



YEARLY STATUS REPORT - 2021-2022

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.	9182797390					
• 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	CPE			UGC	23/08/2016	0
Institution	R&D Center			JNTUH	31/03/2018	0
8.Provide details regarding the composition of the IQAC:						
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File					
9.No. of IQAC meetings held during the year	03					
• 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)			
1. Achieved NAAC A++ Grade with CGPA 3.58 on 4 Point Scale 2. NBA Accreditation Extension for five UG Programs for three year till 30th June 2025 and One more UG Program got Accredited for three years till 30th June 2024 3. NIRF 2022 Ranking: Vardhaman College of Engineering is Ranked 162 in Engineering Category 4. Achieving the set Quality Bench Marks for Departments & Faculty 5. Open House Program conducted for B.Tech students, received construrctive feedback and thoughtful ideas from the students to further improvement of the college in all aspects			
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 gor 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 extension of three more years from 2022-2025	
Set the Quality Bench Marks for the academic year 2021-2022		Quality Bench Marks are set for Faculty & Departments and achieved for the academic year 2021-2022	
Feedback Analysis for the academic year 2021-2022		Feedback from Students on Faculty, Facilities is collected and analyzed. Faculty are counselled who got <75%. Improvement is observed after counselling.	
Academic and Administrative Audit for the academic year 2021-2022		Audit process for the academic year 2020-2021 is completed by the Academic Audit Committee	
Department Score Card		Departments are assessed with data related to quality parameters and appreciated for best performing departments based on Department Score Card	
Environmental Audit for the academic year 2021-2022		Environmental Audit was done by External 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		13/11/2022	
14.Was the institutional data submitted to AISHE ?		Yes	
• Year			
Year	Date of Submission		
2023	15/01/2023		
15.Multidisciplinary / interdisciplinary			
Multidisciplinary			
The curriculum has been structured to allow for flexibility in course selection, allowing students the option to enroll in open electives offered by other departments. It is strongly encouraged that students engage in both minor and major projects in conjunction with peers from different branches, offering a unique opportunity for interdisciplinary collaboration. Additionally, students have the opportunity to select minors from a range of departments, broadening their academic experience and exposure to diverse fields of study.			

Curriculum

As per the directive of the affiliating university, Jawaharlal Nehru Technological University, Hyderabad, a Multiple Entry and Multiple Exit curriculum has been adopted. The curriculum has been designed to provide students with the flexibility to obtain a minimum number of credits from core courses, after which they may enroll in 20% of courses offered by other departments.

Choice Based Credit System (CBCS) will be implemented in letter and spirit.

Thus, the program offers the opportunity for fast learners to complete their degree in three years, while slow learners may take up to five or six years, with a 40% flexibility in selecting courses that suit their individual needs.

As a part of social responsibility, the college has taken up several initiatives instilling the values of social responsibility among the students through a wide spectrum of activities. In this direction, the college signed MOU with Purdue University to implement EPICS. This is a unique program embarking upon the pursuit of engineering inputs provided by the students and faculty for delivering the resources to benefit the community at large. Students are also trained on small time trades like tailoring to the rural background women through Rural Women Technological Park (RWTP) and safeguarding their avocations and petty trades. The nearby government schools were given training in computer skills besides donating computers by NSS wing. Through Swachh Bharath mission, the college has conducted several campus cleaning activities to make a zone of healthy and serene ambience.

Social Innovation

Social Innovation is an open-ended course to develop social connectedness in engineering students through social awareness and social consciousness. This can be done through live field exposure along with faculty led conceptual presentations, real case reviews, self-study assignments, literature and field survey. Through this course, the students are expected to use their multi-disciplinary engineering knowledge to provide innovative solutions to existing social problems. This course also develops critical thinking ability among the students to develop sustainable solutions and to offer the students an understanding of developing and implementing social innovation projects using practical learning activities and techniques.

Engineering Exploration

This course provides an opportunity for freshman students to learn in new ecosystem and is one of the unique outcomes of innovative education ecosystem in digital era of our nation. The focus of this course is on Engineering Design Process, Problem Solving, Multi-disciplinary skills, Ethics and Data Acquisition and Analysis. This course is co-designed and co-taught by faculty members drawn from multiple engineering disciplines; it follows Project Based Learning (PBL) pedagogy with need statements covering broad themes of environmental, educational, smart appliances, smart agriculture, industrial needs etc. are used by students to carve out problem definitions by linking Sustainable Development Goals defined by United Nation. Students work in teams to solve identified problems and serves as a platform for peer learning and push students in multi-disciplinary design thinking in first year itself.

Engineering Design Thinking

Engineering Design Thinking is an extension to Engineering Exploration course studied at first year level. This course links the primary fields of engineering and explores the engineering design process from conceptual design and optimal choice evaluation to prototyping and project construction. This course provides insights into particular design challenges within their specific fields of engineering and enables the learners to apply the multi-discipline knowledge in real time - designing, constructing and testing a prototype (actual physical build) to solve a real-world engineering problem. In extent, this course is an excellent roadmap for the design engineers seeking to broaden their engineering knowledge to design concepts to their current work.

Product Realization

Making the students socially responsible is the main motto. In this process introducing technological concepts and creating innovating product is carried out for the community. The Product Realization introduces communication with community, planning of product realization, design and development of the product added with skill sets of leadership. This course given an exposure on converting an innovative idea to physical product to meet the need of the community. It improves skill of research paper writing, patent drafting and also developing the skill of preparation of business models.

