabric.

Professional Ethics modules instil ethical decision-making frameworks, equipping students with the moral compass necessary for navigating complex professional landscapes with integrity and responsibility. Gender sensitization initiatives promote inclusivity and equity, fostering environments where all individuals can thrive irrespective of gender identity.

Human Values education instils empathy, compassion, and a sense of social responsibility, nurturing well-rounded professionals who prioritize ethical conduct and societal welfare. Concurrently, environmental sustainability is emphasized, instilling eco-consciousness, and promoting practices that mitigate environmental degradation.

At Vardhaman Institute, we recognize the importance of addressing key cross-cutting issues within our curriculum to foster a well-rounded and socially responsible education. These issues are essential for shaping graduates who are not only academically proficient but also ethically grounded and socially conscious. To achieve this, we integrate important themes such as Professional Ethics, Gender Sensitization, Universal Human Values, Environmental Science and Technology, and Sustainability into the educational experience.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

58

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

3747

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2084

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
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File Description	Documents
Provide the URL for stakeholders’ feedback report	https://vardhaman.org/feedback-on-curriculum/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website
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File Description	Documents
Provide URL for stakeholders’ feedback report	https://vardhaman.org/feedback-on-curriculum/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1487

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

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

525

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students’ learning levels and organises special programmes for both slow and advanced learners.

The college employs a transparent system to assess students' learning levels through diagnostic assessments, categorizing them into two groups: Category-1 (slow learners) and Category-2 (advanced learners).

Category-1 (Slow Learners): Students scoring 50% or less receive remedial support, including additional learning time, extra lessons, targeted assignments, and assessments. This personalized approach helps them catch up with the class, improve their academic performance, and build confidence.

Category-2 (Advanced Learners): Students scoring above 50% are provided with opportunities for advanced learning, such as Project-Based Learning (PBL), which allows them to work on real-world projects and collaborate with industry experts. They are encouraged to explore topics beyond the curriculum, interact with professionals, and prepare for competitive exams like GATE, MPSC, and UPSC. Additionally, they engage in coding challenges, hackathons, and research projects, sharpening their problem-solving skills. Online learning platforms like NPTEL and SWAYAM further enhance their knowledge in specialized areas, allowing them to take honors courses for additional with credits.

This structured approach ensures that each student receives the appropriate support or challenge to reach their full potential, fostering academic and personal growth. The college’s commitment to personalized learning helps all students thrive, regardless of their starting point.

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

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2024	4941	281

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

At Vardhaman Institute, we adopt a student-centric approach to foster both academic success and professional competencies. Our teaching methodologies focus on immersive, hands-on learning experiences, incorporating experiential learning, participative learning, and problem-solving techniques.

Experiential Learning bridges theory with practice through nano projects, micro projects, internships, and industry-oriented projects. These initiatives encourage creativity, critical thinking, and real-world problem-solving, preparing students for professional challenges. The capstone project integrates skills gained throughout the course to address complex engineering problems.

Participative Learning promotes active student engagement via flipped classrooms, blended learning, group discussions, debates, and peer learning sessions. These methods foster collaboration, critical thinking, and communication skills, encouraging students to take responsibility for their learning and engage in deeper discussions.

Problem-Solving Methodologies like Think-Pair-Share and project-based learning challenge students to think critically and creatively. These techniques promote collaboration and help students tackle real-world engineering problems, often in partnership with industry professionals.

Overall, Vardhaman’s approach ensures students are well-equipped with the knowledge, skills, and competencies required for both academic excellence and professional success in the engineering field.

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

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

At Vardhaman Institute, we prioritize supporting our faculty to ensure effective teaching and a positive learning environment for students. Faculty are encouraged to engage in open communication, foster student interaction, and create hands-on learning opportunities that reinforce theoretical concepts. Timely and constructive feedback is emphasized to guide student progress, while clear expectations and periodic assessments help students manage their time and reflect on their learning.

We also value diversity in learning styles, encouraging faculty to use varied teaching strategies to ensure all students can succeed. Collaborative teaching methods promote peer learning and inclusion. Faculty are encouraged to pursue lifelong learning and professional development, modeling adaptability to meet the evolving demands of education.

The integration of Information and Communication Technology (ICT) plays a crucial role in enhancing the learning experience. Faculty are trained to utilize tools like Learning Management Systems (LMS) such as Edmodo, Moodle, and Canvas, which streamline course management and facilitate communication, making learning more interactive and efficient.

Through continuous faculty development, the adoption of effective teaching practices, and the use of advanced technologies, Vardhaman Institute ensures that students receive a high-quality education, preparing them for success in their academic and professional careers.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vardhamancoe-my.sharepoint.com/:b:/g/personal/itsupport_vardhaman_org1/Eeh_pvP_hIlInElrL3IUw-0Brd1P-Y4KZOFYBMpn3uG8CA?e=wCbWDT
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

261

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

At Vardhaman Institute, we emphasize meticulous planning and coordination to ensure smooth academic program delivery. The preparation of the Academic Calendar is central to this process, involving discussions with department heads, faculty, and the Academic Committee, including the Principal and Deans. This collaborative approach ensures that the calendar aligns with institutional goals, covering curriculum, course schedules, exams, holidays, and co-curricular activities.

The Academic Calendar is prepared well in advance, with input from faculty and reviewed by the Academic Committee. Once finalized by the Dean (Academics), it is shared with all stakeholders, including faculty and students, at the beginning of the academic year. The calendar is publicly accessible on the institution’s website and notice boards for easy reference.

Each faculty member also prepares a detailed Academic or Lesson Plan for their courses, ensuring alignment with the syllabus and academic goals. These plans are documented in course files, which are monitored for adherence throughout the semester. Action taken reports help track progress and address discrepancies.

