



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	Vardhaman College of Engineering
• Name of the Head of the institution	Dr. 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-calender/					
5.Accreditation Details						
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	
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.)?						
Institution/ Department/Faculty/School	Scheme			Funding Agency	Year of Award with Duration	Amount
Institution	Scientific and Industrial Research Organisation(SIRO)			DSIR	09/09/2021	0
Institution	R&D Center			JNTUH	31/03/2018	0
Institution	MSME- BI			MSME	07/03/2022	0
Institution	IDEA Lab			AICTE	02/12/2022	0
Institution	SEED			DST	30/03/2021	18768066
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			3			
• 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)
NAAC sponsored National level Seminar on "Effective Implementation of NEP 2020 in the Realm of Engineering Education" organized
NBA Accreditation Period Extended with compliance for five UG Programs for three years till 30th June 2025 and One more UG Program got NBA Accredited for three years till 30th June 2024
NIRF 2023 Ranking: Vardhaman College of Engineering is Ranked 151-200 in Engineering Category
Open House Program conducted for B.Tech students, received constructive feedback and thoughtful ideas from the students to further improvement of the college in all aspects
Proposed to start one B. Tech UG CSE(Data Science) Program

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 Civil Engineering	B.Tech - Civil Engineering Program got Accredited for Three Years under Tier-I from 2021-2024
NBA Compliance for 5 UG programs (CSE, IT,ECE, EEE & ME)	5 UG Programs got further accredited with compliance of three more years from 2022-2025
Revised the Quality Bench Marks for the academic year 2022-2023	Quality Bench Marks are revised for Faculty & Departments and observed good improvement in the achievement of the benchmarks for the academic year 2022-2023
Feedback Analysis for the academic year 2022-2023	Feedback from Students on Faculty, Facilities is collected and analyzed. Faculty are counselled who got <75%. Improvement is observed after counselling.
Department Score Card	Departments are assessed with data related to quality parameters and awarded for the best performing department
Environmental Audit for the academic year 2022-2023	Environmental Audit was done by External audit Committee from KiWis Eco Laboratory Private Limited

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	23/12/2023

14.Was the institutional data submitted to AISHE ?	Yes
• Year	
Year	Date of Submission
2022- 2023	05/04/2024

15.Multidisciplinary / interdisciplinary
The institution is strategically aligning its educational offerings and initiatives with the National Education Policy 2020 (NEP-2020), underscoring a commitment to fostering the creative potential of each learner. Recognizing the importance of a holistic educational approach, the institution emphasizes not only cognitive development but also the nurturing of social, ethical, and emotional capacities. This adherence to NEP-2020's learner-centric philosophy, which advocates for the opportunity to engage in a diverse array of courses and programs, significantly enriches students' educational experiences, enabling them to explore various disciplines and cultivate a comprehensive educational foundation. A notable advancement in this alignment is the institution's introduction of minor and honors degree programs in cutting-edge areas like Artificial Intelligence, Data Science, Machine Learning, and also Entrepreneurship allowing students to broaden their

academic horizons beyond their primary field of study. Furthermore, the adoption of the AICTE-LITE program specifically designed for web application development for enrolled students exemplifies the institution's dedication to reinforcing the policy objectives of NEP-2020. This initiative not only equips students with skills in high demand but also enhances their employability prospects. The curriculum's enrichment with open electives is another testament to the institution's commitment to multidisciplinary education, offering students the flexibility to tailor their academic journey to align with their interests and career goals. Additionally, the integration of transversal courses in Science, Technology, Engineering, and Mathematics (STEM) domains is instrumental in developing essential skills such as critical thinking and problem-solving. The implementation of Project-Based Learning (PBL) within the B.Tech curriculum represents a significant step towards experiential education, enabling students to apply theoretical knowledge in practical scenarios. This pedagogical approach not only sharpens students' analytical and collaborative skills but also prepares them to tackle real-world challenges effectively. Moreover, the establishment of a Technology Innovation Centre is a clear indication of the institution's focus on fostering creativity and collaborative innovation. This initiative provides a collaborative platform for students to materialize their innovative ideas into viable products and solutions. The institution's establishment of the Technology Business Incubation (TBI) center, supported by funding from the Ministry of Micro, Small & Medium Enterprises (MSME), further underscores its commitment to promoting technological entrepreneurship and innovation, offering students essential resources and mentorship to transform their innovative ideas into successful enterprises. In summary, the institution's strategic realignment with NEP-2020 through the implementation of a diverse range of programs and initiatives demonstrates a profound commitment to delivering a creative, innovative, and research-driven education. By fostering a learner-centric environment, offering multidisciplinary courses, facilitating experiential learning opportunities, and supporting entrepreneurial endeavours, the institution is adeptly preparing students for comprehensive personal and professional development.

16.Academic bank of credits (ABC):

Vardhaman College of Engineering (VCE) has strategically aligned itself with the Academic Bank of Credits (ABC) initiative, a pivotal step towards enhancing the academic mobility and flexibility of its student body. This registration under the ABC scheme signifies a commitment to facilitating a more integrated and fluid educational landscape, wherein students are empowered to navigate across Higher Education Institutions (HEIs) nationally, transferring credits between programs towards the fulfillment of degree or diploma requirements. Under the auspices of ABC, VCE is entrusted with pivotal responsibilities alongside accruing significant benefits. ABC's mandate encompasses the initiation, maintenance, and verification of individual academic accounts for VCE students, ensuring a comprehensive aggregation, validation, and secure digital storage of academic credits. Moreover, it facilitates the essential service of credit transfer or redemption, according to student needs. VCE's proactive engagement in collaborations with esteemed Indian and foreign universities positions it advantageously to harness the ABC credit transfer mechanism to its fullest potential. Such partnerships are poised to unlock expansive research opportunities and foster dynamic student and faculty exchanges, thereby cultivating a richly diverse and intellectually stimulating academic milieu. To actualize the potential of credit transfer in the imminent future, VCE is tasked with aligning its academic offerings with the rigorous guidelines and standards prescribed by ABC. This entails a meticulous definition of credit requisites for each academic program and ensuring course compatibility with ABC's credit system. Furthermore, VCE is committed to the development of a comprehensive administrative and technological framework to streamline the credit transfer process. This includes the deployment of an integrated student information system, the formulation of standardized credit evaluation documentation, and the establishment of a specialized unit dedicated to overseeing credit transfer protocols and inquiries. By facilitating credit transfer through the ABC scheme, VCE not only amplifies the academic versatility and progression opportunities available to its students but also significantly elevates its institutional standing and fosters enhanced collaboration with other HEIs, both within India and globally.

