



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

KONDAPUR (V), GHATKESAR (M), MEDCHAL (D)

501301

www.vmtw.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

July 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Vignan's Institute of Management & Technology for Women (VMTW) is a prestigious educational institution located in Kondapur (V), Ghatkesar (M), Medhcal (D), Telangana, India. VMTW is the brainchild of **Dr. L Rathaiah, Chairman, Vignan Group Institutions**, was established during, August, in 2008, with four branches of Engineering with the aim of empowering rural women through quality education, VMTW provides a nurturing and inclusive learning environment that fosters academic excellence, personal growth, and professional development.

VMTW is affiliated with the Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad, approved by the All India Council for Technical Education (AICTE), accredited by NBA (CSE & ECE courses) till June-2025 and is certified by ISO 14001:2015. The institute offers undergraduate and postgraduate programs in engineering.

The campus of VMTW is sprawling area of 5 acres sylvan surroundings of mango groves and greenery. VMTW is well-equipped with state-of-the-art infrastructure and modern facilities. The institute houses well-equipped laboratories, a library with a vast collection of books and online resources, spacious classrooms, and a dedicated placement cell to assist students in their career aspirations. VMTW is having hostel with good facilities within campus.

Beyond academics, VMTW encourages students to engage in extracurricular activities, sports, and cultural events. These activities provide opportunities for students to develop their leadership, communication, and interpersonal skills while fostering a sense of community and holistic development.

In conclusion, Vignan's Institute of Management & Technology for Women (VMTW) is a leading institution dedicated to empowering women through quality education. With its focus on academic excellence, practical learning, and overall development, VMTW strives to prepare women for successful careers and leadership roles in the dynamic and evolving professional world. In this process VMTW made the students from '**can you help me**' stage to '**can I help you**' stage.

Vision

To empower female students with professional education using creative & innovative technical practices of global competence and research aptitude to become competitive engineers with ethical values and entrepreneurial skills.

Mission

- To impart value based professional education through creative and innovative teaching-learning process to face the global challenges of the new era technology.
- To inculcate research aptitude and to bring out creativity in students by imparting engineering

knowledge imbibing interpersonal skills to promote innovation, research and entrepreneurship.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

The management is pioneer in the education sector for the last 4 decades with distinctive vision.

- NBA Accredited all eligible branches.
- Eco-friendly green campus in a calm and quite peaceful environment.
- Focus on Women's Empowerment
- Quality Education
- Highly Experienced Teachers
- Outcome Based Education
- State-of-the-Art Infrastructure
- Alumni Network
- Focus on Personality Development
- Mentor and Mentee System
- In Campus Hostel

Institutional Weakness

- Limitation in curriculum design as it is affiliated college.
- Inadequate funding projects.
- Centres of Excellence and Innovation.
- Limited number of Research Publications and Patents.
- Innovative starts-ups initiation yet to be nurtured.
- Self-consciousness to take up new opportunities since the students are hailing from rural background.

Institutional Opportunity

- Develop a Women Taskforce to contribute to the progress of the Nation.
- Positive students' feedback regarding the mixed methods approach to teaching and learning process
- Public- private partnership in projects
- Transforming the students to make Industry Ready and Entrepreneur.

Institutional Challenge

- Retention of the faculty in demanding programs.
- Training the students of rural background in social and professional. etiquette, communication, technical and other skills for employability.
- Recruitment of quality faculty with Ph.Ds especially women.
- Getting industry oriented projects from private industries.

- Progression of women students towards immediate higher education on account of financial constraints.
- Internships from repeated MNC Companies.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

VMTW evaluate the effectiveness of the institution's curriculum in providing a comprehensive education that meets the requirements of the engineering discipline and prepare students for the demands of the industry.

Our institute VMTW have a systematic mechanism for regularly reviewing the curriculum to keep it aligned with advancements in the engineering field. Feedback from industry experts, alumni, teachers and students are considered to ensure the curriculum's relevance and meet industry needs.

VMTW have the necessary infrastructure, laboratories, and resources to support the curriculum. Faculty members employ effective pedagogical approaches, teaching methods, and assessment practices. Monitoring mechanisms are in place to address any gaps or challenges identified in curriculum delivery. The institute established and strengthened collaborations with industries to provide students with exposure to real-world engineering practices. It also facilitated industry internships, expert lectures, value added programs and industrial visits to bridge the gap between academia and industry requirements.

Implementing Cross-cutting programs in institute aimed to enhance the overall educational experience by addressing interdisciplinary themes and promoting a holistic approach to learning.

The outcomes we achieved by implementing cross-cutting programs at VMTW are

Interdisciplinary Understanding

Integration of Knowledge and Skills

Collaboration and Communication

Critical Thinking and Creativity

Personal and Professional Development

VMTW is committed in providing a well-rounded education that prepares students for the engineering profession. It ensures that the practices are relevant, up-to-date, industry-driven, and promotes research and innovation. Through effective implementation, and monitoring, the institute equips students with the necessary knowledge, skills, and competencies to excel in the engineering field and contribute to technological advancements.

Teaching-learning and Evaluation

Admission in to various courses of the institution is based on EAMCET/ ECET/PGECET examinations apart from convener and management quota admissions. The Institute follows rules and regulations of State

Government with regard to catering diverse needs of students of various categories.

The institution is strengthened with qualified and experienced faculty. The institution currently has 125 full-time teachers on rolls (out of which 55 are women and 70 are men), follows 1:13.76 STR. There are 15 doctorates in the institution. One faculty is allocated for every 20 students as Mentor for monitoring their attendance, punctuality, discipline and academic performance as well as to guide them through their career path. They may contact their mentors for academic or any other issues.

The academic calendar is prepared and available online to learners. Sincere efforts are put to address the needs of advanced learners and slow learners. Remedial classes are provided to slow learners. Student-centric methods through experiential learning, participative learning and problem solving are practiced. Academic-Calendar and Teaching-plans are strictly followed and are audited regularly. The institution has implemented Learning Management System for interaction with teachers and to access learning resources and e-material. Faculty are encouraged to use ICT tools for effective teaching and to utilise e-resources to enrich teaching – learning methods.

The learning levels of the students are assessed regularly and corrective actions are taken. The Institute has centralized Examination committee to conduct internal test and semester end examinations. Fair practices and transparency are maintained in the examination and evaluation processes.

Direct and indirect methodologies have been created to assess the Program Outcome, Program Specific Outcome and the Course Outcome. The attainment of COs, POs and PSOs is measured through continuous internal examination, end semester results and satisfaction survey summary of all the stakeholders and reviews the Teaching-Learning strategies. The CO, PO & PSO helps to develop the teaching and learning process and also give a clear picture of the employability, skill development and entrepreneurship prospects.

Research, Innovations and Extension

One of the major objectives of the institute is to foster the spirit of research among the faculty and students. Vignan's institute of management and technology tries to inculcate self exploration and learning. The students and faculty along with academics take the activity of research seriously.

The Institute has a Research Committee which always promotes and encourages the faculty and students in research culture. The college has received Grants from various consultant organizations. Faculty members have published various papers in National, International journals/ Conferences, Patents, books, book chapters and other contributions.

The college has organized various workshops, faculty development programs, seminars, webinars on Intellectual Property Rights, Entrepreneurship, Research Methodology which has improved the skills of the faculty and encouraged in personal and professional Life. Various Activates in association with various organizations and social activities have also been carried out during the past five years.