This systematic approach to academic planning fosters accountability, supports faculty, and ensures that students have a clear, structured learning experience, enhancing the overall quality of education at Vardhaman Institute.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

281

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

154

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers’ total teaching experience in the current institution)

1455

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

51

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students’ complaints/grievances against evaluation against the total number who appeared in the examinations during the year

34

File Description	Documents
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Upload the number of complaints and total number of students who appeared for exams during the year		View File
Upload any additional information		No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The college has introduced transformative IT reforms in its examination system to improve efficiency, accuracy, transparency, and fairness.

Online Registration and Results Access: Students register online for exams, ensuring accurate data management. Post-examination, results and credit transfers are accessible through a dedicated student portal, promoting transparency.

Automation of the Examination System: The process is largely automated to ensure reliability. This includes the use of Q Software for secure and consistent question paper generation, maintaining confidentiality.

Digital Attendance and Monitoring: The college uses the D-form system to track digital attendance for all exams, including laboratory tests. This system also flags potential instances of malpractice, ensuring strict adherence to examination protocols.

Anonymity and Online Evaluation: To ensure fairness, each answer booklet is assigned a unique code, anonymizing student identities during evaluation. Semester-end exams are evaluated online, enabling quicker and more consistent assessments with timely feedback.

These IT-enabled reforms have enhanced the examination system's robustness, streamlining administrative tasks while ensuring fairness, transparency, and support for student success.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vardhaman.org/examinations/

2.6 - Student Performance and Learning Outcomes

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

At Vardhaman Institute, our engineering programs are designed to equip students with the knowledge, skills, and attitudes necessary for successful careers. This is achieved through a systematic approach using Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs), which guide both teaching and learning.

Program Outcomes (POs) define the essential competencies students should develop by the end of their engineering program, including technical expertise, problem-solving, communication skills, and teamwork. These outcomes are measurable and aligned with professional practice.

Program Specific Outcomes (PSOs) are tailored to each discipline, focusing on specialized skills. For example, Civil Engineering graduates may focus on structural analysis, while Computer Science students emphasize software development.

Course Outcomes (COs) are detailed, student-centric goals for specific courses. These outcomes align with broader POs and PSOs, ensuring that students acquire the necessary knowledge and skills in each subject.

To maintain transparency, POs, PSOs, and COs are made accessible on the college website and displayed in classrooms. This visibility ensures that students, faculty, and stakeholders are aligned with the academic goals.

By aligning courses with these outcomes, we ensure that our graduates are industry-ready and well-prepared for professional challenges.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://vardhaman.org/courses-syllabus/

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

At Vardhaman Institute, we maintain high academic standards through a systematic framework that includes Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs). These outcomes define the knowledge, skills, and competencies students must gain, aligning COs with POs and PSOs to create a measurable learning path.

Mapping COs to POs and PSOs is done at the start of each semester by the Course Lead, ensuring course alignment with program goals. This process is evaluated based on predefined criteria to assess course effectiveness in achieving broader objectives.

To assess CO attainment, we use direct and indirect assessment tools. Direct tools include Alternative Assessments (projects, presentations), Continuous Assessment (mid-term exams), and Semester End Examinations (SEE), contributing 90% to the final evaluation. Indirect tools like the Course End Survey (CES) provide valuable student feedback, contributing 10%.

CO attainment is computed by averaging results from Continuous Internal Evaluation (CIE) and SEE, each weighted at 50%. This ensures comprehensive evaluation of student performance and achievement of POs and PSOs.

In conclusion, the mapping of COs to POs and PSOs, alongside the use of assessment tools, aligns our curriculum with academic standards and industry expectations, ensuring quality education and student success.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vardhamancoe-my.sharepoint.com/:b:/g/personal/itsupport_vardhaman_org1/EQ06M5JFyTRFtbK8Ys_1lUsBOL0yhv4tX4sg-r9yuUi7rw?e=6JcsBk

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

973

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://vardhaman.org/results/

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://vardhamancoe-my.sharepoint.com/:b:/g/personal/itsupport_vardhaman_org1/EaaCBfiqk_FJg0YcudURy8wBcwF5FL90ygXg25BWww1BZQ?e=Antkcl

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution’s research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Our institution fosters a vibrant research culture through a comprehensive policy framework, advanced facilities, and robust support systems, ensuring meaningful contributions to knowledge and innovation.

1. Research Policy and Guidance: The Research and Development Cell, guided by institutional leadership, formulates and updates research policies, outlining available support for faculty and student research.

2. Facilities and Infrastructure: The institution offers state-of-the-art research laboratories with cutting-edge instruments to support multidisciplinary research and meet evolving needs.

3. Plagiarism Check and Documentation: We prioritize research integrity, using tools like Turnitin to conduct plagiarism checks and ensuring alignment with global standards in documentation and publication.
4. Support and Funding: The Vardhaman Research Promotion Scheme (VRPS) provides financial grants for faculty research. As a DSIR-CIRO certified research institute, recognized by JNTUH, we offer transparent funding options, including Seed Money and Externally Funded Projects and all the details available on our website.

These initiatives, combined with strong institutional support, empower researchers to make impactful contributions, fostering innovation and addressing contemporary challenges. Our commitment to accessible, transparent research support positions us as a leader in academic and applied research.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://vardhaman.org/rd-policies/#1648025214432-adf8fc36-dc6b
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

32.22

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

83

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

165.59841

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

41

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vardhaman.org/research-projects/
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

47

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

13

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies’ website	https://vardhaman.org/research-projects/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Collaborative Research Initiatives, Centre for Innovation and Entrepreneurship (CIE), Entrepreneurial Development Activities, Strategic Partnerships, Industry and Academic Collaborations, Legal and Intellectual Property Support, MSME Business Incubator, EPICS Program are the dedicated centers that promotes innovation, transfer of knowledge, contribution to society and industry. This synergy enhances learning and drives impactful outcomes

Student-led Startups, Boot Camps and Entrepreneurship Awareness Camps, Industrial Visits, Hackathons, Entrepreneurship Development Institute of India (EDII) and Ministry of Micro, Small & Medium Enterprises (MSME) partnerships, Company Registrations, Intellectual Property Rights (IPR) Filings initiatives not only prepare students for dynamic careers but also position them as change-makers capable of driving meaningful advancements in their fields.