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) underscores VCE's commitment to enriching the professional capabilities of its students, focusing on critical areas such as life skills, problem-solving abilities, critical thinking, and scientific rigor. These competencies are pivotal for navigating the complexities of the modern and future workforce, contributing meaningfully to the evolution of a knowledge-based economy. The formation of Centers of Excellence (COEs) in collaboration with industry giants like Mass Mutual, Advanced Auto Parts, IBM, Oracle, and Cadence amplifies skill enhancement opportunities. These partnerships afford students the chance to immerse themselves in cutting-edge technologies and innovative problem-solving techniques, thereby increasing their marketability in the professional realm. The industry support laboratory, developed in conjunction with M/s. MTE Industries and Autodesk's Design labs, together with the Industry-Institute Interaction Cell, provide indispensable resources for students. These facilities enable engagement with real-world projects, effectively narrowing the gap between academic learning and industrial application. The incorporation of industry veterans and master craftspeople into the learning process infuses practical vocational skills into the academic curriculum, enriching the students' skill set. Furthermore, collaborations with international universities for student exchange programs are instrumental in fostering global competency, offering students expansive perspectives and international exposure. Additionally, the Nexus for Educational Advancement and Development (NEAD) and its experiential learning courses prioritize hands-on experiences, underscoring the importance of practical skill application over theoretical

knowledge. Collectively, VCE's comprehensive initiatives and collaborations embody a proactive approach to skill development and employability enhancement, bridging the academic-industry divide. These concerted efforts are instrumental in driving poverty reduction, fostering inclusive growth, and advancing the vision of establishing a 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 represents a strategic commitment to harnessing technological advancements for enriching the educational experience. Over the past two years, the college has embarked on several initiatives to integrate technology into teaching and learning processes, reflecting a modern approach to education. Below is an overview of these initiatives, articulated in a professional manner: Vardhaman YouTube Channel The college has developed a YouTube channel that serves as a dynamic repository for recorded lectures, making them accessible to students at their convenience. This initiative enhances the flexibility and accessibility of educational content, allowing students to review and engage with lectures outside the traditional classroom setting. The channel is a testament to the college's adaptability and its effort to provide continuous learning opportunities. Gyan Ganga LMS Portal Gyan Ganga, the college's Learning Management System (LMS), functions as a centralized hub for digital learning resources. It encompasses a broad

array of educational materials, including lecture slides, video recordings, and supplementary resources. Regular updates ensure that students have access to the latest information and can engage with their coursework in a comprehensive manner, fostering a more interactive and connected learning environment. Online Certifications The college encourages both students and faculty to pursue online certifications through esteemed platforms such as SWAYAM and NPTEL. These platforms offer a diverse portfolio of courses and certifications across various domains, facilitating the enhancement of knowledge and skills. Engaging in these online certifications allows participants to broaden their expertise and remain abreast of developments in their respective fields. Guest Lectures and Workshops A significant aspect of the college's educational strategy includes hosting guest lectures and workshops in online, offline, and blended formats. These sessions, led by experts and industry professionals, offer valuable insights and practical learning experiences. The diversity in delivery modes caters to the varied preferences and requirements of learners, ensuring a comprehensive educational experience. Through these initiatives, Vardhaman College of Engineering aspires to foster an enriched academic environment that marries traditional pedagogical methods with the capabilities of modern technology. This approach is aimed at elevating the quality of education provided and optimizing learning outcomes for students, positioning them for success in an increasingly digital world.

Extended Profile					
1.Programme					
1.1 Number of programmes offered during the year:	15				
<table><tr><th>File Description</th><th>Documents</th></tr><tr><td>Institutional Data in Prescribed Format</td><td>View File</td></tr></table>	File Description	Documents	Institutional Data in Prescribed Format	View File	
File Description	Documents				
Institutional Data in Prescribed Format	View File				
2.Student					
2.1 Total number of students during the year:	4360				
<table><tr><th>File Description</th><th>Documents</th></tr><tr><td>Institutional data in Prescribed format</td><td>View File</td></tr></table>	File Description	Documents	Institutional data in Prescribed format	View File	
File Description	Documents				
Institutional data in Prescribed format	View File				
2.2 Number of outgoing / final year students during the year:	1026				
<table><tr><th>File Description</th><th>Documents</th></tr><tr><td>Institutional Data in Prescribed Format</td><td>View File</td></tr></table>	File Description	Documents	Institutional Data in Prescribed Format	View File	
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:	4335				
<table><tr><th>File Description</th><th>Documents</th></tr><tr><td>Institutional Data in Prescribed Format</td><td>View File</td></tr></table>	File Description	Documents	Institutional Data in Prescribed Format	View File	
File Description	Documents				
Institutional Data in Prescribed Format	View File				
3.Academic					
3.1 Number of courses in all programmes during the year:	538				
<table><tr><th>File Description</th><th>Documents</th></tr></table>	File Description	Documents			
File Description	Documents				

Institutional Data in Prescribed Format		View File
3.2 Number of full-time teachers during the year:		252
File Description		Documents
Institutional Data in Prescribed Format		View File
3.3 Number of sanctioned posts for the year:		57
4.Institution		
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:		863
4.2 Total number of Classrooms and Seminar halls		75
4.3 Total number of computers on campus for academic purposes		2237
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):		2899.70