For the development of our student skills, both soft and technical, our institute tie up with some emerging companies and done MoUs. These MoUs are very useful to the students for increasing the skill towards the companies' requirements.

For increasing the awareness in the field of social activities, our institute conducted the programs on blood

donation camps, swachh bharat, NSS etc.

Now way days one of the major diseases for women is breast cancer. So, our Education Society conduct the awareness programs on different types of the breast cancers. These programs are very much useful to the students for creating the idea about the early detection of cancers.

Infrastructure and Learning Resources

The focus of VMTW is to evaluate the adequacy, availability, accessibility, and utilization of infrastructure and learning resources in higher education institution.

Physical Infrastructure: Assessment of the availability, condition and suitability of classrooms, laboratories, libraries, ICT infrastructure, sports facilities, hostels, and other physical spaces. Factors such as space, seating capacity, ventilation, lighting, and safety measures are considered. VMTW campus spreads over an area of 5 acres of land, around 12000 square meters of area with lush green trees with sparkling environment. The campus is well-furnished, well-ventilated, spacious classrooms and laboratories with ICT facilities for conducting theory and practical classes. The Institution has domain centric laboratories, Central Library, Digital Library, huge Play Ground, ICT Based Seminar Hall, Open Air Auditorium, Yoga Center, Health Center, Gymnasium, Hostels, IQAC Cell, , R&D Cell , Training & Placement Cell etc.

Learning Resources: Evaluation of the availability and quality of learning resources, including books, journals, e-resources, databases, research publications, and other learning materials. VMTW Library subscribes to various academic journals, databases, and a digital library to provide access to research articles, reports, and other publications. It provides access to computers, printers, and other equipment that students can use for their research and assignments.

Utilization and Maintenance: Assessment of resource management policies and practices, including efficient utilization of space, equipment, and technology. Evaluation of measures taken for regular maintenance, upgradation, and renewal of infrastructure and resources. Vignan's Institute of Management and Technology for Women upgrades the IT infrastructure by replacing the old computers and peripherals depending upon the requirements as per the updation in the JNTUH Curriculum. VMTW has 846 computers with different configuration of processors like Intel i5, i3 and core2duo with RAM size from 2GB to 8GB, different sizes of hard disks like 1TB, 500GB. The Campus is provided with 100 Mbps broadband high-speed internet. A separate team with in-house staff is formed to take care of the IT & related needs of the campus such as Software Development, Hardware & Networking, Website designing & hosting, Email solutions, SMS solutions, etc.

Student Support and Progression

Every program and activity are focused on the student and works toward their overall development. Since its inception, the Institute has had a well-organized system in place to support students as they advance academically, emotionally, and psychologically from the point of admission through the awarding of degrees and beyond.

This is clear from the fact that the majority of average students, who come from rural areas with low confidence levels, develop into intelligent, confident, and competent professionals.

A staff counsellor/mentor is attached for every 20 students in a well-defined counselling and mentoring system.

According to the students' academic achievements, merit scholarships are awarded. For slow learners, special classes are set up with ongoing support. Every student has access to accidental health insurance.

Students, faculty, and staff have access to health centers, which also offer special services for those with disabilities. Students are encouraged and motivated to take part in extracurricular and co-curricular activities both on and off campus, which helps them develop crucial interpersonal, teamwork, organizational, and managerial skills.

Placement: The Institute has been successful in placing around 85% of qualified students in MNCs and reputable core businesses. The remaining pupils are encouraged and instructed to choose higher education. A maximum package of Rs. 20 lakhs are offered to students. The Institute's alumni association keeps in touch with former students and seeks their input on the curriculum as well as details about internship, project, and employment opportunities. In all academic and administrative bodies, students are represented.

Apart from the above we are also offering free education those who economically poor and meritorious students.

Governance, Leadership and Management

Vignan's Institute of Management and Technology for Women (VMTW) assesses the effectiveness of an institution's governance, leadership, and management structures in promoting quality education and achieving the institution's vision and mission. The institution is governed, guided, and managed to fulfill its objectives and meet the needs of its stakeholders. VMTW evaluates various aspects such as the existence and functioning of governing bodies, their composition, representation, and decision-making processes. Governance, Leadership And Management looks into the strategic planning and implementation of policies and initiatives for academic and administrative development. Transparent & accountable systems are established to assess the availability and utilization of resources, financial management practices.

VMTW emphasizes the role of leadership in promoting a positive academic and work culture, fostering innovation, and ensuring the overall development of the institution. It examines the effectiveness of leadership in promoting faculty and staff development, creating a conducive teaching learning environment, encouraging research and innovation activities. VMTW assesses the existence of a feedback system for students, staff, and other stakeholders. The institute responsiveness to their suggestions and grievances. VMTW is focusing on the good governance, leadership, and management practices to facilitate quality education and holistic development.

Institutional Values and Best Practices

The VMTW has initiated the Gender audit and measures for the promotion of gender equity through conducting various awareness programs under Women Protection & Empowerment Cell (WP & EC). Highest priority is given to women faculty in administrative positions. As a Women's engineering college, the institution provides supportive environment for female students to meet the challenges of the outside world through a gender-sensitive administrative structure.

The VMTW takes necessary actions towards energy conservation methods with establish Renewable Sources of Energy, Energy Saving and Energy Efficient Equipments. The VMTW accept the moral responsibility in addressing the challenges of environmental sustainability and climate change. The institute incorporated planning and budgeting procedures into its strategy stand adopted best environmental friendly practices in the campus and it

The institute respects all cultures, regions, languages, communities, and an ambience of harmony and given priority about the values, right, duties and responsibilities of citizen. The institution has set out on a mission to transform the girl students from lower and middle class families in rural and semi-urban areas into capable, confident, and well-groomed professionals through a comprehensive framework. Students can avail library and computer lab facility beyond the college hours for best practice to get good results and placements.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN
Address	Kondapur (V), Ghatkesar (M), Medchal (D)
City	Hyderabad
State	Telangana
Pin	501301
Website	www.vmtw.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	G. Apparao Naidu	970-1330999		-	
IQAC / CIQA coordinator	G. Rajesh	0812-5717550	9494274083	-	rajesh@vmtw.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	For Women
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Telangana	Jawaharlal Nehru Technological University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	03-07-2022	12	EoA will be yearly

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Kondapur (V), Ghatkesar (M), Medchal (D)	Urban	5	13631.25

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Computer Science And Engineering,CSE	48	Intermediate	English	180	180
UG	BTech,Information Technology,IT	48	Intermediate	English	60	60
UG	BTech,Computer Science And Engineering Ai And ML,CSE AIML	48	Intermediate	English	60	60
UG	BTech,Computer Science And Engineering Data Sciecn,CSE DS	48	Intermediate	English	60	60
UG	BTech,Artificial Intenllegence And Data Science,AID S	48	Intermediate	English	60	60
UG	BTech,Electronics And Communication Engineering, ECE	48	Intermediate	English	60	58
PG	Mtech,Electronics And Communication Engineering, VLSI	24	UG	English	9	2