16.Academic bank of credits (ABC):

Vardhaman College of Engineering is a distinguished institution that holds autonomous status and is affiliated with Jawaharlal Nehru Technological University, Hyderabad. While the institution holds autonomous status, it adheres to the academic regulations and curriculum set forth by JNTUH. However, the implementation of the National Education Policy (NEP) in its entirety is currently not feasible as the College is awaiting the official orders from the Government of Telangana. Consequently, the concept of ABC has not yet been implemented at Vardhaman College of Engineering.
17.Skill development:
The Career Development Cell (CDC) has in house faculty who offer additional training to enable students to excel in campus recruitment process and national qualifiers such as TCS NQT, TCS Code Vita, Infy TQ, CAT, GRE, TOEFL, etc. The CDC trains the students on Competitive Coding, Quantitative Aptitude, Logical Reasoning, Verbal Ability, Problem solving, Soft Skills, etc., It also conducts Seminars, Orientation Programs, Guest Lectures on Higher Education opportunities as well. The CDC, identifies and updates the skill sets required by different career tracks, in respective field of engineering every year in consultation with the industry experts, eminent academicians, and researchers. The common skills such as Soft Skills, Digital Literacy, Coding required for all various career tracks irrespective of program specialization are identified. It is ensured that these skill sets are inculcated into the students during first and second year through addon courses, workshops and through our best practices. Furthermore, the CDC collects career interest from students at the end of second year and again at the end of third year through Career Interest Survey (CIS). Students are advised to take this survey in consultation with mentor, parents, and other important stakeholders in their life. A diagnostic test is conducted at the end of second year to access the current level of competencies in the identified career track. Based on the test results, track specific training is planned and executed during rest of the semesters. If the student fails to attain desired level of competencies even after the training, the CDC refers the student to Career Guidance Cell. The outcome of the CDC is Vantage certificate, Registration with coding platforms, Solve beginner level programs in Code chef platforms and math’s problems in SPOJ at 1st year Level. Solve easy to medium level problems in coding platform, shall become eligible for Smart Interviews(SI) training, would have scored 5000 points cumulatively. Capability to clear Verbal Ability rounds and Aptitude rounds. Identify his specialization track 2nd year Level. Earn 3 to 5 stars in Code chef and 1600 to 2000 score in Code force Clear Codevita first round shall become eligible for Salesforce career fair, Cisco Ideathon, few shall earn internship on their own. Eligible for EPAM training etc 3rd Year Level. Majority (90 to 100 percent) of the eligible students shall have at least one product and /or services offer in hand 4th year Level.
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
India is renowned worldwide for its rich cultural heritage and diverse civilizations. This diversity is embodied in various forms such as literature, art, crafts, philosophies, customs, and health-related practices. With the aim of promoting Indian knowledge systems, as outlined in the National Education Policy 2020, Vardhaman College of Engineering has introduced an audit course titled "Essential Indian Traditional Knowledge." The objective of this course is to provide students with an opportunity to delve into the rich cultural history of our country and to explore its contemporary cultural practices. In order to cater to both students from different linguistic backgrounds and those from the college's home state, the course is taught in both English and the local language. Additionally, the course is offered in both online and offline modes to accommodate different learning styles and preferences.
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

OBE is considered as a giant leap forward to improve the quality of higher education, particularly technical education and help Indian graduates compete with their global counterparts. OBE is an educational approach and a learning philosophy, focusing and organizing the entire academic programs (curriculum) and instructional efforts around clearly defined ‘outcomes’ we want all students to demonstrate when the complete the program. It is a student-centered instruction model that focuses on measuring student performances through outcomes. Outcomes are usually expressed in terms of a mixture of knowledge, skills, abilities, attitudes and understanding that a student will attain as a result of his/her successful engagement in a particular set of higher education experience. OBE is focusing on “what the students are capable of doing”. There is clarity on what is to be achieved and that achievement (outcome) is pre-determined. OBE goes beyond usual ‘structured tasks’. It demands the students to actively engaged in the learning process and demonstrate his/her skills through more challenging tasks and higher order of thinking. OBE provides a focus for assessment and help employers understand program benefits. The OBE model measures the progress of graduates in three parameters, through Program Outcomes (PO), Program Educational Outcomes (PEO) and Course Outcomes (CO). VCE implements Outcome Based Education in its true spirit.

20.Distance education/online education:

The Vardhaman College of Engineering was one of the pioneers in adopting online education during the COVID-19 pandemic, building upon its pre-existing experience with online teaching.

The college encourages its students to pursue additional education through NPTEL courses and other Massive Open Online Courses (MOOCs) and Virtual Open Online Courses (VOOCs).

In response to the pandemic, certain courses such as Gender Sensitization, the Indian Constitution, and Environmental Science have been transitioned to an online format. The college provides additional support by conducting supplementary classes on Sundays to help students better understand the material.

All faculty have received training in using MS Teams to deliver content and administer assessments.

The college has also established a dedicated recording studio on campus to enable faculty to record 10–15-minute videos that elaborate on complex concepts. These videos are made accessible to students via the college's website, blogs, YouTube channel, and MS Teams.

Extended Profile		
1.Programme		
1.1	15	
Number of programmes offered during the year:		
File Description		Documents
Institutional Data in Prescribed Format		View File
2.Student		
2.1	4223	
Total number of students during the year:		
File Description		Documents
Institutional data in Prescribed format		View File
2.2	995	
Number of outgoing / final year students during the year:		
File Description		Documents

Institutional Data in Prescribed Format		View File
2.3	4214	
Number of students who appeared for the examinations conducted by the institution during the year:		
File Description		Documents
Institutional Data in Prescribed Format		View File
3.Academic		
3.1	486	
Number of courses in all programmes during the year:		
File Description		Documents
Institutional Data in Prescribed Format		View File
3.2	283	
Number of full-time teachers during the year:		
File Description		Documents
Institutional Data in Prescribed Format		View File
3.3	100	
Number of sanctioned posts for the year:		
4.Institution		
4.1	3396	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	83	
Total number of Classrooms and Seminar halls		
4.3	2334	
Total number of computers on campus for academic purposes		
4.4	2059.79	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

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 curriculum design and development process at VCE remained a continuous and inclusive. The revision of curriculum will make them relevant to the local/national/regional/global developmental needs. The curriculum is divided into eight categories which covers various courses viz. Humanities & Social Science including Management Courses, Engineering Science, Basic Science, Professional Core, Professional Electives, Open Electives, Mandatory Courses, and Project Work. Curriculum design began with strong focus on teaching-learning process to meet the desired Graduate Attributes. Accordingly, several curricular review meetings were conducted with the stakeholders followed by the meetings of concerned Board of Studies and the Academic Council.