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 upholds a philosophy of continuous and strategic enhancement of its curriculum, ensuring it aligns with evolving educational standards across local, regional, national, and global landscapes. Our academic offerings are designed to be comprehensive and adaptive, catering to a diverse student body with varying interests and career aspirations and also manifest through clearly delineated Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) across all offered programs. The curriculum includes a blend of mandatory courses, which provide foundational knowledge, elective courses that offer deeper exploration into specialized areas, and project work that encourages practical, hands-on experience and research. Development of the curriculum is a dynamic and collaborative process, involving an array of stakeholders including faculty, industry experts, alumni, and current students.A key component of our curriculum is the integration of cutting-edge technologies and methodologies, reflecting the latest demands of industry and technology sectors.The institution embraces the philosophy of outcome-based education, where each course is designed with clear objectives known as Course Outcomes (COs). These COs are methodically described to provide students with an understanding of the course's intent, its relevance to their overall educational goals, and how it applies to their prospective career paths. POs encapsulate the overarching goals of each program, designed to equip graduates with the knowledge, skills, and attitudes necessary to address contemporary challenges. PSOs further refine these outcomes to cater to the specific requirements of the program, ensuring graduates are adept in specialized areas.	
File Description	Documents

Upload additional information, if any	No File Uploaded
Link for additional information	https://vardhaman.org/courses-syllabus/

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

15

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

531

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

102

File Description	Documents
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

15

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.

A cornerstone of this initiative is our comprehensive student induction program, tailored for every incoming class. This program marks the transition into a new educational phase, aiming to cultivate a foundation in human values. It encompasses a series of sessions focused on instilling principles of integrity, respect, and ethical behaviour. This commitment to human values is deepened through the mandatory course "Universal Human Values 2: Understanding Harmony," offered in the second year. This course is dedicated to fostering fundamental human virtues, promoting a spirit of amiability and righteousness among students.

Further emphasizing our commitment to societal well-being, the mandatory "Gender Sensitization" course, also in the second year, broadens students' understanding of inclusivity and gender equity across all facets of life. This course challenges students to think critically about gender norms and strives to cultivate a culture of equality and respect.

Additionally, our curriculum addresses environmental concerns through the "Environmental Science" and "Air Pollution and Control Technologies" courses, along with a choice-based course on "Disaster Management."Our innovative courses like "Social Innovation" and "Engineering Exploration," introduced in the first year, are designed to merge technical education with social responsibility.

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

44

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	View File

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

1544

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

1388

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

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	
--	--	--

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

1146

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)

863

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.

At our institution, we maintain a robust system to assess students’ learning levels through a comprehensive continuous internal evaluation mechanism. This system involves a variety of assessments, including oral quizzes, classroom interactions, and presentations, enabling us to categorize students as either slow learners or advanced learners based on their performance.

For students identified as slow learners, we initiate a tailored educational approach. Recognizing the unique challenges faced by these students, we provide remedial classes designed specifically to address their individual learning needs and pace.

Conversely, our advanced learners are given numerous opportunities to extend their educational boundaries beyond the traditional curriculum. These students are actively encouraged to participate in various academic events, such as contests, competitions, and conferences, where they can present and refine their ideas. Moreover, we offer them access to advanced training programs that prepare them for competitive examinations like GATE, TOEFL, GRE, GMAT, engaging TSPSC/UPSC guidance and IELTS, etc., further enhancing their academic and professional profiles such as take up basic research projects, and solve challenges on coding platforms, participate in hackathons and other competitions, and register for NPTEL/SWAYAM online courses.

Furthermore, we foster an environment that encourages project-based learning, allowing advanced learners to apply their theoretical knowledge in practical scenarios. This hands-on approach is supplemented by connecting these students with industry experts through internships and professional engagements.

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
01/07/2022	4360	252

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:

Our institution is committed to employing student-centric learning methods, designed to enhance educational outcomes and help students achieve their learning objectives.

1. **Experiential Learning:** We at Vardhaman strongly believe and actively promote experiential learning through a range of practical activities. Our students benefit from laboratory courses that provide hands-on experience with the latest technologies and methodologies. Additionally, we organize regular industry visits and internships, enabling students to gain valuable insights into the professional world and apply their theoretical knowledge in real-world settings. Field trips further complement this learning, offering students direct exposure to relevant environments. We also encourage students to undertake a variety of projects, ranging from nano and micro projects to mini and capstone projects, which are crucial for developing critical thinking and problem-solving skills.

2. **Participative Learning:** To foster a collaborative and inclusive educational atmosphere, we support participative learning methods such as Peer Learning, Flipped Classroom Model, Interactive Discussions & Blended Learning.

3. **Problem-solving Techniques:** Our curriculum incorporates extensive use of case studies, which challenge students to analyse complex scenarios and develop effective solutions.

4. **Research-oriented Learning:** We encourage a research-driven approach in our college through Center for Innovation and Entrepreneurship for budding researchers.

Through these diverse educational techniques, our college ensures that students are not just recipients of information but active participants in their learning journey. This approach helps in moulding them into skilled professionals and thoughtful leaders who are ready to contribute positively to society and succeed in their respective careers.

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 our college, the faculty are encouraged a blended learning approach by the use of various ICT (Information and Communication Technology) tools.

1. **Visual and Multimedia Learning:** The classrooms are equipped with LCD projectors, which are extensively used for delivering PowerPoint presentations and video lectures.

2. **Learning Management Systems:** To further enrich our educational offerings, our faculty utilize advanced ICT tools such as Moodle, Edmodo & Microsoft Teams is employed as a common platform for conducting real-time classes, graded assignments, and quizzes.

3. **Assessments and Feedback:** Online tests and quizzes are regularly administered as part of our alternative assessment strategy.