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	7				21				81			
Recruited	7	0	0	7	15	6	0	21	39	42	0	81
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				30
Recruited	17	13	0	30
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				32
Recruited	19	13	0	32
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	0	0	6	2	0	0	0	0	15
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	56	53	0	109
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	0	0	0	0	0
	Female	1579	36	0	0	1615
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	10	0	0	0	10
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years						
Category		Year 1	Year 2	Year 3	Year 4	
SC	Male	0	0	0	0	
	Female	38	39	14	7	
	Others	0	0	0	0	
ST	Male	0	0	0	0	
	Female	14	10	7	3	
	Others	0	0	0	0	
OBC	Male	0	0	0	0	
	Female	295	269	156	130	
	Others	0	0	0	0	
General	Male	0	0	0	0	
	Female	159	178	172	155	
	Others	0	0	0	0	
Others	Male	0	0	0	0	
	Female	0	0	0	0	
	Others	0	0	0	0	
Total		506	496	349	295	

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	VMTW is affiliated College will follow the curriculum designed by the JNTUH, in which university offering many multidisciplinary and interdisciplinary courses as a open electives and professional electives. Apart from this university is also offering Minors and Honors courses to students to gains the degrees in multidisciplinary and interdisciplinary. JNTUH already updated its curriculum from the Academic year 2022-23 according to NEP-2020.
2. Academic bank of credits (ABC):	Under National Education Policy-2020, the Academic Bank of Credits facility is the provisions of creating a digital platform for the students that will store the academic credits earned by the students at various higher education institutes across the country. VMTW is in the process of implementing the NEP and suitable action will follow. Hence in this regard the College shall abide by the rules and regulations prepared by the JNTUH, as a affiliated college.
3. Skill development:	VMTW enrolled its student in Telangana Academy for Skill & Knowledge programme (TASK). TASK is an action of the state government of Telangana. TASK was established in 2014 for skilling youth and creating community between institutions of Government, Industry and Academia with the ideal of perfecting quality, applicability, access, and Outreach of training. It also facilitates entrepreneurial capacities and enhances assiduity relation. Which are helpful after of finishing scale equips scholars with the missing chops that are needed in the request therefore making them assiduity ready. The programme helps ameliorate their Communication, platoon- Work and problem- working and decision-making capacities. Apart from this VMTW regularly interacting the with industry experts to transform the latest skills to the students.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Most of the student come from rural area and learn in dialect medium, faculty members took all efforts to deliver lectures in bilingual mode (English & Telugu). VMTW is creating awareness by organizing the programmes on art of living and local cultural programmes to absorb the Indian tradition. VMTW also motivate the students to learn the Online courses like NPTEL in the local languages. A part from the curriculum VMTW is creating the awareness on Human values, Ethics and local festivals.

<p>5. Focus on Outcome based education (OBE):</p>	<p>VMTW, or Value-Added Measures of Teaching, is an approach to education that focuses on assessing the impact of teachers and college on student learning outcomes. It is often associated with the concept of outcome-based education (OBE), which emphasizes the mastery of specific learning outcomes or competencies by students. Outcome-based education involves defining clear and measurable learning outcomes that students are expected to achieve. These outcomes are typically defined in terms of knowledge, skills, and attitudes. The curriculum and instructional strategies are then designed to help students attain these outcomes. VMTW, as an approach within outcome-based education, seeks to evaluate the effectiveness of teachers by measuring the value they add to student learning. It typically involves analyzing students' pre- and post-test scores to determine the progress they have made over a given period. The growth or improvement in student achievement is attributed to the teachers, considering the starting point of the students. However, it's important to note that VMTW and outcome-based education have been the subject of debate and criticism. Some concerns raised include the potential for focusing too narrowly on test scores, overlooking other aspects of education, and the challenge of accurately attributing student achievement solely to teachers, given the influence of various factors outside their control. Overall, VMTW within the context of outcome-based education is one approach to assessing and improving the effectiveness of teachers and College based on student learning outcomes. Its implementation and effectiveness can vary depending on the specific context and considerations involved.</p>
<p>6. Distance education/online education:</p>	<p>VMTW is a very good knowledge in the online teaching using the tools like Google Meet, WebEx, Microsoft Teams and Zoom Meeting. We are used all these tools in the Pandemic times i.e., 2020-21 academic year. We are ready to offer the distance education whenever the affiliating university is allow as we are affiliated college, affiliated to JNTUH.</p>

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Yes, VMTW is started the Electoral Literacy Club (ELC) in the year 2021 under the leader ship of Dr. Ch. Baswaraj, Professor CSE.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>Yes</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Voter Registration camp for the eligible students in the campus. Voter awareness camp conducted at various tehsil places in Mechal district. Voter awareness camp conducted for disabled persons & senior citizen at various villages. Voter awareness guest lectures conducted for in-house students.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>VMTW create awareness about democratic rights vote and choose their representatives from local body to Parliament through the NSS Unit in the neighborhood community.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>VMTW insist to its students who are completed eighteen years are to be enrolled as voters, prepared about democratic rights which include casting votes in elections. We conduct mock demonstration to give the to aware the voters regarding working of EVM, VVPAT and voting process</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1348	1080	948	853	625

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 130

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
99	81	71	62	52

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
490.93	202.09	113.28	221.23	84.25

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Vignan's Institute of Management & Technology for Women (VMTW), an abode to study and a chance to grow, passionately believes that education is more than simply the act of teaching and learning and works tirelessly to prepare, mentor, inspire, and guide young women in their never-ending quest for knowledge. Therefore, the primary goal of VMTW College is to develop well-meaning citizens by implementing committed instructional patterns based on meticulously planned and well-designed curricular components. The academic committee develops an action plan for the quick execution of the university curriculum.

- Subject allocation and preference
- Methods of delivering content
- Continuous Evaluation
- The institution's head's plan of action
- Developmental and training activities

The department academic committee, which is chaired by the respective HODs, meets to consider efforts to enhance the teaching and learning process. Plans for the delivery of seminars, guest lectures, and certification courses are created and submitted to IQAC.

The college uses a collaborative method to create its action plan. The department chair asks the faculty members to select their areas of interest based on their areas of specialization in the beginning of the semester. The college faculty members create their course content coverage plan, tutorial questions, and course material after topic allocation and submit them for the department head's approval. Before the semester begins, the department head and specialists review the course materials to ensure they are in accordance with the curriculum. Based on the number of working days available, each department in the college must plan out its activities for the full semester to support the curriculum. Based on departmental goals and input from the faculty, the college's head arranges training programs, student development activities, and other academic activities during the semester. IQAC solicits regular input from the students on the challenges they are encountering as well as concerns like the ambiguity and strategic applicability of the subjects covered in the curriculum and aids the students in resolving these issues.

The department advisory committee meetings are held before commencement every semester. Continuous evaluation of laboratory work is conducted using well-defined rubrics based on viva questions and actual performance. Before being sent to the Exam branch, the internal exam question papers are reviewed by the IQAC to preserve quality.

- VMTW supports the use of ICT (Information and Communication Technology) facilities in the classroom.
- The institution has started completing school-style remedial programs for slow learners.
- Students who were unable to attend the classes due to extracurricular activities are given special classes.
- To bridge the gap between theory and practice, corporate delegations and scientists from regional industry and R & D facilities are also welcomed.
- Members of the college and the industry make up the Department Advisory Committees that VMTW has established for each department.
- The comments and views of the industry experts on the curriculum will be collected.
- Participation of experts from the industry in academic activities.
- Industrial internships that give students practical training.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 63

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 96.83

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1339	1020	927	852	562

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

In view of crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability the University is offering courses such as:

1. Constitution of India (R18)
2. Intellectual Property Rights (R18)
3. Environmental Science (R18)
4. Gender Sensitization Lab (R18)
5. Human values and Professional Ethics (R16)
6. Environmental Science & Technology (R16)
7. Gender Sensitization Lab (R16)

PROFESSIONAL ETHICS AND HUMAN VALUES

The Human Values and Professional Ethics course teaches students how important it is to have both "values" and "skills" in order to maintain pleasure and prosperity, which are the fundamental goals of all people. Additionally, it helps students develop a complete view of life, work, and happiness based on a correct understanding of human reality and all of its existence. Such a broad viewpoint naturally serves as the basis for value-based living.