Course Outcomes were developed for each course by the domain experts from department thus making course effective in terms of delivery and assessment. The HSS courses not only help the students to develop critical thinking, problem solving, and communication, both oral and written but also achieve the Programme Outcomes, POs 6-12, which were not integral part of the curriculum previously.

The professional courses ensure that the students always up to date and learn cutting edge technologies. The curricular requirements help the students to continue to make a meaningful contribution to their development and contribution to welfare of mankind.

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

14

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

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

474

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

222

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 college curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students. Gender Sensitization and Environmental Science are mandatory courses offered to all the students in their II year. Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective. As part of curriculum, Environmental Science, Environmental Pollution and Management and Disaster Management courses are offered with an intent to raise the student awareness and prepare them to become a responsible citizen who can work to put an effort to make the environment clean. As part of curriculum, to inculcate Human values, fundamental insights and inputs will be provided to the student to grow as responsible human beings with a proper personality. Universal Human Values -1 is imparted to the students during student induction program at first year and Universal Human Values – 2 is included in the curriculum at second year level as a 3-credit course. Professional Ethics taught to the students to maintain ethical conduct and to perform their professional duties. The college focuses highly on professional ethics while making it part of curriculum as Engineering Exploration.	
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	
11	
File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded
1.3.3 - Number of students enrolled in the courses under 1.3.2 above	
553	
File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded
1.3.4 - Number of students undertaking field work/projects/ internships / student projects	
1056	
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		No File Uploaded
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		No File Uploaded
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		
1190		
File Description		Documents
Any additional information		No File Uploaded
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)		
834		
File Description		Documents
Any additional information		View File
Number of seats filled against seats reserved (Data Template)		View File
2.2 - Catering to Student Diversity		
2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.		
The college has a transparent mechanism to identify the learning levels of the students. Based on the performance, students were divided into two categories viz, Category-1 and Category-II. Students who score marks less than or equal to 50% marks in the diagnostic assessments are identified as slow learners(Catergory1) and those who secure more that 50% are identified as fast learners(Category-2). The students fall in the Category-1 were given an extended learning (additional classes) known as remedial classes by the respective faculty. The lead faculty		

prepares an action plan to conduct the remedial classes and assessments as needed to help the students to better their academic performance. This system has profound impact in improving the learning ability of the students.

The students who have shown better performance are identified as advanced learners and are recognized and rewarded based on their academic growth and progress. In respect of the Category-2(fast learners) students were encouraged to participate in Project-based learning, to explore content beyond syllabus, interact with industry experts, prepare for department wise NET/SET guidance, engage in MPSC/UPSC guidance (Competitive Examination Guidance), take up basic research projects, and take Science Talent Search Examination and register for NPTEL/SWAYAM online courses.

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

2.2.2 - Student - Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/08/2022	4223	283

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:

The institute adopts many student centric methods to enable the learner meet their learning goals, academic success with required competencies. Methods such as experiential learning, participative learning and problem solving are used at various stages and levels to enhance learning opportunities of the students. We at Vardhaman strongly believe that experiential learning bridges promote competencies of the students by enhancing their knowledge through application. Experiential Learning Methodologies followed in the Institution are learning by doing nano projects, micro projects, mini projects, internships/industry oriented mini projects and finally the major or capstone project. This enhances their ability to solve complex engineering problems during their program of study.

With regard to Participative Learning Methodologies followed in Institution, variety of methods and approaches were followed. Flipped Classroom, Blended Learning, Group Discussions or Debates and Peer Learning Classes were offered by the faculty with proper planning for focused attention of the students. Problem Solving Methodologies followed in Institution include approaches such as Think Pair Share, Course-Based Projects and Project Based Learning. The projects that the students work gives those hands on experience in their core areaand make them promising engineers the Nation looks for.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

The Institution supports our faculty to strive to meet the principles of good practice in an effort to provide the best learning experience to their students. The faculty are encouraged to cultivate an attitude towards teaching that include encouraging good communication between teachers and learners; encouraging interaction among learners; providing opportunities for active participation of learners; providing timely and appropriate response and constructive feedback to the learners; emphasizing time on task completion; motivating learning by communicating expectations; respecting diverse talents and ways of learning; encouraging classroom participation and classroom discussion; conducting periodic formative assessment; enhancing metacognitive strategies; encouraging collaborative teaching and collaborative learning; usage ICT and Blended Teaching; and focusing on lifelong learning.

The faculty are encouraged to use ICT facilities provided by the institution and are also encouraged to explored the use of ICT independently by customizing to the courses they are teaching. Sufficient awareness and training is provided to the faculty and the best practices maybe shared among the educators. Students and faculty are using the following Learning Management Tools: Edmodo, Moodle, Canvas etc.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vardhaman.org/learning-management-system/
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

220

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

The institution prepares Academic Calendar with a lot of planning and discussion with head of different departments to take the future course of action. All the discussions and suggestions are put forth to the Academic Committee. The academic committee along with Principal and Deans collectively plan the Academic Calendar. 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 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.

Every faculty prepares Academic /Lesson (teaching) plan before the commencement of class work for every semester. The copies are prepared by the course lead in consultation with the course instructors and is available in the form of course file in the respective department. The academic plan is following by each and every faculty and the action taken report of the compliance are recorded by the course lead.

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

283

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

107

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

1417

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

74

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	No File Uploaded

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

83

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 been following several procedures and processes to bring the positive impact on the examination system. A book which consists of all academic rules, regulations, course structures and syllabi will be given to all the students. To assess the performance of the students through courses, the college is having a prescribed rules and regulations which have been approved in academic council. All the courses are assessed in two stages viz. Continuous Internal Evaluation (CIE) and Semester End Examination (SEE). The CIE will be assessed by conducting an alternate assessment test (AAT) and two Continuous Assessment Tests.