4. **Content Creation and Distribution:** Recognizing the importance of accessible learning resources, the college maintains a well-equipped studio for recording high-quality video lectures. These lectures are meticulously prepared by our faculty to ensure clarity and comprehensiveness. Once recorded, the lectures are made available on the college's YouTube channel, allowing students to access and review

these resources at their convenience. This not only aids in revision but also ensures that students who miss classes can catch up without falling behind.

Through the strategic use of these ICT tools, our college fosters an enriched learning environment that accommodates diverse learning styles and preferences, thereby improving student engagement and academic performance. This commitment to adopting cutting-edge technology in education positions our institution at the forefront of innovative teaching practices.

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/EQ4dju1WozVImztOFhwhkpgBMb4Tk-pRSLI3jnKHSbsOLw?e=ZfwWx
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

226

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

Our institution places a high priority on the meticulous preparation and strict adherence to the academic calendar and teaching plans, ensuring a structured and efficient educational experience for all students.

1. Preparation of the Academic Calendar: The academic calendar is crafted with precision following extensive discussions with the heads of all departments. The finalized calendar includes detailed information on the instructional days for the entire semester, along with scheduled dates for both internal and external examinations. The academic calendar is finally prepared by the Dean (Academics) and distributed to all the Heads of the Departments, faculty and students. This is done in the beginning of the academic year so that course instructors can plan their content delivery and assessment accordingly. The academic calendar is also displayed on the college website www.vardhaman.org, notice boards of all the departments and is made available to the students and faculty before the commencement of the academic year/class work.
2. Semester Timetables and Lecture Hours: Each semester's timetable is carefully constructed to include the number of lecture hours per week.
3. Course Session Plans: Instructors for each course develop a session plan and micro lesson plans that outlines the required number of hours dedicated to the course, based on its credit allocation. These session plans are pivotal in guiding the daily instructional activities and ensuring that all necessary content is covered comprehensively within the allotted time frame.

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

252

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

159

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	No File Uploaded

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

1431

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

53

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

92

File Description	Documents
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 instituted significant reforms in its examination system by integrating advanced Information Technology solutions to enhance efficiency and transparency.

1. Online Registration and Results Access: A pivotal aspect of our reformed examination process is the requirement for students to complete their course registration online prior to participating in any examination. Following the examinations, students can conveniently access their results and credit transfers through dedicated student portal.

2. Automation of the Examination System: A significant portion of our examination system has been automated to ensure accuracy and integrity. The generation of question papers is now handled through Q Software (VB Software).

3. Digital Attendance and Monitoring: The attendance of students for all examinations, including lab tests, is meticulously recorded online using the D-form. This form serves multiple purposes, including the ability to flag any incidents of malpractice, thereby maintaining strict examination discipline. The automation of attendance tracking ensures a reliable and transparent record-keeping process.
4. Anonymity and Online Evaluation: To further uphold fairness and impartiality, each answer booklet is assigned a unique code that ensures the anonymity of the student’s identity during the evaluation process. The evaluations for the Semester End Examinations are conducted online, which allows for a quicker, more consistent assessment process and timely feedback to students.

Through these IT-driven reforms, the college has significantly enhanced the robustness and efficiency of its examination system, aligning it with modern educational standards and expectations. These improvements not only streamline administrative processes but also contribute to a fair and conducive learning environment.

File Description	Documents
Upload any additional information	No File Uploaded
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

Our institution is committed to the principles of Outcome-Based Education (OBE), which emphasizes clear and measurable learning outcomes at both the course and program levels.

1. Program Outcomes (POs) and Program Specific Outcomes (PSOs): The POs articulate the broad knowledge, skills, and attributes that students are expected to acquire upon completion of their respective programs. Similarly, Program Specific Outcomes (PSOs) detail the unique skills and knowledge that students will gain from specific programs, highlighting the specialized training they receive.

2. Course Outcomes (COs): Each course within our programs specifies its Course Outcomes (COs), which outline the specific learning achievements expected at the end of the course. These outcomes are meticulously crafted to contribute directly to the overarching POs and PSOs, ensuring a cohesive and comprehensive learning experience.

3. Visibility and Accessibility of Learning Outcomes: To foster a transparent and informed learning environment, the POs, PSOs, and COs are prominently displayed across the campus. These are accessible on the college website, as well as on physical displays in strategic locations such as laboratory notice boards, corridors, staffrooms, the cabins of the Heads of Departments (HoDs), and classrooms. This widespread visibility ensures that both students and faculty are constantly aware of the educational objectives.POs, PSOs, and COs integrated with teaching materials and share with the students OBE is further reinforced by the use of educational frameworks such as Bloom’s Taxonomy

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

Our institution has established a rigorous method for assessing the attainment of Programme Outcomes (POs) and Course Outcomes (COs), which are vital indicators of the educational effectiveness and quality of our programs.

1. Preparation of Evaluations: Course leads are responsible for crafting the internal evaluation question papers. These assessments are intricately designed to map directly to the COs, ensuring that each outcome is given equal emphasis.

2. Methods of Evaluation: The evaluation of POs and COs employs both direct and indirect methods to provide a comprehensive assessment of student learning. Direct assessments include the Cycle Assessment Tests (CAT I and CAT II) and the Semester End Examination (SEE). Indirect assessments encompass Alternative Assessment Techniques (AAT), such as quizzes, both written and oral assignments, regular laboratory experiments, and viva voce examinations. The distribution of weightage for these assessments is strategically set at 90% for direct methods and 10% for indirect methods to reflect the depth and immediacy of learning.

- 3. **Weightage Distribution in Evaluations:** Further granularity in our assessment model includes assigning 50% weightage to Continuous Internal Evaluation (CIE) and the remaining 50% to SEE.
- 4. **Calculation and Analysis of Outcome Attainments:** Post-examination, course leads and instructors collaboratively calculate the attainments of COs and POs.
- 5. **Continuous Improvement:** The findings from these analyses are documented in a Continuous Improvement and Action Taken Report.