Vardhaman College of Engineering’s Centre for Innovation and Entrepreneurship has been instrumental in supporting a wide array of successful startups and innovations, few notable achievements include Rejolt EdTech, Metasketch Technologies, Yayin AI Lab Private Limited etc.,

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman-hub.co/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

87

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above
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File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

18

File Description	Documents
URL to the research page on HEI website	https://vardhaman.org/research-objectives/teachers-recognized-as-guides/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

1.115

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

1.109

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhamancoe-my.sharepoint.com/:x:/g/personal/itsupport_vardhaman_org1/ESXXsIYFrJ9Mnnn1hc16DbwBT4fwq-e7xKKRfzu3uzFbQA?e=rM68vC

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

2879

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - h-Index of the University

3.4.6.1 - h-index of Scopus during the year

44

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

53.0829

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

3645800

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Through a variety of extension activities, our institution encourages students to actively participate in initiatives that foster their holistic development while making a meaningful impact on the community.

- Vardhaman College is a recognized NCC center, currently home to 160 enrolled students. Additionally, the college has organized over 160 extension and outreach activities, primarily through its NSS and NCC programs. These efforts have played a crucial role in fostering community engagement and promoting social responsibility, further reinforcing the Institute’s commitment to making a positive impact on society.
- National Service Scheme (NSS) Initiatives including, Blood Donation Drives, Support for Local Orphanages, Medical Camps. These initiatives cultivate a strong sense of social responsibility among students, preparing them to contribute positively to society.
- Our college conducts Educational Programs for Local Children, aim to: Enhance access to quality education, Create a nurturing environment that supports both academic achievement and personal growth for young learners.

4. Environmental and Cleanliness Drives like Tree Plantation Drives, Community Cleanliness Campaigns instill values of environmental stewardship and responsible citizenship.

5. Support for Orphaned Children provide Emotional Support and Engagement Activities

This initiative nurtures a culture of empathy and compassion within the student body.

Transformative Impact

Through these diverse extension activities, our institution not only contributes to the well-being of the local community but also ensures the development of students as well-rounded, socially responsible individuals. These experiences prepare students to become leaders who are attuned to societal challenges and committed to creating a positive impact in their professional and personal lives.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhamancoe-my.sharepoint.com/:b:/g/personal/itsupport_vardhaman_org1/ETNwtw7oYINGtYQJ4IWpQnQBmPEPkMaof_0sPiA9NmDy1Q?e=QJn3vR

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

10

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

14

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2161

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

1531

File Description	Documents
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Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

51

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Since its establishment in 1999, the college has developed an impressive, state-of-the-art infrastructure, equipped with modern facilities and comprehensive learning resources that exceed the standards set by statutory bodies such as UGC, AICTE, and JNTUH. The college spans a total land area of 14.24 acres, which surpasses the prescribed requirements. Additionally, the areas dedicated to access and circulation, amenities, administrative functions, and instructional spaces all exceed the overall built-up area mandated by regulatory guidelines.

More than 80% of the smart classrooms and the Makerspace (Innovative Hub) facilities are available to foster and support students' innovative ideas. All laboratories are fully equipped with latest state-of-the-art technology and equipment. Adequate Administrative and support facilities are also available to foster academic requirements. There are sophisticated IT facilities like 2500+ Computers, 90+ Printers, 9 Legal System Software and 47 Legal Application Software, 130 Multimedia Projectors, 1500 Mbps of Internet Bandwidth and 70 secured Wi-Fi connectivity access points. A health computing ratio of 1:2 computer to student against the prescribed ratio of 1:6 is being maintained. The Central Library with an area of 2,788 SQM is located in two floors with a seating capacity of 500. The digital library is equipped with 30 PCs which are connected with Wi-Fi and LAN for fast and seamless access of the Internet for streaming NPTEL lectures and using e-Resources for the benefit of its users.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/infrastructure-built-up-area/

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

Vardhaman College of Engineering provides a state-of-the-art infrastructure that supports a diverse range of extracurricular activities, ensuring a balance between academic pursuits and personal development.

Cultural Facilities

The campus features two modern auditoriums with seating capacities of 1,200 and 600, serving as key venues for cultural events such as the annual flagship festival, 'ORTUS'. This festival showcases student creativity through musical concerts, art exhibitions, and other cultural activities. Active student clubs like Nritya (dance), Reflexa (fitness), Crew Capella (music), and the Literary Club (writing) further enrich the cultural ecosystem.

Sports Facilities

The college boasts a professional cricket stadium with floodlights and a turf pitch, facilitating both day and night matches. Additionally, facilities for basketball, badminton, football, and other indoor and outdoor games provide ample opportunities for sports enthusiasts.

Wellness and Yoga Center A dedicated wellness and yoga center emphasizes the importance of mental and physical well-being, offering students a space for mindfulness and rejuvenation.

Professional Guidance All activities related to culture, sports, and wellness are supervised by experienced physical education instructors, ensuring professional training, skill development, and overall health promotion.

By integrating these facilities into campus life, Vardhaman College of Engineering creates a well-rounded environment that nurtures academic excellence, personal growth, and community building, preparing students for success in all spheres of life.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/sports-gymnasium/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

75

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

1038.67

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Our central library is at the forefront of technological integration, fully automated through the use of NewGenLib (NGL) Helium v3.2, an open-source, web-based Integrated Library Management System (ILMS). This advanced system incorporates barcode technology, enhancing both the efficiency and user experience of library services.

1. Barcode System: The implementation of barcode technology streamlines the management of library resources. It accurately tracks the footfall of users by registering their check-in and check-out details.

2. Automated Self-Service Kiosk: To further enhance user autonomy and convenience, the library features an automated self-service kiosk. This allows students to issue and renew books independently. After each transaction, the kiosk generates an automatic receipt, providing a record of the transaction and ensuring transparency.