The college has a very strong student portal, wherein all the relevant data which belongs to the students is uploaded in the portal. It is also very important the parents should continuously monitor their ward performance including his/her regularity to the college. Hence, the access to the student portal is also given to the parents. The college will also conduct parent teacher meeting in once a year to bring the awareness in the parents about their ward performance. The director, principal and Dean (Academics) would continuous meet the students regarding academic activities.

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

Program Outcomes (POs) represent the knowledge, skills and attitudes the students should have at the end of a four-year engineering program. It describes the learning that will take place across the curriculum through brief statements, made in specific and on measurable terms. PSOs are

statements that describe what the graduates of a specific engineering program should be able to do after the successful completion of engineering program.

COs are student centric and they focus on knowledge and skills that students can demonstrate. Thus, COs are the consequential knowledge skills that the student acquires at the end of a course. COs are defined by the faculty in consultations. Courses are designed in such a way that all the objectives are attained in the form of course outcomes and are stated in all the courses so that it is clearly understood by the students and teachers.

POs, PSOs and COs are displayed on the college website to make accessible to all the stakeholders (Industry ,alumni, Parents, faculty and graduating students). POs and PSOs of the programs are displayed on the walls of each and every classroom so the students and teachers can perceive and work with perseverance.

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

Program outcomes (POs) and Program Specific Outcomes (PSOs) are the paramount to maintain the quality in the graduation program. Course Outcomes (COs) describe the learning that will take place across the curriculum through concise statements, made in specific and measurable terms. These COs are then mapped with POs and PSOs. During the CO-PO/PSO mapping, the strength of the mapping will be assessed by Course Lead at the beginning of the semester. During the semester the course is assessed using assessment tools to compute CO attainment. Direct Assessment Tools include Alternative Assessment, Continuous Assessment and Semester End Examination and the Indirect Assessment Tool include Course End Survey (CES).

The questions which are given in the CAT 1&2 are mapped to the framed COs which are in turn are already mapped with the POs with a mapping level. It is decided in academic council that the questions to CO mapping is possible, then the CO computation weightage would be as follows: 50% for CIE, 50% for SEE. The weightage for direct and indirect assessment is 90% and 10% respectively. The PO/PSO computation are done using the weighted average of all the COs that are mapped to.

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

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

957

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
The Vision and Mission of the college uphold the significance of research. The Principal, along with the R&D Advisory Board and Committee formulates various research policies. The board promotes basic, innovative and applied research; inter and multidisciplinary research. Under the aegis of Vardhaman Research Promotion Scheme (VRPS), the college provides grant to the faculty who has completed probation at VCE, especially those enrolled for PhD. The Institute is identified as DSIR–SIRO certified Research Institute and established Research Centers on the recommendation of the affiliating University, JNTUH. Research funds are allocated as: • Seed Money to Faculty for research projects • MODROBS from AICTE • To attend/ conduct Conferences/Workshops. • Research Scholarship for JRFs and Ph. D. students (full time). The R&D Committee, ensures that all the research work is free from plagiarism by using Turnitin tool. In addition, the researchers are guided to use the right platforms to share their research findings. The college rewards the faculty for their research as follows. Article Processing Charges: • Paid Journals (SCI/E-SCI/Scopus/Web of Science or above) • Conference (Scopus/IEEE or above) • Patents Incentives: • Free SCI/E-SCI/Web of Science/Scopus/Indian Citation indexed publications • e-Book/Book Chapter/textbook with national or international publisher

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)
8.2684

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

26

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)

52.25936

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

24

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

17

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.

The institution has a well-balanced ecosystem for promoting student talent with the help of academic faculty and excellent infrastructure. Students get an opportunity to co-work with the faculty on live projects and the same results in the generation of research publications, patents and products. The Centre for Innovation and Entrepreneurship at VCE aims at establishing Innovation Hub by building an eco-system through industry partnership. The college nurtures startups from the ideation stage by conducting boot camps, entrepreneurship awareness camps, industrial visits, hackathons, and technical talks It provides them access to global partners and investors with the Help of The Indus Entrepreneurs (TiE), a non-profit organization. The CIE at VCE assists the startups in getting value proposition by providing mentor support, connecting them with Government organizations like the Entrepreneurship Development Institute of India (EDII), Ministry of Micro, Small & Medium Enterprises (MSME), Interaction with Industry Personnel, and also Higher education institutes like IIIT Hyderabad. It also provides legal support like Company Registrations (Firm Registrations), IPR filing, Patenting, and Partnership with Industry people to the students. Incubation Center at CIE funds, mentors and nurtures ideas, start-ups and entrepreneurs. The college is recognized as a host institution (HI) for setting up a Business incubator by MSME.

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

88

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

5

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

0.5229

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

123

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhamancoe-my.sharepoint.com/:x:/g/personal/igac_vardhaman_org/EVw4EH4dFFpJqaoW-f-mA_4BPmp87elcP6FJSYtJ1D7Tfw?e=EgESU7

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

940

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

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

3.4.6.1 - h-index of Scopus during the year

29

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)

17.90

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

4862288

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	No File Uploaded

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

Vardhaman College of Engineering has encouraged student involvement in community-oriented programs and activities over the past five years. The institution has adopted several villages and aims to foster student growth and a sense of community attachment while promoting good citizenship. Co-curricular and extracurricular activities allow students to apply their classroom knowledge to address social issues and develop leadership skills. The college has also started EPIC courses. The college also promotes student involvement in community service, building abilities and skills to respond to emergencies and natural catastrophes. Awareness campaigns and social outreach activities are organized by the college with the help of student volunteers. The institution runs the National Service Scheme (NSS) program with the support of the Ministry of Youth Affairs and Sports, allowing students to engage in community development initiatives such as tree planting, blood donation, support for orphanages, and more. Other initiatives include medical camps, leadership initiatives, clean drives, and traffic awareness programs. The NSS also offers courses on personality development and skills-building initiatives, and students participate in flood relief initiatives. Overall, the institution has taken steps to sensitizing students to social issues and promote holistic development in the neighborhood community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhamancoe-my.sharepoint.com/:b:/g/personal/iqac_vardhaman_org/EZAZxigtXBJFqgTJuA34bEYBLFPj1S0zxKIk_pyFQ-94rg?e=vm9Cvp

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

9

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)

35

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

4768

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

952

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)

43

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college, since its inception in 1999, has built upstate-of-art infrastructure with modern facilities and learning resources which are almost double than the requirement prescribed norms of statutory bodies like UGC, AICTE and JNTU-H. The total land area available of 14.24 acres is 98% more than the prescribed 7acres. The access and circulation area is 209% more, amenities is 197.2% more, the administrative carpet area is 103.3% more, the instructional carpet area is 66.4% more than the prescribed area. In summary the overall built up area is 100.7% more than the required.