- To build values among the learners, various seminars on professional ethics were organised to create awareness regarding basic human values.
- Curriculums give emphasis to engineering ethics, moral and social standards, loyalty, and various activities are carried out with the support of the NSS, like Swatch Bharath programmes in nearby villages and blood donation camps.
- As part of the curriculum, teachers are trained, and they also do their best to impart values in the minds of students.
- To develop value on national days like Independence Day, Republic Day, Gandhi Jayanthi, Teacher's Day, and Voter's Day, Yoga Day, Environment Day, etc.

GENDER EQUALITY

The founder of this institution started with a vision of empowering women from socially and economically weaker groups through quality education.

- Women's empowerment cells are one of the lifelong sources that motivate students to develop new ideas.
- This institution conducts programmes on gender sensitization, safety and security, personal cleanliness, social and economic awareness, and entrepreneurship.
- Special counselling programmes are done for students' welfare by professional counsellors.
- For the welfare of female students, a grievance redressal cell are established, and various seminars and workshops are also conducted to create awareness.

ENVIRONMENT AND SUSTAINABILITY

According to R16 regulation, "Environmental Science and Technology" is being offered to the B.Tech II year students and in R18 regulation, "Environmental Science," is being offered to I year students, which is helpful to gain knowledge regarding the current environment and, as a citizen, what your responsibilities are.

The NSS Unit of this institution is playing an active role in creating awareness regarding the environment through:

- Conducting Haritha Haram programmes every year in the college campus and also in nearby villages.
- Usage of battery power vehicles.
- River cleanliness and plastic awareness programs are organized.
- Rainwater harvesting pit in the campus to preserve water and has the facility of an RO plant to drink hygiene water.

"The Constitution of India" subject helps the students develop knowledge regarding their rights and responsibilities as citizens of India. As engineering is a technical-rich branch where lots of innovation

and inventions come from educational institutions, their ideas need to be protected, hence various awareness programmes on patents, copyrights, and trademarks were organised.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 82.64

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 1114

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 86.54

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2021-22	2020-21	2019-20	2018-19	2017-18
489	349	293	265	237

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
489	420	360	300	318

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 57.81

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2021-22	2020-21	2019-20	2018-19	2017-18
139	97	33	69	69

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
181	157	135	112	119

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 13.62

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The college follows various student centric methods for an effective implementation of the teaching learning process.

Experiential Learning:

The institution offers experiential learning for students with the following approaches:

Laboratory Sessions: Laboratory sessions are accompanied for healthier appreciative of theoretical concepts.

Internships: Through MOUs with the National/Multi-National premier institutions and industries, the institute facilitates student internships and industry related projects.

Industrial study visits & Field visits: Industry study visits are organized to convey practical exposures to present technologies and to provide a prospect to absorb practically through interaction.

E-Learning: The institute provides NDL logins to accesses books, course materials, project reports, magazines, printed & e-journals etc.

Participative Learning:

The Institute concentrates on students for energetic involvement by autonomously and interdependently by cooperative learning approaches

Seminars/Workshops: Students are made competent on consistent basis in modern tendencies and groundbreaking technologies by establishing workshops and seminars by inviting experts from industry.

Group Discussions/Mock Interviews: Group discussions are piloted from second year onwards for soft skills developments. Mock interviews are conducted before the campus placements, to expand self-confidence levels in the student.

Technical Presentation: The students are reinvigorated to take part in technical events to show case their performance skill through poster, paper and model presentations.

Think pair-share: Implemented in classrooms to help students to form individual ideas, discussions and share with in other groups.

Problem Solving Learning:

Problem Solving Methodologies are procedures through which a condition or issue may be examined, and proper solutions are employed.

Hands-on training programs: In every semester, the students will undergo the training activities to explore on industry and advanced technologies.

Project Based learning: Students get an opportunity to design and develop projects by information

gathering, investigating, analyzing and demonstrating on real time challenges.

Developing innovative models: Students takes some real-world problems for rising new products/models with newness in perception of meeting challenges in industry and academia.

Small group-based assignments: Group of students are assigned with some case study problems, present skills and industry need based problems to address and develop possible solutions.

The Institute also follows ICT enabled teaching and learning practises in addition to the traditional classroom teaching and learning.

Blended Teaching: Usage of Teaching aid Techniques such as Video Lectures, Power point presentations. Implementation of Active learning strategies such as Collaborative and individual learning activities.

Online Teaching: Faculty made a swift transition from classroom to online teaching by using platforms like Google meet, Google class room, ZOOM, CISCO WEB-EX and You-Tube.

Course Handouts: Course handout consists of Video lectures, Lecture Notes, Assignment questions, Tutorial questions and answers a model question papers sharing using ICT tools like Google Classroom etc.

Massive Open online courses: Students enroll for various courses through NPTEL, COURSERA, and other MOOCs for better understanding of the subject and get certified.

Social Media in Education: Faculty members also use the social media platforms like WhatsApp, Instagram, Facebook, Telegram etc. to attach with students for sharing information.

Google Forms: The faculty of uses Google forms for assessing the students for quiz, assignments etc.,

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 Number of sanctioned posts year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
99	81	71	62	52

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 15.62

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
17	13	9	9	9

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document

2.5 Evaluation Process and Reforms**2.5.1**

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Vignan's Institute of Management and Technology for Women follows the university rules for the internal evaluation of the theory and laboratory exams. Our internal evaluation is very deceptive and translucent because of the care taken in the following features:

Well-defined assessment schedule is planned for every semester which is a part of the academic calendar. Course curriculum and distribution of marks for every test is predefined and revealed to the students well in advance.

Two mid-term exams are conducted as per the guidelines of the university. After evaluation, midterm answer scripts are distributed among the students and the solutions are discussed for their benefit and also to maintain transparency in the evaluation. The marks obtained by the students in internal assessments are displayed on the departments' notice boards.

Students' performances during their practical sessions are updated in their respective lab record. It is evaluated based on their timely submission of lab records, regularity and performance in the laboratory for 15 marks. Two internal lab exams are conducted in each semester and the average of two performances are considered for 10 marks. Spell-wise attendance of students and performance in mid-term tests are displayed on the notice boards. It is communicated to the parents and discussed in the Parent-Teacher Meeting.

Project work is evaluated by conducting three reviews in a semester to know the progress of the work and the evaluation sheets are maintained in respective departments. This enables the students to remain attentive and turning to be confident besides the improvement of the presentation skills and communication skills.

Mechanisms for redressal of grievances at the Institution level:

The Institute has an Examination branch Incharge, appointed by the Principal for smooth execution of exams and to resolve Examination related grievances. The principal acts as the Controller of Examination and looks after the entire system of examinations.