Through this structured and analytical approach, our institution continually enhances its educational strategies, ensuring that all students achieve the desired learning outcomes and are well-prepared for their future academic and professional endeavours.

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/EYn43V7tZGFih4ShEKJ6pIYBcBpB8GrvoYDA2p6KePwQ7g?e=TSJc4q

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

964

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://vardhaman.org/students-satisfactory-survey/>

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 is deeply committed to fostering a vibrant research culture among faculty and students alike. With a robust policy framework and state-of-the-art facilities, we actively promote and support research activities across various disciplines.

- 1. **Research Policy and Guidance:** The Research and Development Cell, under the guidance of the institution's head and an advisory board, formulates and regularly updates our research policies. These policies are designed to clearly outline the support mechanisms available to researchers, including the criteria for extending aid to faculty and students engaging in research endeavours.
- 2. **Facilities and Infrastructure:** The institution boasts well-equipped research laboratories, furnished with all essential modern equipment to meet the needs of comprehensive research activities when ever required.
- 3. **Plagiarism Check and Documentation:** Ensuring the integrity of research, the institution employs tools such as Turnitin to rigorously check each piece of research work for plagiarism. Researchers are also provided with guidance on utilizing appropriate platforms for conducting and documenting their research effectively.
- 4. **Support and Funding:** To further encourage and facilitate research, our institution has established the Vardhaman Research Promotion Scheme (VRPS). Through VRPS, we offer grants that empower faculty members to pursue ambitious research projects. Additionally, as a DSIR-CIRO certified research institute with centers recommended by Jawaharlal Nehru Technological University, Hyderabad (JNTUH), we are recognized for our research excellence and capability.

The Policies and Research Funding categories like Seed Money and External Funding Project details are transparently displayed on the institution website, Ensuring that every potential Researcher (Faculty & Student) as necessary information.

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/
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)

12.64

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

119

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	No File Uploaded

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)

42.271

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

27

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

25

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

8

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.

Our institution is committed to nurturing an ecosystem that promotes innovation and the seamless transfer of knowledge, underpinned by dedicated centers for research, entrepreneurship, community engagement, and incubation.

1. Collaborative Research Initiatives: We encourage a collaborative approach to research, enabling students to work alongside faculty members on live research projects.

2. Centre for Innovation and Entrepreneurship (CIE): At the heart of our innovation ecosystem is the Centre for Innovation and Entrepreneurship, which serves as a dynamic platform for student-led startups.

3. Entrepreneurial Development Activities: To further stimulate the innovative capabilities of our students, the college organizes a variety of activities such as boot camps, entrepreneurship awareness camps, industrial visits, and hackathons.

4. Strategic Partnerships: The CIE at our institution actively facilitates connections with key governmental organizations, such as the Entrepreneurship Development Institute of India (EDII) and the Ministry of Micro, Small & Medium Enterprises (MSME).

5. Industry and Academic Collaborations: We host regular interactions with industry experts and academic leaders from renowned institutions.

6. Legal and Intellectual Support: Recognizing the importance of legal knowledge in entrepreneurship, the CIE provides support for company registrations, Intellectual Property Rights (IPR) filings, copyright, and patenting.

7. MSME Business Incubator: As a recognized host institution for setting up a Business Incubator by MSME, our college is at the forefront of supporting entrepreneurial ventures.

Through EPICS program the courses are specifically designed to address the changing societal needs and to cultivate core human skills among students.

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

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

61

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
--	---------------------

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

11

File Description	Documents
URL to the research page on HEI website	https://vardhaman.org/contributions/
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

1.105

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

214

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/ESfcv3MNN0RMunYk2o-mPToBFbHI_hkIokOHjkx_giv3Xg?e=v28CUO

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

2261

File Description	Documents
Any additional information	No File Uploaded

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

36

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)

33.09

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

4234850

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 various extension activities, we encourage our students to actively participate in initiatives that contribute to their holistic development and make a positive impact on the community.

1. National Service Scheme (NSS) Initiatives:Throughout the year, our NSS unit volunteers engage in a range of impactful activities such as organizing blood donation drives, supporting local orphanages, and conducting medical camps. These activities not only aid the community but also instill a sense of social responsibility in our students.
2. Educational Programs for Local Children: In addition to NSS activities, the college organizes educational programs for school children in the surrounding areas. These initiatives are designed to enhance educational opportunities for younger students and to foster a nurturing environment for their academic and personal growth.
3. Environmental and Cleanliness Drives: Our students also participate enthusiastically in environmental conservation efforts, including tree plantation drives and community cleanliness campaigns. These initiatives are aimed at raising environmental awareness and promoting sustainable practices within the community.
4. Support for Orphaned Children: Further extending our outreach, our students regularly visit nearby orphanages where they engage with orphaned children. These visits are part of our commitment to providing emotional support and companionship to those in need, fostering a culture of empathy and care within our student body.

Through these diverse extension activities, our college not only contributes to the well-being of our local community but also ensures the development of our students into well-rounded, socially responsible individuals.

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/EatHHzHZ1ldNjBnnMyDOsf0BpWUHPa41QmWR5UcgG8gH7w?e=8Z6m88

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

8

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)

15

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

2173

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

1179

File Description	Documents
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)

34

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	No File Uploaded

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 inception in 1999, Vardhaman College of Engineering has built a campus that far surpasses statutory requirements, spanning 14.24 acres—98% more than the stipulated 7 acres. Our facilities boast 209% more access and circulation areas, 197.2% additional amenities, and administrative and instructional spaces that exceed mandated sizes by 103.3% and 66.4%, respectively. Overall, the built-up area is 100.7% larger than required.

Our state-of-the-art laboratories are equipped with the latest technology, supporting a cutting-edge learning environment. The IT infrastructure includes over 2000 computers, 62 printers, 9 legal system software, and 47 application software suites, supplemented by 120 multimedia projectors. With 1500 Mbps of Internet bandwidth and 70 secure Wi-Fi points, our network infrastructure ensures robust connectivity.