3. NGL Counter: User statistics are obtained by using the NGL Counter instead of the manual gate register, which is mandatory for check-in and check-out of library users.

4. Online Public Access Catalogue (OPAC): The library offers an Online Public Access Catalogue (OPAC), an essential tool that allows students to easily search and locate books within the library’s extensive collection. OPAC is accessible from both on and off-campus, ensuring that students can always reach valuable academic resources.

5. Digital Resources: Complementing our physical collections, the library provides access to a vast digital repository. Students can access approximately 10969 e-journals of high repute and over 3.5 million e-books.

These technological enhancements not only improve the functionality of the library but also enrich the learning experience of our students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/central-library/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above
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File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)
23.54

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)
4.2.4.1 - Number of teachers and students using the library per day during the year
1129

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The IT infrastructure of the college is maintained by trained and experience professionals. The Computer Centre was established in 2009 headed by experienced faculty supported by team of Network and System Administrators and software developers. The objective of computer centre is to provide state-of-the-art and robust hardware facility, software’s and networking support for securely maintaining the College Academics, Administration, Examinations and Research related activities.

The Computer laboratories are being upgraded from time to time to provide the best computational infrastructure to the students. The Infrastructure consists of one Gbps Fiber optic cable network of 4 kms connecting all the building blocks of the college; Wired and Wi-Fi equipment of 138 Hub racks, 275 network switches, 130 routers etc; High end sever with gold processor and GPU, 22 Servers using virtualization technologies hosting different applications which provide computational environment; Internet Facility of 1500 Mbps from Inet Fiber Pvt Ltd & Pioneer e-Labs. Providing Wi-Fi across the college campus; 9 System software’s and 40Application software’s; 170 Air conditioners to maintain 2509 computers in various laboratories, 1500 Mbps band with research centers and administrative offices. The ICT equipment of 125 multimedia projectors and 8 Interactive boards, 22 Public Address Systems, 10 Sound mixers; 66 Biometric Finger-Print, Face Recognition, Aadhaar Enabled Attendance System and Access card equipment; 50 Fire protection and safety equipment; and 425 CC Cameras surveillance equipment for campus safety and management.

It maintains exclusively two computer labs for internet browsing, one server room, one control room and one maintenance room for networking.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/computer-centre/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4941	2509

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ≥50 Mbps
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File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	Facilities A. All four of the above
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File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/computer-science-and-engineering/cse-e-resources-5/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

2866.63

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

The institute has well defined policy for maintenance and utilization of all its physical, academic and support facilities to ensure a conducive learning environment. Academic facilities such as Classrooms, Seminar halls and Laboratories, department office, staff rooms, admin office libraries and computer centers are managed by designated staff who ensure that resources are up-to-date and in good condition. Support facilitieslike hostels, cafeterias, and common areas are maintained through housekeeping services, ensuring cleanliness and hygiene.

The Supervisor and team are involved in the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing, gardening, housekeeping water treatment plants, sewage systems, and electrical infrastructure. Adequate in-house staff is employed to meticulously maintain hygiene and cleanliness on the campus so as to provide a congenial learning environment. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the Administrative officer. The requirements are collectively processed in every semester break to keep things ready for the new semester.

Overall, the college policy emphasizes regular maintenance, timely repairs, and efficient utilization of all facilities to support academic excellence and holistic student development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhamancoe-my.sharepoint.com/:b:/g/personal/itsupport_vardhaman_org1/EQgfbSgx-r5EiIJVnn2FmnoBYnCiltkEub_B7CURECV0yQ?e=hzCjvI

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2611

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

103

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students’ capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://cdc.vardhaman.org/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

867

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students’ grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students’ grievances Timely redressal of grievances through appropriate committees	A. All of the above
--	---------------------

File Description	Documents
Minutes of the meetings of students’ grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

669

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

191

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

211

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

15

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Our institution is committed to fostering an inclusive environment where students actively participate in key academic and administrative committees, ensuring their voices are integral to decisions impacting their learning and campus experience.

Student Council Representation

The Student Council acts as a vital link between the student body and the administration, representing their interests and addressing their concerns effectively.

Engagement in Institutional Committees

Students contribute significantly as members of important committees such as:

- Internal Quality Assurance Cell (IQAC), focusing on maintaining and enhancing the quality of education and infrastructure.
- Internal Complaints Committee, ensuring a respectful and safe campus environment.
- Anti-ragging Committee, fostering an inclusive and welcoming academic atmosphere.

Clubs and Societies

Students actively participate in technical, cultural, and sports clubs, providing platforms to explore their interests, enhance skills, and take on leadership roles.

Technical Committee Roles

Involvement in professional chapters like IEEE, ISTE, and CSI allows students to engage with industry standards and technical innovations.

Open House Interaction

Regular open house sessions enable students to communicate directly with faculty and administration, sharing feedback and suggestions to enhance their campus experience.

Empowering Student Leadership

By engaging students in these diverse roles, the institution ensures their active involvement in shaping their academic and extracurricular experiences. This participation not only enriches their education but also equips them with leadership skills, a sense of responsibility, and community engagement, preparing them to excel in their professional and personal lives.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

28

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Vardhaman Alumni Association was officially registered and became functional under the Telangana Society Registration Act, 2001, on 8th October 2024.

Our college takes pride in its dynamic alumni network, consisting of thousands of successful professionals contributing to top Indian and global technology firms. The network actively supports the institution’s mission by fostering connections that promote academic and professional growth for current students.

Key initiatives include the annual alumni gathering, 'Mitra,' which provides a platform for alumni and stakeholders to connect, collaborate, and share ideas. This event is held on-campus and at international venues. Additionally, the college maintains an active digital presence, utilizing platforms like LinkedIn to facilitate communication between alumni and students, bridging the gap between academic learning and career opportunities.