Grievances related to the External Examinations:

The grievances such as malpractice, Non-issue of Hall ticket for examination, Appointing the scribes for the students on medical grounds, non-declaration/withheld of results of students, non-receipt of marks sheet after declaration of the results, Incorrect entries in the hall tickets and mark memos, Rechecking/Revaluation. All the above mentioned grievances of the students are forwarded to the university by the institute within the stipulated time and the same information is communicated to the concerned student.

Grievances related to Internal Examinations:

The examination cell of the institute is solely responsible for the grievances related to the internal

examinations. For the grievances regarding the mid examinations, the students can complain on any aberration in the result, within two days of the declaration of results, to the concerned faculty. Students can contact their faculty mentor, respective HOD or directly the examination cell, for any grievances related to the internal examinations. Faculty mentor can take a note of students' grievances and report the same to the faculty member and the HOD concerned. HOD may contact Exam branch Incharge and Principal for any suggestion and query related to the students' grievances.

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

Outcome Based Education (OBE) is implemented in Institute as it gives importance on what is expected from the student when they finish their course. In line with OBE Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are evolved. OBE helps the student to achieve the outcomes of significance before leaving the Institute.

Every department creates the Program Specific Outcomes (PSOs) in consistent with the Graduate Attributes mandated by NBA and Program Educational Objectives (PEOs) of the programme by considering the inputs from faculty and different stake holders in cognizance of latest technology demand, job prospects and societal requirements. Program outcomes (POs) which are fixed as stated by NBA.

The faculty and the course coordinators prepare the course outcomes (CO) and map them with the program outcomes (PO) and program specific outcomes (PSO) employing numeric weightages. These matrices specify the correlation in terms of high, medium, low and no correlation (3,2,1 and - respectively) indicating the levels. The average mapping of POs and PSOs for the given program is obtained by averaging the levels of mapping for each of the course. They are approved by IQAC after discussions in program assessment committee (PAC) meeting and are displayed on website. The groundwork of COs is done with brain storming sessions such that the purposes of each course are translated at the end in the form of outcomes. Blooms taxonomy is attributed while framing the outcomes.

COs are defined for every course, which describe the proficiencies gained by the student through the course. Every CO is mapped to one or more POs, and is measured at the end of the course through various assessments. These are designed specifically to measure the CO and contribute to the PO that it is mapped to. The faculty in each of their classes discuss on these COs and their interrelationship with PO/PSOs. In the beginning of each unit of every course handled by the faculty, the COs are accentuated

in the class room for the students. By this exercise, the students completely understand the concepts and try to enhance the cognitive skills of the course under consideration.

The COs, POs/PSOs, PEOs are displayed and communicated to the teachers and students through the following methods for ready reference.

- College website
- CEO/Principal/HOD chambers
- Department notice boards
- Faculty cabins
- All laboratories
- All classrooms and corridors.
- Course files

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Our Institute follows the well-defined process for CO and PO attainment.

Attainment Procedure of COs

In the Outcome Based Education (OBE), assessment is done through one or more than one processes, carried out by the institution, that identify, collect, and prepare data to evaluate the achievement of course outcomes (CO's).

CO Assessment Processes:

Assessment tools are categorized into two methods to assess the course outcomes as:

Direct methods and indirect methods:

- Direct method display the student's knowledge and skills from their performance in the continuous internal assessment tests, semester examinations, seminars, and class room and laboratory assignments etc. These methods provide a sampling of what students know and/or can do, which gives strong evidence of student learning.

- Indirect method include student feedback on facilities, learning artifacts and course end survey that reflects the student’s learning.

Course Outcome is assessed in view of the performance of students in internal assessment, university examination of a course and Course end survey. Direct assessment contributes 80% and indirect assessment contributes 20%. From direct assessment internal assessment contributes 25% and university assessment contributes 75% to the aggregate attainment of a CO.

As per the JNTU regulations, the marks allotted to theory are 25% and practical 25% for internal assessment. The remaining 75% is done at university end assessment. The university end examinations are conducted at a center other than this college. Though the percentage of internal assessment is low, it is to be covering a large number of course objectives. The internal examination and the prescribed marks are to be complied with the regulation. Therefore, the scope for comprehensive assessment is less.

PO and PSO Attainment Process:

Assessment tools are categorized into direct and indirect methods to assess the Program outcomes and Program Specific outcomes.

- Direct method display the student knowledge and skills from their performance in the continuous assessment tests, end–semester examinations, presentations, and classroom assignments etc. these methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.
- Indirect methods such as surveys and interviews ask the stakeholders to reflect on students learning. They assess opinions or thoughts about the graduates knowledge or skills and are valued by different stakeholders.

Use of Rubrics for Evaluation and Assessment of POs and PSOs:

The Course/ Program outcomes are difficult to measure such as assessing critical thinking, creativity, analytical skills, and problem solving etc. Hence the department has adopted Criterion Referenced Rubrics to assess the POs and COs wherever appropriate. The Rubric criteria are either developed by department faculty or sometimes even with consultation with students and distributed before an assignment or test. Rubrics are used for both formative and summative assessment of students. Same rubric is used for assessing an outcome so that the faculty is able to assess student progress and maintain the record of the same for each student.

The program outcomes are assessed with the help of course outcomes of the relevant Courses through direct and indirect methods.

File Description	Document
Upload Additional information	View Document

2.6.3**Pass percentage of Students during last five years (excluding backlog students)****Response:** 91.79**2.6.3.1 Number of final year students who passed the university examination year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
242	214	172	166	11

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
257	232	192	184	12

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document

2.7 Student Satisfaction Survey**2.7.1****Online student satisfaction survey regarding teaching learning process****Response:** 3.93

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 17.7

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
3.55	4.50	3.35	4.70	1.60

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

Vignan's Institute for Management and Technology for Women provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided, and Guidance is extended to the students. Students are encouraged to actively participate and get involved in the application of Technology which is essential for the society. Support for Documentation, Publication of Research Papers is provided and for obtaining patents.

Institution has created an *Ecosystem for Innovations including Incubation Center* and other initiatives for creation and Transfer of knowledge. The major objective of the Incubation Center is to facilitate students to convert the Ideas of students into Technological Innovations. Facilities are provided to the students to build prototypes useful for the promotion of Agriculture and Rural Development. Financial Assistance is provided for major and minor Research Projects. Workshops, webinars, Hackathons on emerging trends in Technology are been organized, Project/Prototype Expos are held, and Students are

awarded cash prizes for best Prototype. For better Industrial Exposure Students are encouraged to gain hands-on experience.

The Institute has initiated startups by the students for latest innovations. Ideas and innovations flow steadily with the startup a beginning was done to nurture our students and transform innovations into a vital force for economic growth.

The Institute is *recognized as a host center of Micro, Small and Medium Enterprises - MSME*, projects are encouraged for development of cost and society related. Initiatives for creation and transfer of knowledge are also included.

The Organization is a partner *with ALEAP (Association of Lady Entrepreneurs of India)* which has given immense support to explore the women in various fields. Students were encouraged to attend Pre incubation center to learn about the baby steps to start a startup company. The college has conducted a few programs in association with ALEAP which encouraged students to boost their confidence and face the corporate world.

The Institution has been *in association with Brain O Vision through* which students were able to explore new technologies apart from their curriculum Programs like Hackathons, workshops have been organized to improve and get exposure to the latest market needs.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 56

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	11	12	11	8

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.64

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
31	33	17	1	1

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.22

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in

national/ international conference proceedings year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
15	8	2	3	0

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities**3.4.1****Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.****Response:**

The organization implements various extension activities to make the students sensitize various social issues of the society. Which not only help them to become a good human being but also transfer knowledge and render service to the neighbourhood.