The Central Library covers 2,788 square meters over two floors, accommodating 500 users. It features a digital section with 39PCs connected to high-speed Wi-Fi and LAN, providing access to NPTEL lectures and a wide range of digital resources, enhancing the educational experience for both students and faculty.

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 boasts a state-of-the-art infrastructure that supports a vibrant array of extracurricular activities.

- Cultural Facilities:** The college features two modern auditoriums with seating capacities of 1200 and 600, respectively. These venues serve as the primary spaces for hosting major cultural events, including our flagship event, 'ORTUS'. This cultural festival is a highlight of the academic year, where students from all disciplines participate enthusiastically. The fest includes a wide range of activities from musical concerts to art and craft exhibitions, offering students numerous opportunities to showcase their talents. The Nritya Club for dance, Reflexa Club for fitness, Crew Capella for music, and a Literary Club for budding writers are student support clubs.
- Sports Facilities:** On the sports front, our college is equipped with an impressive cricket stadium that includes floodlights and a professional turf pitch, ideal for both daytime and evening matches. Complementing this are facilities for a variety of indoor and outdoor games including basketball, badminton, and football, among others.
- Wellness and Yoga Center:** Recognizing the importance of mental and physical well-being, the college provides a dedicated space for yoga practices.
- Professional Guidance:** All sports and wellness activities are overseen by experienced physical education instructors, who bring specialized knowledge to their training sessions. This professional guidance helps in nurturing skilled athletes and promoting overall physical health.

Through these comprehensive facilities, Vardhaman College of Engineering fosters an environment that supports not only academic excellence but also personal growth and community building.

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	View File
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)

983.29

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.

- 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.
- 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.
- 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.
- Digital Resources:** Complementing our physical collections, the library provides access to a vast digital repository. Students can access approximately 8,590 e-journals of high repute and over 1.6 million e-books,

These technological enhancements not only improve the functionality of the library but also enrich the learning experience of our students, making a wide range of academic resources readily accessible and easy to manage. This commitment to leveraging technology in our library services underscores our dedication to providing top-tier academic support to our community.

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

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)

23.33

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

990

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

Our college is committed to maintaining cutting-edge IT infrastructure to support the multifaceted needs of education, research, and administration.

1. Network Infrastructure: The backbone of our IT infrastructure is a high-speed 1.5 Gbps Internet. Fiber optic cable network that extends over 4 kilometres, seamlessly connecting all building blocks of the college. This network supports both wired and Wi-Fi connectivity, equipped with 123 hub racks, 235 network switches, and 130 routers, ensuring reliable and swift internet access across the campus.

2. Internet and Server Management: We host 22 virtual servers that support various applications critical for our computational environment. These servers facilitate the effective running of system and application software essential for academic and administrative functions.

3. Software and Computational Tools: We have deployed 9 system software and 40 application software packages that cater to the diverse academic needs of our departments and research centers.

4. Climate Control and Equipment Maintenance: To maintain optimal conditions for our IT assets, 170 air conditioners are installed to cool spaces housing 2237 computers located in various laboratories, research centers, and administrative offices.

5. Security and Surveillance Systems: Sophos Firewall Support for upholding the safety of our IT environment. 350 CC cameras for campus surveillance, Aadhaar-enabled 40 biometric and face recognition systems to ensure secure and regulated access to facilities. Additionally, 50 fire protection and safety devices are strategically placed.

Multimedia and Communication Tools: The ICT capabilities are further enhanced by 125 multimedia projectors, 22 public address systems, and 10 sound mixers, which facilitate a dynamic learning and communication environment.

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
4360	2237

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

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: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

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)

1274.59

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 - laboratory, library, sports complex, computers, classrooms etc. The Supervisor and team are involved in the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and housekeeping. 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.

The Classrooms, Seminar halls and Laboratories, department office, staff rooms, admin office are cleaned and maintained. The Green Cover of the campus is well maintained by full time gardeners.. The college has trained in-house electricians and plumbers to maintain UPS backup, Generator, Air Conditioners, CCTV cameras and Water Purifiers. The Library staff looks into the smooth and efficient functioning of the Library. Regular maintenance of the college indoor Badminton, Volley Ball court, TT Courts and Gym are done under the supervision of physical director available.

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/EVEdTk0mm2BGuSfSsobrFfQB1FfGZ8u8HVyn7jzp0bVB9A?e=rvPGQM

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	
2261	
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	
55	
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://vardhaman.org/competency-development-center/
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	
809	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The institution adopts the following mechanism for redressal of students’ grievances, including sexual harassmtent 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 harassmtent committee and Anti-ragging committee	View File
Details of student grievances including sexual harassmtent and ragging cases	View File
Upload any additional information	View File
5.2 - Student Progression	

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

642

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

167

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

167

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

22

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

We actively promote and facilitate the participation of students in key academic and administrative committees, ensuring they have a voice in decisions that affect their learning and campus life.

1. Student Council and Representation: Our vibrant Student Council plays a crucial role in representing the interests and concerns of the student body.

2. Engagement in Institutional Committees: Students are integral members of several important committees, including the Internal Quality Assurance Cell (IQAC), which monitors and evaluates the quality of education and infrastructure. They also participate in the Internal Complaints Committee, ensuring a safe and respectful campus environment, and the Anti-ragging Committee, which works to maintain a welcoming and inclusive academic atmosphere.

3. Involvement in Clubs and Societies: Beyond administrative roles, students actively engage in a variety of technical, sports, and cultural clubs. These platforms not only allow them to pursue their interests and develop new skills but also to take on leadership roles within these organizations.

4. Technical Committee Participation: Students are also involved in the technical committees of professional chapters such as IEEE, ISTE, and CSI.
5. Open House Interaction: To further support open communication, the college hosts an annual or semester-based open house where students can directly interact with faculty and administration leaders.