All laboratories are fully equipped with latest state-of-the-art technology and equipment. There are sophisticated IT facilities like 2000+ Computers, 62 Printers, 9 Legal System Software and 47 Legal Application Software, 120 Multimedia Projectors, 1200 Mbps of Internet Bandwidth and 70 secured Wi-Fi points. The Central Library with an area of 2,788 SQM is located in two floors with a seating capacity of 500. The digital library is equipped with 30 PCs which are connected with Wi-Fi and LAN for fast and seamless access of the Internet for streaming NPTEL lectures and using e-Resources for the benefit of its users.

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

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

The institution strongly believes in providing holistic development to its students. Vardhaman provides facilities to the students to hone their talent further by conducting a range of cultural and sports activities. The cultural activities hosted in the institution are such that students get an opportunity to exhibit their performances. In turn, these activities help them grow self-confident and trains them to be a promising team player.

Cultural events

‘Ortus’ is the flagship event in which various cultural activities including dance, music and drama are hosted. It regularly sees an overwhelming response from the budding geniuses. In addition, the institution regularly hosts competitions for students. Budding artists also have an opportunity to exhibit their live art work like painting, sketches, among other stage performances on several occasions.

Sports and Yoga

The institution is equipped with all state-of-the art sports facilities for both indoor and outdoor games. Students are encouraged to play a sport of their choice. The institution has a fully fledged cricket stadium with floodlights and turf pitch. Moreover, the college hostel also houses badminton and basketball courts and football field.

In addition, students are trained on Yogasanas as a way of physical exercise and a technique for relaxing mind.

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

82

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

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

2577.52

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)

Libraries build the foundation of education, which is essential for the development of any society. They meet the educational needs of thousands of individuals. The library building has an area of 2,788 square meters spread over two floors and has a seating capacity of 500 users.

The Central Library is computerized with NewGenLib (NGL) Helium v3.2 (Open Source Software), which is web based Integrated Library Management System (ILMS) with Barcode Technology that supports all in-house operations of the library. A barcode system facility is available through the application of NGL Counter and is used for user statistics instead of the manual gate register, which is mandatory for check-in and check-out of library users. The Central Library can be accessed through the Online Public Access Catalogue (OPAC) (<http://192.168.0.15:8080/newgenlibctxt>), which allows users can search the required books in the library as well as the status of the library material.

The Central Library has a significant collection of books, with 67703 volumes and 11164 titles. The Digital Library provides online access to over 8590 e-journals from the IEEE ASPP & POPs, ASME, ASCE, and ESS J-Gate Social Science and Humanities, as well as 16 lakh e-books, thousands of journal articles, and audio books from the collection of the World Library, and it also subscribes to 156 print periodicals that include national and international journals and technical magazines.

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)

23.57

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

937

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

4.3 - IT Infrastructure

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

The IT infrastructure of the college is maintained by trained and experience professionals. The Computer Centresupported by team of Network and System Administrators and software developers toprovide state-of-the-art and robust hardware facility, softwares and networking support for securely maintaining the College Academics, Administration, Examinations and Research related activities.

The Computer laboratories are being upgraded from time to time to provide the best computational infrastructure to the students.The Infrastructure consists of one Gbps Fiber optic cable network of 3 kms connecting all the building blocks of the college; Wired and Wi-Fi equipment of 123 Hub racks, 235 network switches, 130 routers etc; 22 Servers hosting different applications which provide computational environment; Internet Facility of 1200 Mbps from Inet Fiber Pvt Ltd. providing Wi-Fi across the college campus; 9 System softwares and 40 Application softwares; 170 Air conditioners to maintain 2224 computers in various laboratories, research centres and administrative offices. The ICT equipment of 125 multimedia projectors, 22 Public Address Systems, 10 Sound mixers; 25 Biometric Finger-Print, Face Recognition, Aadhaar Enabled Attendance System and Access card equipment; 50 Fire protection and safety equipment; and 350 CC Cameras surveillance equipment for campus safety and management. .

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
4223	2344

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ≥50 Mbps

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

A. All four of the above

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)**

1803.47

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/iqac_vardhaman_org/EaQHfYqOzBuZJj_oJLs3pNpEBsEWilNJUMKEj7OWKQrftYw?e=pocSav

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

2061

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

30

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

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

990

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

5.1.5 - The institution adopts the following mechanism for redressal of students’ grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students’ grievances Timely redressal of grievances through appropriate committees		A. All of the above
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File Description	Documents
Minutes of the meetings of students’ grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

754

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

151

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

107

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

4

File Description	Documents
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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

The students of the college are active members in committees like Board of Studies, IQAC, Internal Complaints Committee, Department Technical Associations, Technical clubs, Sports clubs, Cultural clubs and National Service Scheme(NSS) which caters the overall growth and success rate of the institution. Student inputs are taken in designing the Vision and Mission of the College and also in designing the PEOs of the Department program. Students also contribute in designing curriculum, feedback of Course Outcomes and facilities in the college, which in turn supports stakeholders’ involvement in realizing the vision, mission and quality policy of the college. In addition, the students are members of various professional bodies like IEEE, ISTE, CSI etc., where they get an opportunity to organize and participate in technical activities. Further, they are also involved in Anti-ragging committee to create awareness about the Ragging Act among fellow students.