The student volunteers visit neighbouring towns on a regular basis and participate in a variety of activities. During the past years, students were exposed to social concerns and holistic development via extension activities in the neighbourhood community. It has been seven years. Vignan's Institute of Management and Technology for Women organizes and engages in a variety of extension activities with the twin goal of not only educating students about different social concerns, but also contributing to the community and strengthening community engagement. The NSS college unit participate in a variety of projects like.

1. Swach Bharath
2. Blood Donation Camps
3. AIDS Awareness Programs.
4. Dengue Awareness Program
5. Awareness on Environmental Pollution
6. River Protection

- 7. Girl Child infanticide
- 8. Medical Camps
- 9. Eye camps
- 10. Health Hygiene
- 11. Road Safety Awareness

- Bringing university, college, or school students face-to-face with the prevailing community situation in order to make education more pertinent to the current state of affairs and meet the perceived requirements of the community
- Planning and implementing development projects that not only aid in the creation of long-lasting community assets in rural areas and slums, but also lead to an improvement in the condition of weaker sections of the communities, is one way that students can play a part in the implementation of various development programmes.
- Encouraging both students and non-students to collaborate with people in rural regions, fostering the growth of their moral character, sense of responsibility for others, sense of discipline, and positive attitudes towards others.
- Promoting national integration via democratic life and cooperative action, emphasising the dignity of work and self-help, the need to integrate physical labour with intellectual interests, and inspiring young people to passionately engage in the process of national development.
- NSS Unit has encouraged the Volunteers to raising awareness of water conservation and provided many tips on how to do so. Neighbouring village experiences as well as how the institution has implemented waste management and water saving measures.
- The NSS Unit actively engaged in blood Donation drives, medical camps, and other events also raise awareness by holding rallies with slogans on their posters, which are often rhymed to get the attention of the general public. Volunteers have designed Posters to be both attractive and instructive on trash management and conservation to increase awareness.

Members of our NSS team participated in CPR training sessions to understand more about the procedure and also educated the locals on the importance of CPR (Cardio Pulmonary Resuscitation). The training programmes were able to teach the villager how to avoid loss of life and save lives in an emergency by raising knowledge about CPR. CPR may save 50–60 out of every 100 lives today because it is so widely used, particularly in the winter season.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

The college places a strong emphasis on the organization of events that will influence students and make them more aware of societal concerns. During the previous five years, a great number of activities of this kind were carried out. In the surrounding neighborhood, around 200 student members of professional associations and fifty members of non-governmental organizations (NGOs) are actively participating in and volunteering for activities that address on social issues.

The institution received the following Awards and Appreciation Certificates for the extension activities from different non-government recognized bodies for the last five years:

- **Life Saver Award, Award of Excellence and Appreciation Certificates** received from Red Cross Society for blood donation.
- **Outstanding Community Service Award** for the contributions in awareness activities from JD Foundation.
- **Best Plastic free Campus Award** for Plastic free Campus from Jeevanadhi Foundation
- **“Recognition Award”, “Life Saver Awards”** from ‘NTR Trust’ for donating 100 units of blood under Safe Blood for all programs.
- **Outstanding Recognition Award** for Medical Services in Various villages received from Rotary Club
- **Certificate of Appreciation, and Award for Best Student Leadership** from “Nehru Yuva Kendra”, Rangareddy for donating blood.
- **Best Community Service Award Award for best women health care and Certificate of Appreciation** from Srividya Hospitals for various events on blood donation, Health camp, Dental Checkup, Eye checkup
- **Certificate of Appreciation, Certificate of Honour, Commendation certificate** from “Society for Elimination of Rural Poverty” for various programs like Swachh Bharath, Haritha Haram, donating blood
- **Service Excellence Award** from ESR NGO Foundation on Child education Services to Orphanage
- **“Best recognition Award”** from Ramakrishna Matt on National Youth Day for Awareness in youth.

1. Pollution effect on human health: Concerned about the effects of pollution on human health, our students have organized a meeting with resident of the neighboring villages to discuss ways to reduce the negative effects of air, soil and water pollution through natural means.

2. Blood donation Camp: Annual blood donation camp hosted by the college for its students and employees. The camp typically collects over 300 blood units, all of which are donated to various organizations like the Red Cross Society and NTR Trust amongst others.

3. Road Safety: All Departments of VMTW hosted "Road Safety Week" in the years 2021 and 2022, and the event was great successful. In addition, a five-kilometer race was held on Warangal Highway in Hyderabad.

4. Street Cause: Around fifty of our college students are involved with Street Cause, an non-governmental organization (NGO). The money rose through "Run for Cause" and "Eco-Ganesh" (clay idols) was put towards adopting a village close to Ghatkesar for purchasing blankets for the villagers who were less fortunate.

5. Society Outreach Program: With the help of the Society Outreach Program, today's youth can gain an understanding of the importance of pay back to the community and influencing the way others view their community

6. Restoring River system: Students from our College took part in the 2021 "Rally for Rivers" campaign, which was organized by the Jeeva Nadi foundation to raise awareness about the need to restore the world's dwindling river systems.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 107

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
24	14	20	23	26

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 139

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The institution is situated on an eco-friendly lush green campus of 5 acres with good infrastructural facilities spread over two blocks with the built-up area of 13,661 sq. m.

Classrooms, laboratories, and seminar halls with ICT facilities:

- All 22 classrooms are well-ventilated, ICT enabled, with Wi-Fi, LAN facilities and each an average area of 78 sq. m.
- 6 tutorial rooms to conduct assignments, remedial classes and group discussions.
- 38 well-established laboratories and 2 research labs, each an average area of 78 sq. m.
- The classrooms and laboratories' actual areas are higher than the statutory body norms.
- Lift facility is provided
- 2 air-conditioned seminar halls to conduct curricular, co-curricular, and extra-curricular activities.
- Two open air auditoriums with a capacity of 200 and 2000 Students

Amenities for Divyangjan:

- Ramp facility
- Lift facility
- Separate washrooms

Cultural activities:

The institution also encourages cultural activities for all-around development of the students. On an average, around 200 plus competitions were conducted on singing, dance, rangoli, skits, painting, and mime per academic year at an open-air auditorium of 2000 sq. m area.

Power supply and fire safety:

- 500 kVA generator along with UPS of 180 kVA.
- Solar systems with 50 kW capacity
- Institute saves on an average around Rs. 1 lakh per month by utilizing the solar power.
- Fire-extinguishers are placed in all laboratories and prominent places.

Gymnasium, yoga center, sports:

- Separate gym is available for boys and girls.
- Yoga center facility is provided to students and staff.
- Outdoor Games facility:
 - 2 Volleyball courts
 - 1 Basketball court
 - 1 Football court
 - 2 Badminton courts
 - 2 Kabaddi courts
 - 2 Throw ball courts
 - 2 Tennikoit courts
- Indoor Game facility:
 - 10 Carrom boards
 - 10 Chess boards
 - 02 Table tennis boards

Cafeteria:

- A *cafeteria* with a seating capacity of 150 members.

Parking:

- Parking facility for staff and students.

Water facility:

- A *reverse osmosis plant* of 1500 liters per hour capacity.