Through these diverse avenues for participation, our students play a significant role in shaping their academic journey and the broader institutional landscape. This engagement not only enhances their educational experience but also prepares them for future leadership roles by instilling a sense of responsibility and community involvement.

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

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

45

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

Our college is proud to boast a robust alumni network, comprising thousands of former students who are now making significant contributions at leading Indian and global technology companies.

1. Annual Alumni Meet - 'Mitra': To celebrate and strengthen our alumni connections, the college organizes an annual alumni gathering named 'Mitra'. Held both on campus and at international venues, Mitra provides a dynamic platform for alumni and other key stakeholders to engage, collaborate, and exchange ideas.
2. Alumni Interaction Through Digital Platforms: Our alumni network remains active and accessible through professional social networking sites like LinkedIn. This online presence facilitates easy and efficient communication between alumni and current students, helping to bridge the gap between academic preparation and professional success.
3. Direct Alumni Engagement in Academic and Professional Development: Beyond social interactions, our alumni contribute significantly to the academic life of the college through direct involvement. They frequently return to campus to deliver expert talks, conduct interactive sessions, and provide specialized training, enriching the learning experience with their real-world expertise.
4. Contribution to Academic Development: Alumni also actively participate in shaping the academic programs of the college. Their input ensures that our curriculum remains relevant and responsive to the evolving demands of the global job market, thereby enhancing the employability of our graduates.

Through these initiatives, our alumni network not only supports the college’s mission of delivering exceptional education but also enhances the professional and personal development of our students, preparing them to excel in their future careers.

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

5.4.2 - Alumni’s financial contribution during the year	C. 5 Lakhs - 10 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/quick-links/

6.2 - Strategy Development and Deployment

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

The college is having a five year strategic plan in place which was drafted in the year 2021. It was proposed by the Planning and Evaluation committee with inputs from various stakeholders. The strategic Plan was prepared for five successive years from 2021-22 to 2025-26. The following are the key areas set for the strategic plan Governance, Physical Resources, Human Resources, Education Processes, Research and Innovation and Institute Perception. The strategic plan has been clearly articulated and implementing with the objectives such as

- To create new and/or update Governance models and processes that provide greater autonomy at all levels.
- To augment infrastructure which facilitates wholesome education for learners.
- To transform and become an aspirational destination of human resource for industry and society at large.
- To provide holistic and multidisciplinary education which imparts knowledge, skills and attitude in vibrant, congenial, and conducive environment.
- To enhance the quality of research which leads to substantial path-breaking innovations.
- To raise the visibility of the institution on par with institutions of international repute.

The strategic plan has been implementing with consistent actions and target timelines such as

- Develop leadership through decentralization.
- Ensure transparency at all levels to promote good governance.
- Recruit and retain highly competent faculty and staff to produce deployable engineers.
- Strengthen existing academic programmes by enriching course curriculum in the light of global standards, technological advancements, and industry requirements.
- Build research collaborations with industries and premier institutions.
- Seek Deemed-to-be University status.
- Organize 20 international conferences by 2026.

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, we believe that strong governance is the backbone of educational excellence and operational success through well-defined policies, an organized administrative setup, and a participative management approach.

1. **Structured Governance for Enhanced Institutional Effectiveness:** Our college is committed to fostering an environment of structured and efficient governance. This commitment is manifested in the organization of our various institutional bodies, which are crucial in ensuring

- that all operations align with our strategic objectives.
2. **Optimizing Institutional Operations through Structured Governance:** From the creation of policies to the execution of administrative and academic procedures, every aspect is designed to uphold the highest standards of operational excellence and transparency.
 3. **Comprehensive Committee Structure:** Our institution has established a range of committees, both statutory and non-statutory, to address the daily operational requirements and strategic goals. These committees are crucial in maintaining the smooth functioning of the college, ensuring that each sector operates within its designated framework and contributes to the collective institutional progress.
 4. **Transparency and Accessibility:** We prioritize transparency across all activities. The college website serves as a central hub for information, providing accessible details on policies, the administrative hierarchy, and the procedures governing both academic and administrative processes.
 5. **Strategic Planning and Monitoring:** The strategic planning process at our college is robust and dynamic. These plans are closely monitored by the Governing Body, which ensures that the institution not only sets ambitious goals but also achieves them efficiently.

File Description	Documents
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
---	---------------------

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

We ensure that our faculty and staff are equipped, motivated, and appreciated in their roles. This foundational belief in the value of our employees underpins all our policies and practices, which are designed to promote a positive work atmosphere and enable our staff to contribute effectively to our mission of educational excellence.

1. **Fostering a Supportive and Enriching Work Environment:** We understand that the growth and success of our college are the results of the collective efforts of our dedicated staff. To honour this, we provide a range of facilities aimed at promoting the overall well-being of our employees, ensuring they feel valued and supported in their professional and personal lives.
2. **Performance Evaluation and Recognition:** We implement a robust system of performance-based self-appraisal annually for our faculty, which underscores our commitment to professional development and recognition.
3. **Support for Professional Development:** Understanding the importance of continuous professional growth, our college extends substantial financial support for faculty research activities, funding for participation in seminars and conferences, assistance for publishing papers, professional membership fees and patents, provision of seed funds for new research projects, and support for pursuing Ph.D. qualifications.
4. **Comprehensive Employee Benefits:** Our commitment to the welfare of our employees extends medical insurance, free transport annual increments, Employee Provident Fund (EPF), and gratuity, along with generous leave policies.

Through these supportive measures, our institution not only enhances the professional capabilities of our faculty but also enriches their personal lives, thereby cultivating a workplace that truly values and supports its members.

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

136

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

53

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.)

167

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	View File

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	View File
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, 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.
- 4. **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

File Description	Documents
Paste the web link of annual reports of the Institution	https://vardhaman.org/iqac/aqars/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

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 by our maintenance staff and handed over to the local municipal authorities or authorized waste management services 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 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.