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

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

30

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

5.4 - Alumni Engagement

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

The college conducts an annual meet of its alumni, “MITRA” both at college campus and abroad, to bring them on a common platform to share the college progress and also know their progress in their lives. The Alumni support VCE and contribute to the institutional academic development. In order to strengthen the bonding with its alumni, the college developed an automated alumni portal which includes alumni directory, e-publishing, job opportunities, automated mailing system and peer-to-peer invite links.

The alumni portal is also integrated with social media to better manage all social media channels at a single point. The charter of Vardaman Alumni Network (VAN) is as follows:

- To plan, implement and promote alumni programs to support VCE’s strategic Initiatives
- To build relationship with a wide range of alumni (local, regional, national and global)
- To organize social events, publish newsletters, and raise funds for promoting education at VCE
- To involve in training, counselling, guiding, contributing to the academic development and student success
- To support new alumni, and provide a forum to form new friendships and business relationships with people of similar backgroun

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://alumni.vardhaman.org/

5.4.2 - Alumni’s financial contribution during the year		D. 2 Lakhs - 5 Lakhs	
File Description		Documents	
Upload any additional information		View File	
GOVERNANCE, LEADERSHIP AND MANAGEMENT			
6.1 - Institutional Vision and Leadership			
6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution			
The Governing Body is established in accordance with UGC guidelines, ensures that all decisions about admission, budget, infrastructure, teaching-learning process, and placements are aligned with the Institute's Vision, Mission, and Quality Policy. The Vision of the institution is "To be a pioneer institute and leader in engineering education to address societal needs through education and research for sustainable future." The Mission of the institute is "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". The Quality Policy is "To endeavour to uphold excellence in all spheres by adopting best practices in effort and effect". The governance approach of the GB is truly democratic (participatory), de-centralized, and transparent. It promotes participation of all stakeholders for smooth functioning of the college. The GB ensure the involvement and contribution of all senior faculty by constituting statutory & non statutory committees. Various committees as mentioned below are in place to monitor the institute progress towards realizing its vision, mission while adhering to quality policy. GB constantly monitors the quality of all aspects through Internal Quality Assurance Cell (IQAC) .			
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			
The management operates using a decentralized, collaborative strategy. Decentralization helps the management by delegating administrative and academic responsibilities to various heads. This objective promotes inclusiveness and participatory style of functioning As an integral part of this governance structure, the management delegates administrative and academic decision-making to the Principal, Academic Heads & Deans for smooth operation of the institutional activities. The college includes all the stakeholders while framing various guidelines to fortify the systematic functioning of the college. There are several committees, both statutory and non-statutory to govern various activities in the institution. The minutes of the governing body, other committees and academic activities are published on the college website as an act of transparent governance. The information is also shared with the employees through various meetings and circulars from time to time. There are as many as 32 active committees in the college which work constantly to uphold all-round development of the students. The following are the few operational committees in the institution: High Level (Statutory) Committees: The Governing Body, Academic Council, Board of Studies and Financial Committee and non-statutory committees which make decisions related to overall development and growth, policy decisions.			
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/governingbody/	
6.2 - Strategy Development and Deployment			
6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented			

The College envisioned a long term well defined course of action for five years from 2016-17 to 2020-21. It was developed and deployed with Institutional Holistic Development, Infrastructure, Faculty, R&D, Students, Academic Excellence and Examination Reforms

The college has already formulated a comprehensive strategic plan for the next five years, covering the period from 2021-2022 to 2025-2026. The plan was developed in consultation with the planning and evaluation committee, and it focuses on achieving six key objectives: Administration, Physical Resources, Human Resources, Education Process, Research and Innovation, and Building Connections. The GB continuously monitors the strategic plan and gives suitable advices.

Over the next 5 years, we will prioritize improving governance with transparent decision-making processes and strengthening accountability mechanisms. We will focus on upgrading physical resources by investing in state-of-the-art technology and modern infrastructure. To ensure the success of our mission, we will recruit and retain top talent through competitive compensation packages and professional development opportunities. Our education process will prioritize student-centered learning and cutting-edge pedagogy. Research and innovation, with a focus on advancing the frontiers of knowledge and driving positive societal change. We will prioritize enhancing the institute's perception by strengthening our brand and building partnerships with key stakeholders.

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.

The college follows a well-defined organizational hierarchical construction showing individuals liable for different undertakings and the degrees of oversight. The Governing Body is the highest body of the college and is the supreme decision-making body. In the governing body meetings several issues pertaining to various administrative, financial and academic matters are taken up, discussed and appropriate decision are taken keeping the student development as its central agenda. It follows the guidelines laid by the apex bodies like UGC, AICTE and JNTUH and comply with them with utmost sincerity. The Governing Body continuously monitors the strategic plan and gives suitable advice to the administration for execution of the plan. The statutory and non-statutory committees are in place to administer various activities related to academic, administrative and extension works. The statutory committees like Governing Body, Academic Council, Board of Studies and Financial Committee make decisions related to overall development and policy matters like Research Promotion Policy, Recruitment Policy etc., The non-statutory committees like Academic Audit, IQAC, Results Committee etc., Research and Development and others comprising of the Principal, Deans, COE and HODs. Thus, the governance of the college is more participatory and led by the governing body.

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/policy-documents/

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
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File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

Employees are viewed as the greatest asset by the administration. The welfare measures that the institution provides include Promotion and increments based on self-appraisal, cash awards and certificate of appreciation for academic excellence, incentive for publication of papers / research articles, financial support to faculty to conduct guest lectures/conference/Seminar/workshop/FDPs. All the employees are provided free transport facility, Medical insurance up to 2 lakh towards accidental and health insurance per annum for both employee and spouse, EPF, 6th Pay commission, annual membership fee in Indian Professional Bodies, Registration fees, TA &DA for attending conferences, seminars and workshops; in addition Special Incentives for the best research work; Seed Money; Sports, gym and yoga facilities; ATM in the campus; Birthday Gifts; Timebound increments and Gratuity. In addition, casual Leave, special leave, medical leave, maternity leave and Special Casual Leave to both teaching and non-teaching staff. An employee can avail 12 casual leaves, special leaves in an academic year to attend seminars/symposia/ workshops organized by institutions of national and international repute, On Duty leave to faculty representing the college either for administrative work or to presenting research project report/ AICTE/JNTUH/ Technical Education/UGC, 4Medical Leaves (after completion of the probation), and maternity leave.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vardhaman.org/wp-content/uploads/2021/09/2021-07-17-SERVICE-RULES-POLICIES-SOPs-AND-PROCEDURES-Book4632-pages-deleted-compressed.pdf

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

156

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

64

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.)