Alumni are also directly involved in academic and professional development by delivering expert talks, conducting sessions, and offering specialized training, enriching the academic experience with real-world industry insights. Furthermore, their feedback is instrumental in shaping the college curriculum to meet global job market demands, ensuring students’ competitiveness and employability.

These initiatives collectively enhance the college's ecosystem, fostering collaboration, continuous improvement, and empowering students to succeed in their careers while nurturing lifelong ties with their alma mater.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://alumni.vardhaman.org/

5.4.2 - Alumni’s financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision: To be a pioneer institute and leader in engineering education to address societal needs through education and research for sustainable future.

Mission: To adopt innovative student centric learning methods; To enhance professional and entrepreneurial skills through industry institute interaction; To train the students to meet dynamic needs of the society and to promote research and continuing education

1. **Effective Governance Reflecting Visionary Leadership:** At the heart of our institution’s governance is a commitment to leadership that embodies and furthers our vision and mission.
2. **The Governing Body (GB):** The Governing Body of our institution operates under the strict guidelines established by apex educational bodies, ensuring compliance and excellence in governance. Chaired by the Principal, who serves as the Member Secretary, the GB is responsible for making critical decisions that influence admissions, budget allocations, infrastructure development, teaching-learning methodologies, and placement strategies.
3. **Transparent and Decentralized Approach:** Our governance model is characterized by its transparency and decentralized execution, which promotes inclusiveness and responsiveness. This approach facilitates active participation from all stakeholders-students, faculty, staff, and alumni-allowing them to contribute their insights and suggestions.
4. **Regular Strategic Meetings:** The Head of the Institution plays a crucial role in maintaining the momentum of our governance model. Regular meetings are convened across all the critical committees.

In summary, the governance at our college is a reflection of effective leadership, deeply in tune with our foundational vision and mission.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vardhaman.org/governingbody/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Our college is dedicated to embodying effective leadership through key organizational practices that emphasize decentralization and participative management. This approach not only streamlines governance but also enhances the overall institutional efficacy.

1. **Decentralized Administration:** VCE champions a decentralized administration system, assigning specific responsibilities to various deans and committee heads. This structure not only streamlines administrative processes but also enhances the efficacy and accountability of each department.
2. **Participative Management:** In line with the ethos of participative management, our college actively involves various stakeholders in the governance process. This inclusive approach ensures that the diverse perspectives of all community members are considered in decision making, thereby enriching the academic and administrative environment
3. **Statutory and Non-Statutory Committees:** To further support our decentralized and participative governance model, the college has established several statutory and non-statutory committees.
4. **Regular Meetings and Transparent Communication:** Each committee meets regularly to review their progress, address any issues, and ensure that their activities align with the overall college norms and standards. These meetings are crucial for maintaining continuous communication and collaboration across various departments. To promote transparency, minutes of these meetings are meticulously recorded, circulated to all committee members, and made accessible to the wider college community via the college website.

Through these practices, our college demonstrates effective leadership that is both responsive and responsible. The decentralization and participative management approaches ensure that our institution remains adaptive to change, open to innovation, and committed to inclusive governance.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://vardhaman.org/mandatory-disclosure/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The college has a comprehensive five-year strategic plan in place, crafted in 2021 by the Planning and Evaluation Committee with inputs from various stakeholders. This strategic plan outlines the institution's roadmap from 2021-22 to 2025-26, focusing on six key areas: Governance,

Physical Resources, Human Resources, Education Processes, Research and Innovation, and Institutional Perception.

Objectives of the Strategic Plan

- 1. Governance: Develop and update governance models and processes to ensure greater autonomy and effective leadership at all levels.
- 2. Physical Resources: Augment infrastructure to facilitate a holistic and enriching educational environment for learners.
- 3. Human Resources: Position the institution as a preferred destination for talented faculty and staff, meeting the needs of industry and society.
- 4. Education Processes: Provide a multidisciplinary education that integrates knowledge, skills, and attitudes in a vibrant and supportive environment.
- 5. Research and Innovation: Enhance the quality and scope of research, driving innovations that have significant societal and industrial impact.
- 6. Institutional Perception: Elevate the visibility of the institution to align with globally reputed institutions.

Implementation Strategies and Targeted Actions are Foster leadership, Ensure transparency and accountability, Recruit and retain highly competent faculty and staff, Strengthen academic programs, Build research collaborations, Seek Deemed-to-be University status, raising the institution’s academic and administrative profile.

Path to Success: The strategic plan is being implemented with consistent actions and timelines, ensuring measurable progress toward achieving the set objectives. This structured approach will position the institution as a leader in academic excellence, research, and innovation, creating a lasting impact on students, faculty, and the broader community.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://vardhaman.org/quick-links/
Upload any additional information	No File Uploaded

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

At our college, governance is recognized as the cornerstone of educational excellence and operational success. Through well-defined policies, SOPs an organized administrative structure, and we ensure effective and transparent institutional operations.

a) Structured Governance for Institutional Effectiveness: The college is committed to creating an environment that supports structured and efficient governance. This is evident in the organization of various institutional bodies that align all operations with strategic objectives.

b) Operational Excellence through Defined Policies: Governance policies and administrative procedures are meticulously designed to uphold the highest standards of transparency and operational efficiency, ensuring that academic and administrative goals are seamlessly executed.

c) Comprehensive Committee Framework: The institution has established a range of statutory and non-statutory committees to manage daily operations and strategic initiatives. These committees play a pivotal role in ensuring each functional area operates effectively within its defined framework while contributing to overall institutional progress.

d) Transparency and Accessibility: Transparency is a priority across all institutional activities. The college website acts as a centralized information hub, offering accessible details about policies, administrative structures, and the procedures governing academic and administrative processes.

e) Strategic Planning and Monitoring: The strategic planning process is dynamic and robust, with plans closely monitored by the Governing Body. This oversight ensures the institution not only sets ambitious goals but also achieves them efficiently, contributing to sustained growth and excellence.