Rainwater recharging system, biogas production and sewage treatment:

- Rainwater recharging system is practiced in the institution in the volume of 1028 cubic meters.
- Biogas of 1 kg/day is produced from 500 kg/day of solid food waste from the campus.
- Sewage water treatment plant with a capacity of 50,000 liters per day.

Medical facility:

- Institution has an on-campus permanent "*Health Center*" with a doctor, nurse and an ambulance facility round the clock.

Transport:

- 14 college buses are available for staff and students from all major points in Hyderabad.
- Maruthi Ertiga and Tata Qualis are available for the Senior faculty and Examination Branch.

Hostel facility:

- The institute has a hostel to accommodate 600 girls.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 29.98

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
195.42	35.88	25.69	63.27	13.10

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

- Library at VMTW is a vital resource for students and faculty alike. It serves as a central hub for academic research and study, providing access to a vast array of resources, including books, journals, databases, and other materials. The library has a vast collection of books, including

textbooks, reference books, and specialized books for different courses of studies like GRE, GATE, TOEFL, IELTS.

- VMTW Library subscribes to various academic journals, databases, and a digital library to provide access to research articles, reports, and other publications.
- VMTW Library Subscriptions are Springer, DELNET, NDLI, N-Digital Online, J-Gate, IEEE, NPTEL, Swayam etc.
- VMTW Library has Digital Library. It provides access to computers, printers, and other equipment that students can use for their research and assignments. Moreover, the library offers a quiet and conducive environment for students to study, read, and work on their projects.
- Another benefit of our college library is the sense of community it fosters among students. The library provides an ideal setting for students to work collaboratively on projects and assignments. With group study rooms and other resources, students can work together on group projects, share ideas, and learn from one another.

Library Department wise Books:

- **CSE & CSE(AI&ML):** CSE & CSE(AI&ML) branch have 450 titles and 6650 volumes
- **IT:IT** branch have 259 titles and 3452 volumes
- **EEE:EEE** branch have 313 titles and 3489 volumes
- **BS&H:** BS&H branch have 590 titles and 7374 volumes
- **M.TECH:** M.TECH branch have 331 titles and 802 volumes
- **ECE:ECE** branch have 528 titles and 5757 volumes
- **MBA:** MBA branch have 210 titles and 1168 volumes
- **General Books:** General Books branch have 138 titles and 174 volumes
- **Grand total:** Grand total have 2819 titles and 28866 volumes

Library Objectives:

- Enrich Collection
- Optimum utilization of existing Recourses
- Adding to the readership number every year
- Enhancing the reading habit in students and staff
- Promote library as a vibrant learning unit
- Promoting the use of ICT

Functions of Library Committee:

- To work towards modernization and improvement of library and documentation service.
- To formulate policies and procedures for the efficient use of library resources.
- To review library readership department wise.
- To prepare budget and proposals for the development of the library.
- To identify the requirement of Library Books, Periodicals, Journals etc., for procurement.
- To seek feedback and library functions from the readers.

Library Sections:

- Reception & Circulation Center , Library Office and Reprographic section
- Stack area, Book Bank Section, Syllabus and Old Question Papers
- Online Public Access Catalogue, Reference Section and Reading Hall
- E-Learning Center, Book Volume Section, News Paper Section and Periodical Section .

VMTW has ILMS Software's:

- EZLIB & ECAP Software's are fully automated systems for managing Library activities.

Features of EZLIB & ECAP Software's:

- Library Rules for Students &
- Staff, Entry/Upload of Books
- Entry/Upload Journals/Magazines,
- Book Issues>Returns/Renewals, Printing Barcodes, OPAC & Search.
- Journal/Magazine Subscriptions
- Journal/Magazine Renewals.
- Titles/Authors/Publishers Database.
- Backup & Restore of Library Data.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure**4.3.1**

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

VMTW established an Information Technology Policy to maintain and Secures the Information technology Facilities. An Information Technology (IT) policy is outlines guidelines and procedures regarding the use, management, and security of IT resources within an organization.

This Information Technology policy is used to maintain IT Infrastructure, Network and Security, Data Management, Software and Application Management, E-learning and Digital Resources, IT Training and Support, Compliance and Best Practices.

Frequency of Update:

A.Y. 2021-22: 60 new computers of Dell Vostro Intel i3 processor 4th Generation computers were purchased and updated, according to university curriculum.

A.Y. 2021-22: 72 new computers of Foxin Intel i3 processor 6th Generation computers were purchased and replaced with non functional computers.

A.Y. 2020-21: 100 new computers of Acer Veriton M200-H410 Intel i5 processor 10th Generation computers were purchased and the existing functional Computers were updated successfully.

A.Y. 2019-20: 60 new computers of Acer Intel i3 processor were purchased

A.Y. 2019-20: 30 new computers of Nallu core i3 processor computers were purchased. The non functional computers were replaced with these new computers.

The total numbers of computers presently available are 652. All these computers are connected to LAN.

Frequency of Up gradation:

The latest up gradation of the computers in the campus are as follows:

A.Y. 2017-18: On 11th December 2017, the RAM capacity of the putty server system was upgraded from 4GB to 8GB in the server room.

A.Y.2016-17: On 19th May 2017, RAM of 50 computers were replaced from 1 GB RAM to 2 GB RAM at Web technologies Lab in Computer Science and Engineering Department, as per new change in curriculum of JNTUH.

A.Y.2015-16: The computer systems in various departments of the college were upgraded from 1GB RAM to 2GB RAM and 160 GB HDD to 320 GB HDD.

Internet & Wi-Fi

The augmentation of IT infrastructure is also to keep pace with the changing dynamics of higher education and the technical world. The IT infrastructure details are made available in the VMTW website periodically.

- The Campus is provided with 100 Mbps broadband high-speed internet.
- During the A.Y 2017-18 wi-fi facility is provided in the campus for the benefit of the students and the faculty.
- In A.Y 2020-21 the Wi-Fi cover is extended to all the floors of campus and canteen.
- The college has more than 40 Wi-Fi hotspots with extenders provided to cover the wireless range throughout the college.
- A.Y 2020-21 internet bandwidth extended 50 Mbps to 100 Mbps.
- All computers in the campus are connected to the internet as it is essential for the students to work, besides surplus Ethernet ports are provided for laptops or need of internet connectivity.
- A separate team with in-house staff is formed to take care of the IT & related needs of the campus

such as Software Development, Hardware & Networking, Website designing & hosting, Email solutions, SMS solutions, etc.

- Extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students is ensured in the College.
- The college provides advance library web broadband office for the arrangement for the use of ICT resources.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 2.41

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 490

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 26.53

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

2021-22	2020-21	2019-20	2018-19	2017-18
85.83	38.37	41.57	94.23	34.98

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 78.37

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1062	871	756	675	440

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

- 1. Soft skills*
- 2. Language and communication skills*
- 3. Life skills (Yoga, physical fitness, health and hygiene)*
- 4. ICT/computing skills*

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 91.78

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1192	981	898	795	589

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 89.47

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
227	189	158	137	11

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
242	214	168	172	11

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 18.99

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2021-22	2020-21	2019-20	2018-19	2017-18
2	12	0	1	0

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University /

state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 18

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
16	2	00	00	00

File Description	Document
Upload supporting document	View Document
list and links to e-copies of award letters and certificates	View Document
Institutional data in the prescribed format	View Document

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 21.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
30	5	21	31	20

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1

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

Response:

Vignan Women's Alumni Association is formed with a vision to encompass a life-long relation between VMTW and its alumni, keeping a positive theme of strong inspiration, care and women Empowerment the alumni and students are flourishing. Strong placement record is one among the key achievements of VMTW, proving which many key positions are occupied and have a strong eminent history in the different walks of their life. Institute with strong alumni association has built up the camaraderie and network among the management, faculty and alumni. Alumni association and its correlated members are the bridge makers in forming a remarkably alumni active.