193

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts regular internal audits by the authorized and recognized auditors. In addition, the state government also monitors and audits the institutional finance/accounts through TAFRC. The state government pays the fees (through reimbursement) of all eligible students.

The College Finance Committee reviews financial planning periodically. The institute is registered under section 12A of the Income Tax Act. Optimal utilization and execution of the budget is monitored through internal and external auditing. The annual budget for institute is prepared and proposed at the beginning of financial year, for recurring and non-recurring potential income and expenditures involved for the year. The departmental budget proposals of the requirement are also prepared and submitted for the approval of the GB. Mobilization of funds in the institute is through resource and fund mobilization policy. The primary source is tuition fees, revenue generated from research projects and consultancy. The college auditors conduct the audit of accounts quarterly, scrutinize and verifies all payments, receipts and maintains vouchers of the transactions, cash books, ledger account and all bank accounts in every financial year. The auditors prepare income and expenditure statement and Balance Sheet. The financial statements are published on the college website.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://vardhaman.org/mandatory-disclosure/

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

0

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

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

The institutional budget is prepared by the Principal every year taking into consideration both recurring and nonrecurring expenditure. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells viz., Library, R& D Cell, Exam Cell, T&P Cell, NSS Cell, etc. are also instructed to submit their budget through the Principal. All the major financial decisions are taken by the Governing Body (GB). All the major financial transactions are analyzed and verified by the governing body under different heads like Research & Development, Training & Placement, Software & Internet charges, Library Books/ Journals, Repair & maintenance, Printing & stationary, Equipment & Consumables, Furniture & Fixtures. Wherever funds are inadequate, the management borrows loans to meet the expenditure. Given the nature of the institution, it has limited scope for fund mobilization. The college management never compromised to provide quality engineering education. It clearly indicates the social commitment of management and their sincere contribution to the mission of the state government. It is a little attempt of the institution to partner in the progress of the state by empowering the young minds.

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)

The Internal Quality Assurance Cell provides monitors maintenance of a desired level of quality imparting education to students by taking utmost care through a well-designed curriculum, teaching-learning processes, and assessments. The following are the achievement/academic improvements wherein the IQAC put its stamp of quality practice: 6 UG got NBA Accreditation Under TIER-1, Consistent NIRF Ranking since 2017 to 2022, The college stands at 162 & 141 in 2022 & 2021 ranking under Engineering Category respectively and 151-200 in overall category, NAAC Accreditation A++ with CGPA of 3.58. The initiatives taken by IQAC resulted in fruitful outcomes over the years and journey is continued further. Some of the significant academic achievements are as follows: Doctorate faculty members increased from 92 to 110, Technical papers published in reputed national/international journals increased from 163 to 238. Significant increase in the percentage of campus placements.

Patents increased from 36 to 10land increase in external grants, at present stands around rupees 717.69 Lakhs. The IQAC Cell strategically ensures the quality of teaching-learning practices through stringent initiatives and measures such as Faculty Self-Appraisal, FDPs, and Training Programs for Non-Teaching, Workshops on OBE, Conference Educational Reforms, Setting Quality Bench Marks, Key Performance Indicators, Auditing and Impact Mentoring, and Academic and Administrative Audit.

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 teaching learning process was monitored on continual basis through Academic Audits by the IQAC. The institution follows Choice Based Credit System (CBCS) and adopted the AICTE model Curriculum of 160 credits since 2018-19. To expose the students to global learning a methods and learn the human skills to reflect upon societal needs few new courses (four credits) such as social innovation and engineering exploration were introduced in the curriculum drawing from EPICS program of the Purdue University, USA. In case the COs and POs are not achieved, necessary changes are made in the teaching methodology to reach the target levels of attainment. Attainment of the learning outcomes measurement was done by the Course Outcomes (COs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). The IQAC ensure the quality of the attainment levels of the learning outcome through continuous monitoring of the whole process at every stage through academic audits. The assessment process involvesCAT-1, CAT-2, Alternative Assessment Test and Semester End Examinations and awarded with letter grade with CGPA. The question papers for all the assessments are made qualitatively adopting the knowledge levels as described in Bloom’s Taxonomy. Thus, IQAC reviews its teaching learning process and learning outcomes periodically.

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

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/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The college encourages gender equality right from recruitment of teaching and nonteaching to promotion. It has 28% women employees and 32% of girl students in the campus. Women are given equal chance to progress on par with men and are given opportunity to hold positions like president, vice-president and secretary of various students’ clubs of the college. The College has established a grievance and redressal cell for women protection, to do away inequalities and to tackle any sexual harassment issues. Students are continuously educated through, various awareness programs on self-defense, health and hygiene. Speakers from “She Teams” from the state police department to educate on gender equity. In college buses pre-defined seats are allocated for women. In-house hostel facility for girls with 24X7 Security, CCTV Surveillance, Solar

Fencing, In-House Warden, sanitary napkin vending machine and an incinerator are available. Round the clock ambulance service, equipment of games, sports, and gym are provided in the campus. For every 20 students there is a mentor to give advices on academic and non-academic matters. Waiting room, Reading room are provided for girls. Healthcare facilities with part time doctor, 04 beds, 02 consultation rooms and a pharmacy are also provided.