By emphasizing structured governance and transparency, the college ensures a cohesive operational framework that supports its mission of delivering educational excellence and institutional progress.

File Description	Documents
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Paste link to Organogram on the institution webpage	https://vardhaman.org/mandatory-disclosure/
Upload any additional information	View File
Paste link for additional Information	https://vardhaman.org/governingbody/

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
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File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Our institution places a strong emphasis on ensuring that faculty and staff are equipped, motivated, and appreciated in their roles. This belief in the value of our employees informs all our policies and practices, fostering a positive work environment that enables them to contribute effectively to our mission of educational excellence. 1. Supportive and Enriching Work Environment: Recognizing that the success of the institution is driven by the dedication of its employees, we provide a range of facilities aimed at promoting their well-being. These measures ensure that faculty and staff feel valued and supported in both their professional and personal lives. 2. Performance Evaluation and Recognition: An annual performance-based self-appraisal system is in place for faculty, demonstrating our commitment to their professional growth and recognizing their contributions. 3. Professional Development Support: The college invests significantly in the professional development of its staff by offering: ◦ Financial support for research activities. ◦ Funding for participation in seminars and conferences. ◦ Assistance with publishing papers, obtaining professional memberships, and filing patents. ◦ Seed funds for new research projects. ◦ Support for pursuing Ph.D. qualifications. 4. Comprehensive Employee Benefits: To ensure the welfare of our employees, the institution provides a wide range of benefits, including medical insurance, medical facilities, free transport, annual increments, Employee Provident Fund (EPF), gratuity, recreational trips, crunche, and generous leave policies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/policy-documents/

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

142

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

74

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

211

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Our institution places a high priority on maintaining financial integrity and transparency. As part of our commitment to accountability, we conduct regular internal and external financial audits.

1. Comprehensive Audit Practices: The college is registered under Section 12A of the Income Tax Act, reflecting our compliance with important regulatory frameworks. To ensure thorough oversight of our financial practices, we engage the services of authorized and recognized auditors and Chartered Accountants. These professionals conduct both internal and external audits, offering an independent assessment of our financial statements and procedures.

2. Government Oversight and Fee Reimbursement: In addition to our internal mechanisms, the Tuition Fee and Admission Regulatory Committee (TAFRC) of the state government plays a pivotal role in monitoring our financial operations.

3. Regular Reviews and Systematic Record-Keeping: Our Finance Committee plays a crucial role in the financial governance of the college by reviewing financial planning and operations periodically. Audits are conducted quarterly to ensure ongoing compliance and to address any issues proactively. Detailed records of all financial transactions, including payments, transactions, ledger accounts, and cash books, are meticulously maintained to ensure accuracy and completeness.

4. Transparency and Public Access to Information: In our commitment to transparency, all financial statements and outcomes of the audits are published on the college website.

Through these structured and comprehensive audit practices, our institution ensures that it remains financially sound and accountable, reflecting our overarching commitment to excellence and integrity in all aspects of our operations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/mandatory-disclosure/

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

At our institution, we understand that effective financial management is crucial for sustaining and enhancing our educational offerings. Our strategic approach to mobilizing funds and optimizing resource utilization is designed to ensure financial stability while advancing our commitment to educational excellence.

1. Annual Budget Preparation and Fund Mobilization: The process of budget preparation is led by the head of the institution, ensuring that it reflects our strategic priorities and financial capabilities. The primary source of our funds is tuition fees, which constitute a significant portion of our revenue. To aid in comprehensive budget planning, the heads of all departments and coordinators of different cells submit their projected budget needs for the upcoming financial year to the Principal. This collaborative approach ensures that all areas of our institution are adequately funded to meet their operational and developmental needs.

2. Governance and Financial Oversight: All major financial transactions undergo rigorous scrutiny by the Governing Body, which categorizes expenditures under various heads such as salary, research and development, training and placement, software and internet charges, library books and journals, repairs and maintenance, printing and stationery, equipment and consumables, furniture, and fixtures.

3. Maintaining Quality Standards: Committed to maintaining high quality benchmarks, our management does not hesitate to secure loans when necessary to fund critical improvements and expansions. This readiness to invest in quality enhancements demonstrates our commitment to providing the best possible educational environment for our students.

Through these strategic financial practices, our institution ensures strategically invests in future growth and development.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vardhaman.org/mandatory-disclosure/

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

At the forefront of our institution commitment is strong emphasis on quality this commitment is, the Internal Quality Assurance Cell (IQAC), which plays a pivotal role in enhancing the quality of education we offer.

1. Proactive Benchmark Setting and Quality Enhancement: The IQAC proactively works on setting educational benchmarks and improving the quality of education by considering various performance and quality parameters.

2. Monitoring and Reporting: The functioning of the IQAC is closely monitored by the Governing Body, which requires regular reports on the quality benchmarks achieved. This oversight ensures that the IQAC's initiatives are aligned with the institution's goals and are effectively contributing to our continuous improvement agenda.

3. Accreditation Achievements: Under the guidance of the IQAC, our college has made significant strides in securing prestigious accreditations and maintaining high standards of educational excellence. We have achieved NBA accreditation for six undergraduate programs under the Tier I category, and one postgraduate program a testament to the quality of our engineering education. Furthermore, the institution has been accredited by NAAC with an A++ grade and a CGPA of 3.58, reflecting our commitment to achieving and sustaining the highest standards of academic quality.

4. National Rankings: Our efforts have also been recognized in national rankings, with promising positions in the NIRF.

5. Faculty Development and Expert Engagement: In addition to these achievements, the IQAC takes initiatives to continually develop our faculty's capabilities.

Through these comprehensive efforts, the IQAC supports exemplary educational standards and continuous improvement.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/iqac/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC at our institution actively monitors and reviews the teaching-learning process, ensuring it meets the highest standards of academic excellence.