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 is home to students and staff from a variety of cultural, linguistic, and social backgrounds. This diversity enriches the educational experience and promotes a broader understanding and appreciation of global perspectives. 1. Fostering Understanding and Tolerance: Central to our mission is the promotion of understanding and tolerance among our community members. We actively encourage students and staff to engage with and learn from each other's diverse cultural and social backgrounds. 2. Collaboration Across Diverse Backgrounds: In our collaborative academic setting, students are encouraged to work alongside peers from different social, religious, economic, and regional backgrounds. 3. Cultural Events and Regional Showcases: The institution also plays an active role in celebrating this diversity through various cultural events throughout the academic year. These events provide a platform for students to showcase their regional and cultural heritage, which not only fosters a sense of community but also deepens the campus's collective understanding and appreciation of different cultures. 4. Educational Courses on Universal Human Values: Furthermore, our academic curriculum includes courses such as Universal Human Values, which are designed to transcend cultural and social differences by focusing on core human values. Through these initiatives, our institution not only supports a diverse learning environment but actively enhances it, ensuring that all community members, regardless of their background, feel valued and included. This commitment to inclusivity and diversity not only enriches our students' educational experiences but also prepares them to be thoughtful, knowledgeable citizens of the world.		
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	View File

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

Our institution places great emphasis on the celebration of both national and international commemorative days. These celebrations are not just about remembering important dates; they serve as vital educational and community-building opportunities that enrich the cultural and intellectual life of our campus.

1. **Wide Range of Celebrations:** We enthusiastically celebrate Teachers' Day, recognizing the dedication and impact of educators on our lives. NSS Day highlights the importance of community service and the role students can play in societal development. On Science Day, we focus on the innovations and contributions of scientists across the globe and encourage our students to engage in scientific inquiry and exploration. Women's Day is marked with events that acknowledge and inspire the women in our community, celebrating their achievements and discussing ongoing challenges in achieving gender equality. Freedom Fighters' Day and National Unity Day are imbued with patriotic fervor, reminding us of the sacrifices made for our nation and the importance of unity in diversity. Engineers' Day allows us to focus on the contributions of engineers to societal advancement and fosters pride in our students pursuing engineering disciplines.

2. **Outcome of Celebrations:** By organizing these events, our institution aims to cultivate a well-rounded educational environment where students not only excel academically but also grow as informed and conscientious individuals. These celebrations instill a sense of pride and responsibility, encouraging students to contribute positively to society and the world at large.

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

Best Practice - 01

1. **Title:** Harnessing Strategic Partnerships: Leveraging MOUs for Collaborative Excellence
2. **Objectives:**
 1. To foster collaborative research and innovation, enhancing academic excellence through knowledge sharing.
 2. To facilitate technology transfer and commercialization to promote entrepreneurship and job creation.
 3. To encourage inclusive innovation for socio-economic development.
 4. To strengthen global connections and cultural exchange.

Best Practice - 02

1. **Title:** Innovating Excellence: Vardhaman College of Engineering's Quest for Innovation Leadership
2. **Objectives:**
 1. To support startup creation and growth with resources and mentorship.
 2. To enhance interdisciplinary partnerships and knowledge sharing through collaborative tools.
 3. To Develop and deploy new technologies for current market and societal needs.
 4. To promote sustainable development and social entrepreneurship, measuring their impact for continuous improvement.

File Description	Documents
Best practices in the Institutional website	https://vardhaman.org/iqac/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 distinguishes itself through a diverse array of programs designed to foster holistic student development. The college is home to the National Cadet Corps (NCC) and the National Service Scheme (NSS), which empower students to contribute to society

through various community service projects, developing leadership skills and social responsibility. A cornerstone of Vardhaman’s educational approach is the EPICS (Engineering Projects in Community Service) program, where students apply engineering principles to solve community problems, emphasizing the role of engineers as agents of societal change. The Career Development Cell at Vardhaman provides essential guidance and resources for career planning and advancement, ensuring students are well-prepared for their professional journeys. Additionally, the college offers over 120 clubs spanning a broad range of interests, promoting personal growth and leadership alongside academic pursuits. Vardhaman also enhances the academic experience with IEEE activities, NPTEL courses, and opportunities for students to earn minors and honors in their chosen fields. These programs allow for a deeper exploration of subjects, augmenting the traditional curriculum and preparing students for both academic and industry challenges. Through these comprehensive programs, Vardhaman College of Engineering ensures that its graduates are not only academically proficient but also well-rounded individuals ready to tackle global challenges.

File Description	Documents
Appropriate link in the institutional website	https://vardhaman.org/wp-content/uploads/2024/05/Institutional-Distinctiveness-22-23.pdf
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Faculty Qualifications: We are committed to achieving a target where 60% of our faculty will hold doctoral degrees, enhancing the academic rigor and research capabilities of our institution.
2. Academic Success: Our goal is to maintain a student success rate of over 90%, ensuring that the majority of our students graduate within the stipulated time frame.
3. Professor of Practice: To bridge the gap between academic theory and industry practice, we plan to recruit at least 10% of our faculty under the Professor of Practice (POP) category, bringing real-world insights and experiences into our classrooms.
4. Industry Collaboration: Each department will establish at least two industry-supported laboratories by 2025, enhancing practical learning and keeping pace with industry standards.
5. Continuous Accreditation: All five departments (CSE, IT, ME, ECE, and EEE) should achieve NBA accreditation for 6 years (Cycle 1). Our commitment to maintaining the highest standards will see us continuously seeking accreditation from reputed agencies such as NAAC, ABET.
6. Energy Conservation: All non-LED bulbs will be replaced with energy-efficient LED bulbs. We also plan to increase our solar power generation capacity to 200 kW by 2025 to further our energy conservation efforts.
7. Diverse Representation: We aim to ensure adequate representation of all stakeholders, reflecting the diversity within our community in all administrative positions and committees. This will promote inclusiveness and ensure that multiple perspectives are considered in governance decisions.