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

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
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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)

Solid waste is segregated as degradable and non-degradable and are handed over to the concern authorities under MOU as a part of Clean and Green campus. Each block and each floor is provided with dry waste collecting bins every day and collected, the same is transported to the concerned places and segregate and hand over to concerned authorities. Vegetable waste and food waste is treated and converted into vermi compost and used as manure. The cow dung available in the cattle field in the campus helping the vegetable waste to manure in course of time for regular use. The college is striving to be a plastic free zone and in process of vertical garden with the available waste pet bottles and making the campus ecofriendly and greenery to reduce global warming. UPS batteries are refurbished by the sellers. In chemistry laboratory, organic solvents are collected in a special container -chemically compatible, securely fitted with a tight-fitting lid and labelled as hazardous waste and safety aspects before utilizing them. Corrosive liquids are appropriately diluted to a pH between 5.5 and 10.5 and then, these can go down the drain. The recycled water is utilized for plantation and garden area.

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	No File Uploaded

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
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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:	A. Any 4 or All of the above
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1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	
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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
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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.

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
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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	No File Uploaded
Any other relevant information	View File

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

The college has always acted positively in sensitizing the students for an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities. The college buzzes with lot of activities during 'ORTUS' (College Annual Day), making the students participate in different activities keeping aside their regional barriers. They participate in all cultural, regional activities bringing in the fervour of all traditional and cultural ambiances of different regions into the campus. Students who are fresh to the college are encouraged in the initial days by the faculty to inculcate harmony and tolerance and participate in all the activities being organized by the institution. Sports and cultural activities open doors for the talented students to explore themselves thereby promoting harmony. Competitions like Rangoli, Batukamma, and celebrations on Women's Day, International Yoga Day, National Integration Day, National Youth Day, Ganesh Chaturdi will create harmony among students of various regions, religions and also make them know the importance of other religions' traditions.

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:

Vardhaman College of Engineering sensitizes the students and the employees of the institution to the constitutional obligations viz values, rights, duties and responsibilities which enable them to conduct as a responsible citizen. On Many occasions the students are enlightened on their fundamental rights and responsibilities. The institute celebrates Independence Day, Republic Day, to make the students understand the importance of observing these days. They aim at highlighting the Constitutional spirit of liberty, equality, justice and fraternity. In addition, the institute organizes the National Unity day on 31st October to pay tribute to veteran freedom fighter Sardar Vallabhbhai Patel, who was also the country's first home minister whose contribution in convincing many of the princely states to join the Union of India after Independence remains especially notable. To honour Vallabhai Patel's legacy the government of India has declared 31 October in the year 2014 as National Unity day. Sardhar Vallabhai Patel's birth anniversary is celebrated as the National Unity day. The National Voters' Day is also being celebrated on January 25 in our Institution to mark the foundation day of Election Commission of India. The main purpose of the National Voters Day celebration is to encourage, facilitate and maximize enrolment, especially for the new voters. Dedicated to the voters of the country, the Day is utilized to spread awareness among voters for promoting informed participation in the electoral process.

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

The Vardhaman college of engineering gives first preference to commemoration days, events and festivals for the overall development of the staff and students fostering a strong sense of cultural identity and integrity. Because of this, our campus commemorates and hosts key holidays and days like Teacher's Day, NSS Days, Science Day, Youth Festivals, Cultural festivals, Freedom Fighter’s Day, Women’s Day, National Integration Days, Engineers Day, etc. These occasions and festivals are frequently observed with tremendous joy and vigor. Due to India's diversity and the celebration of such occasions, people of different religions would become more tolerant and unified.

Festivals help us put aside our differences in culture and religion. They significantly contribute to breaking up the routine of existence. Additionally, they anticipate festivals throughout the entire year. Festivals make people happy and offer them something to anticipate. Festivals, bring color and excitement into our lives. They remove any thoughts of racial hatred and bring us closer together every year. Additionally, they make community ties stronger and cleanse hearts of hate. Festivals must therefore be enthusiastically observed because they are highly important. So, we celebrate all the activities throughout the year in a cyclic process for the togetherness of everyone.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
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

The institution keeps adopting the practices which are useful to the students every year and once the outcome of the practice is observed as successful, that practice becomes a regular one from the next year onwards. The identified best practices are

1. Empowering Future Professionals: Making the students Industry Ready through Institution-Industry interactions

2.Promoting Student Innovations: leveraging advanced incubation center to foster entrepreneurship and innovation

The Objectives of this Best Practices areto foster mutually beneficial relationship between Institution-Industry through first-hand industry exposure to students, conducting research and providing career opportunity to the students andto create real-time problem-solving mindset among students and coming up with innovative solutions. The solutions can be either product or service which helps in Fostering Creativity and Entrepreneurship among students

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)

Holistic Development

Education can be said to be holistic only when it prepares the students to face the challenges of life in this competitive global world. At Vardhaman, this is what we ensure. We groom the students not just in academics but also give an exposure to experiential learning. Students are exposed to the outside world through Professional Society Associations and various clubs and by participating in various curricular and extracurricular activities organized by the college. We create an environment through Professional societies like IEEE, ISTE IETE, ASME, ASCE activities that compels students’ to participate and organize events thus grooming them to develop organizational skills and leadership qualities.

Students are given freedom of the mind and heart while focusing on the artistic, academic and practical aspects of learning. Students showcase their talent through the various clubs at Vardhaman.

As part of Holistic Education, social-awareness and a sense of responsibility are inculcated in the students through NSS and NCC activities. In the process students develop compassion, strong critical thinking abilities and come up with exceptional solutions in solving societal problems.

File Description	Documents
Appropriate link in the institutional website	https://vardhamancoe-my.sharepoint.com/personal/itsupport_vardhaman_org1_id=%2Fpersonal%2Fitsupport%5Fvardhaman%5Forg1%2FDocuments%2Fiqac%2Dbestpractices%2F7%2E3%20Distinctiveness%5FHolistic%20Development1%2Epdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

For the academic year 2022-23 NIRF 2022 Rank between 120-140

Interdisciplinary Research collaborations

NBA Accreditation for MBA & M.Tech PG Courses

External Academic and Administrative Audit for the academic years 2019-20,2020-21 and 2021-2022

Collaborative Quality Initiative Programs with other Institutions and some NAAC sponsored Workshops.

More Skill Development Programs for Technical/Non-Teaching Staff