1. Academic Audits and Curriculum Enhancement: To maintain these standards, the IQAC conducts academic audits at regular intervals. These audits are crucial for assessing the efficacy of current teaching methodologies and curriculum alignment with industry and societal needs. The adoption of the Choice Based Credit System (CBCS) and adherence to the AICTE model of 160 credits for engineering programs exemplify our commitment to offering flexible and comprehensive education pathways.

2. Innovative Course Offerings: In response to the evolving educational landscape, our institution has introduced innovative courses such as Social Innovation and Engineering Exploration, modeled after the EPICS program at Purdue University, USA. These courses are specifically designed to address the changing societal needs and to cultivate core human skills among students, preparing them for diverse challenges and opportunities in their future careers.

3. Outcome-Based Education and Quality Assurance: Further, the IQAC plays a critical role in reviewing the attainment of course outcomes (COs), program outcomes (POs), and program-specific outcomes (PSOs). This rigorous evaluation process helps in fine-tuning our academic programs and ensuring that they achieve the intended educational objectives.

Standardization of Assessment Practices: The IQAC also focuses on standardizing the quality of question papers, which plays a pivotal role in maintaining academic integrity and assessment reliability. By ensuring that examination papers are both challenging and fair, the IQAC upholds the institution's standards of excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/iqac/

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above
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File Description	Documents
Paste the web link of annual reports of the Institution	https://vardhaman.org/iqac/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

Our institution is dedicated to promoting gender equity throughout our educational and administrative systems.

1. Workforce and Student Body Composition: Gender representation within our institution reflects our commitment to equity, with women comprising 28% of our workforce and 32% of our student body.

2. **Equal Opportunities for Female Employees and Students:** Notably, many key positions within the college, such as the Dean of IQAC and various department heads, are held by women, highlighting the inclusive nature of our professional environment. Similarly, female students are encouraged to assume leadership roles within student organizations, serving as presidents, vice presidents, secretaries, and other pivotal roles. This empowerment helps foster a culture of leadership and participation among our female student body.
3. **Grievance Redressal and Safety Measures:** To address and resolve any issues specifically faced by women, our institution operates a dedicated grievance redressal cell.
4. **Health and Safety Initiatives:** The safety and well-being of our female students are paramount. Our women’s hostel is equipped with comprehensive security measures, including round-the-clock security personnel, CCTV surveillance, solar fencing, and an in-house warden to ensure a secure living environment. Additionally, we have installed sanitary napkin vending machines and incinerators to promote health and hygiene. A lady doctor visits the campus daily to provide medical care, and a dedicated ambulance service is available to address any emergencies promptly.
5. **Educational Programs on Gender Sensitization:** VCE offers Gender Sensitization course to educate all students about gender equity

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vardhaman.org/policy-documents/

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

We have implemented a systematic approach to waste management that focuses on ensuring both degradable and non-degradable materials are handled responsibly.

1. **Segregation of Waste:** This process begins with designated bins placed strategically across all campus blocks. The collected waste is then handled according to its classification, ensuring efficient recycling and reduction of waste sent to landfills.

2. **Daily Collection and Disposal:** Trash cans are provided at multiple locations on every floor of every block to collect dry waste, primarily non-degradable. This waste is gathered daily that ensure it is processed according to environmental regulations.

3. **Promotion of a Green Campus:** In line with our commitment to sustainability, our campus actively promotes green practices. One significant initiative is the conversion of vegetable and food waste from our dining facilities into vermicompost.

4. **Innovative Use of Non-Degradable Waste:** To address the issue of plastic waste, our institution is working towards a plastic-free environment. We encourage the use of reusable materials and have introduced innovative projects like creating vertical gardens using recycled plastic water bottles.

5. **Handling Hazardous Waste:** The management of hazardous waste from our laboratories and disposal items is handled with utmost care. Organic solvents and other chemicals are collected in specially designated containers, which are securely closed and labeled as hazardous.

6. **Water Recycling:** Water from various processes is treated and recycled for use in gardening, reducing the demand for freshwater and contributing to sustainable water management practices.

We have established Memorandums of Understanding (MoUs) for the management of waste, e-waste, and hazardous waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus		A. Any 4 or all of the above	
File Description		Documents	
Geotagged photographs / videos of the facilities		View File	
Any other relevant information		No File Uploaded	
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	
Geotagged photos / videos of the facilities		View File	
Various policy documents / decisions circulated for implementation		View File	
Any other relevant documents		No File Uploaded	
7.1.6 - Quality audits on environment and energy undertaken by the institution			
7.1.6.1 - The institution’s initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities		A. Any 4 or all of the above	
File Description		Documents	
Reports on environment and energy audits submitted by the auditing agency		View File	
Certification by the auditing agency		View File	
Certificates of the awards received		No File Uploaded	
Any other relevant information		No File Uploaded	
7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.		A. Any 4 or all of the above	
File Description		Documents	

Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	No File Uploaded

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

Our institution embraces students and staff from diverse cultural, linguistic, and social backgrounds, enriching the educational experience and fostering a broader appreciation of global perspectives.

1. **Understanding and Tolerance:** Promoting understanding and tolerance among community members is a core part of our mission. Students and staff are encouraged to actively engage with and learn from one another's unique backgrounds, fostering mutual respect and collaboration.

2. **Establishment of a Community Centre:** to Serve Surrounding Villages seeks help for local residence to meet the needs of community. To ensure the holistic development of students and collaborative learning, In collaboration with Engineering Projects in Community Services (EPICS) of Purdue University, USA, several courses like Social Innovation, Engineering Exploration, Engineering Design Thinking & Product Realization have been included in the curriculum to service the community.

3. **Cultural Celebrations:** The institution celebrates diversity through various cultural events and regional showcases held throughout the academic year. These events provide a platform for students to share and celebrate their heritage, fostering community bonds and a deeper appreciation of cultural differences.

4. **Education in Universal Human Values:** Courses such as Universal Human Values are integrated into the curriculum, focusing on principles that transcend cultural and social differences, emphasizing empathy, respect, and core human values.

Commitment to an Inclusive Environment

Through these initiatives, our institution creates a vibrant and inclusive campus that values diversity. This approach not only enhances the educational experience for all but also prepares students to be thoughtful, globally aware citizens capable of contributing meaningfully to society.

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

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

Our institution is committed to nurturing a deep sense of civic responsibility and national pride among our students and staff. We believe in the importance of understanding the rights and duties of citizens to cultivate a well-informed and active citizenry. Through a variety of educational and celebratory activities, we aim to instill a strong appreciation for our nation's heritage and democratic values.

1. **Celebrating National Events:** Significant national holidays, such as Independence Day and Republic Day, are marked with great enthusiasm at our institution. These celebrations are accompanied by events that educate the community about the historical and cultural significance of these days.

2. **Promoting Voter Awareness:** Recognizing the importance of active participation in the democratic process, our institution conducts voter awareness drives. These programs are especially targeted at new voters, educating them about the importance of their vote and detailing the electoral process.

3. **Educational Initiatives on the Constitution:** To deepen the understanding of our country's legal framework, students are also educated about the Indian Constitution course we offered in our curriculum. These educational sessions are designed to impart knowledge of the fundamental principles and provisions of the Constitution, enhancing awareness of their rights and responsibilities as citizens. This initiative helps in building a legally literate community that respects the rule of law and understands the mechanisms that protect their freedoms and rights.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File

Any other relevant information		No File Uploaded
7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized A. All of the above		
File Description		Documents
Code of Ethics - policy document		View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims		View File
Any other relevant information		No File Uploaded
7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals Our institution emphasizes the celebration of national and international commemorative days, using them as opportunities for education, cultural enrichment, and community building. These events enhance the cultural and intellectual vibrancy of our campus, fostering a deeper understanding of important values and achievements. 1. Diverse Celebrations: We commemorate various events, including: - Teachers' Day: Honoring educators' contributions to society. - NSS Day: Promoting community service and student involvement in societal development. - Science Day: Celebrating global scientific contributions and encouraging research. - Women's Day: Addressing gender equality through discussions on women's achievements. - Freedom Fighters' Day & National Unity Day: Instilling patriotic values and unity. - Engineers' Day: Recognizing engineers' vital contributions and inspiring innovation. 2. Outcomes of Celebrations: These commemorations aim to: - Cultivate a Holistic Educational Environment: Offering platforms to engage with social responsibility, innovation, and equality. - Foster Pride and Responsibility: Inspiring students to reflect on their roles as active contributors to society. - Promote Intellectual and Cultural Growth: Enriching students' learning experiences with values of patriotism, unity, and global citizenship. Through these celebrations, the institution nurtures academic excellence and the development of informed, socially responsible individuals.		
File Description		Documents
Annual report of the celebrations and commemorative events for during the year		View File
Geotagged photographs of some of the events		View File
Any other relevant information		No File Uploaded
7.2 - Best Practices 7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC Title: Gyan Ganga: Technology-Enhanced Learning Environment Objective The "Gyan Ganga" initiative aims to transform the educational experience by integrating advanced technologies to create a dynamic and inclusive learning environment. It focuses on delivering engaging and interactive education through multimedia tools, enabling students to grasp complex concepts more effectively. The initiative also facilitates high-quality hybrid and virtual learning, ensuring that students can access		

education seamlessly, whether in physical classrooms or online. Furthermore, it extends the reach of quality education beyond institutional boundaries by leveraging platforms like YouTube, thereby benefiting a global audience and democratizing access to knowledge.

Title: Empowering Research Leadership through Effective Practices and Strategic Collaboration

Objective

The objective of this initiative is to foster a culture of research excellence and leadership by mentoring colleges and promoting strategic collaborations. It aims to enhance the research capabilities of institutions by sharing best practices and knowledge, ensuring that colleges can strengthen their research output and quality. Additionally, the initiative focuses on building and nurturing strategic collaborations with academic, industry, and global research partners, creating a network of shared expertise and resources. By fostering these collaborations, the initiative seeks to cultivate a sustainable environment for interdisciplinary research that addresses real-world challenges, driving innovation and societal impact.

File Description	Documents
Best practices in the Institutional website	https://vardhaman.org/igac/best-practices/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Vardhaman College of Engineering (VCE) fosters innovation and entrepreneurship through its Centre for Innovation and Entrepreneurship (CIE), which provides a comprehensive ecosystem to nurture creativity, resilience, and lifelong learning. CIE supports technology-driven entrepreneurship among students and alumni by connecting ideas, mentorship, and resources, transforming them into commercially viable ventures.

CIE’s incubation framework comprises two phases: Pre-Incubation and Incubation. The Pre-Incubation Phase (6-12 months) supports early-stage ideas with training, mentoring, and facilities like co-working spaces. Key activities include orientation, ideathons, and mentorship, aided by V-Hub. The Incubation Phase (1-3 years) helps mature ideas into startups through product development, IPR support, and commercialization, managed by VEC-CRIF.

Notable achievements include awards for startups like Rejolt EdTech and wins at events like Smart India Hackathon and IEEE Project Expo. Industry collaborations and funding, such as grants from DST-STI Hub and AICTE, bolster innovation and skill development initiatives.

Through initiatives like V-Hub and strategic collaborations, VCE empowers students to build impactful startups, contributing to India’s socio-economic growth. By nurturing talent and providing robust support, VCE is establishing itself as a hub for innovation and entrepreneurship.

File Description	Documents
Appropriate link in the institutional website	https://vardhaman.org/igac/institutional-distinctiveness/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Accreditation Board of Engineering & Technology (ABET)
2. NBA 6Programs Accreditation – 6 Years
3. M.Tech Structural Engineering NBA Accreditation
4. Workplace Assessment for Safety and Hygiene (WASH)
5. Higher Learning Accreditation Consultant & Training (HLACT UK)
6. QS India I-Gauge University Rankings
7. University Status of Vardhaman College of Engineering