Alumni committee formed at VMTW with a team size of seven members play a key role in making all the alumni events successful, the members are at different levels starting from home maker to CEO's of few organizations, which allows in spreading and revealing it globally and making the organization a better place for success.

Alumni association with its effortless assimilation is commendable in achieving a huge success. Besides being diligent at its performance following activities are planned to make the alumni a remarkable one.

Alumni Meet – alumni meets are planned once in every two years and efforts are made to celebrate the meet every Year with increase in year of establishment and alumni count.

Sessions by Alumni – alumni association is initiating regular alumni talks from all departments and share their experiences with the juniors which further helps them in their future endeavours.

Fund Raising – Each alumni contributes Rs.200/- as Alumni activities development fee (once during passing out) for the strengthening of the cell.

Helping in Placement – There are a good number of alumni in college who help in placing the final year students with their reference or sometimes in their own organization.

Helping in financial activities for economically challenged students – alumni from initial batches of 2008 and 2009 has helped few economically deprived students.

Helping in strengthening IIIC – The Alumni of this college also came forward to make the IIIC (Industry Institute Interaction Cell) strong and helped the departments to grow.

Best Alumni Award - The Alumni association in collaboration with the college management every year identifies the best Alumni nominated by the department and appreciates their achievement.

Apart from formal alumni association meetings, the institution also engages the alumni support in many ways such as by arranging online yoga, meditation, fitness and stress management sessions, which has become a biggest challenge for women in this profoundly competitive world for all registered alumni besides this, suggestions were collected on regular basis for betterment of the institution and students and also feedback has been taken on existing curriculum and updates on emerging trends, etc through various networking platforms email, WhatsApp and Instagram. Based on the suggestion's alumni talks were

arranged, day to day activities organized at institute level were regularly updated in social media Webpages as an information to alumni.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

Being a college catering to the needs of women students hailing from socially and economically backward regions the vision and mission of the institute focuses on comprehensive transformation of girl students into competent professionals and responsible citizens of the society.

The college has a Governing Body comprising of eminent personalities as members from industry, academics, university nominees etc., Two faculty members, in the capacity of faculty representatives, are members of the Governing Body and they are actively involved in the decision-making process to sustain and enhance quality of education imparted by the institution.

The Leadership ensures the compliance of academic and administrative processes and procedures along with continual improvement through regular systematic monitoring and audits by well-defined Quality Assurance Framework towards the achievement of Vision and Mission of the institute.

Measures adopted to create internationally accepted professionals:

1. Academic measures:

- Well established and equipped 22 ICT classrooms, 24 labs and one central Library for effective teaching and learning.
- Training in coding skills.
- Campus recruitment training- 180 hours of service based, 72 hours of product based and company specific training.
- Self-study through MOOCs and NPTEL/SWAYAM courses.
- Guest lectures from premier institutes, alumni and industry experts in emerging areas.
- Participation of staff in National/ International workshops, seminars and conferences.

2. Administrative measures:

- Recruitment of well-qualified aspirants with Ph.D. / P.G qualifications from reputed institutions.
- Collaboration with other academic institutions and industries.
- Collecting regular feedback from stakeholders to ensure quality.
- Recognizing and rewarding students & faculty for exemplary performance.
- Dissemination of vision and mission among the stakeholders.

Measures taken to develop professionals with psychological strength, emotional balance and ethical values:

- Celebration of National, Cultural and Religious Festivals.
- Interaction with eminent personalities from all walks of life.
- Effective student mentoring system.
- Conducting extension activities on societal issues through NSS.

Decentralization and participation in the institutional governance:

The institution has decentralized and transparent mechanisms in management, administration, finance, and academics, to aim towards decentralized governance, the institute delegated authority and operational autonomy to all officials.

- A core team constituting of Principal, Deans, Heads of the Department, administrative staff and other faculty coordinators own and lead the major processes in the Institute to see that all the policies formulated by the Governing Body are implemented in time.
- The Institute has 28 committees which are constituted with students and faculty for effective implementation of various academic and non-academic policies.

Effective measures for implementing NEP initiatives:

- Institute adopts Students centric teaching methods and provided students with access to a varitey of resources viz., E-Lib, DELNET, NDLI, N-Digital Online, J-Gate, Springer and other online audio veido visula materials.
- Institute is also implementing a process that allows for timely feedback on assesement, results so that instructor can identify any area for imporvement.

Impact:

- The average graduation rate during the last five years is more than 92%.
- Steady progression in placements from 80.0% to 85.0% during the assessment period.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment**6.2.1**

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is

effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

- The administration is governed by policies, rules and regulations as constituted in the Manual of Human Resource Policies and Administrative Practices approved by the Governing Body.
- The Institute has a well-constituted Governing Body (GB) and delegated authority at various levels to ensure effective functioning.
- The hierarchy of the organization consists of the Governing Body, Principal, Deans, Hod's and faculty members.
- The principal ensures the promotion of the academic and administrative activities pertaining to the qualitative development of the institution.
- Dean-Academics assists the principal and coordinates with all HoDs in the assessment and development of academic activities.
- Dean-Administration looks after effective implementation of administrative policies and decisions.
- Dean-IQAC takes care of quality assurance in the academic and administrative activities.
- Dean-R&D monitors the implementation of research policies, activities, in-house student projects and external consultancy projects.
- The Head of the Department is responsible for the effective functioning of the department in to academic and administrative matters.
- The administration of the institute functions through different committees like Academic Planning and Advisory Committee, Grievance & Redressal committee, Library committee, Staff Appraisal Committee, Admissions Committee, Finance Committee.
- Faculty and staff are recruited as per AICTE/JNTUH norms in tune with the requirement.
- Staff appraisal policy and Incentive policy helps in recognizing staff with awards & rewards for better performance and commitment towards organization.
- The study leave policy allows the faculty to pursue higher studies.
- Promotion policy sustains the interest of the faculty by cultivating leadership and developing a sense of belongingness.
- R&D incentive policy inspires the faculty members towards journal publications, attending conferences, workshops, authoring books/book chapters and securing funded research projects.
- A flexible and smooth employee exit policy is framed and followed by respecting faculty's career aspirations and requirements of the institute.

Deployment of Institutional strategic plan:

The Institution has various strategic plans for the development of the organization. The strategic plan of the Institute for the period of 2022 to 2027 is categorized as follows:

Excellence in teaching and learning:

- ICT enabled and online mode of teaching learning.
- Upgradation of facilities for E-content generation and intensive use of MOODLE platform.
- Augmenting faculty publications.

Accreditation, Ranking, Statutory approvals:

- NBA Accreditation.
- National Assessment and Accreditation Council (NAAC) Accreditation.
- Application for addition of new UG programs in the emerging technologies.
- Obtaining NIRF rank.

Research & Development, Innovation:

- Increasing the number of research publications, consultancy projects and patents.
- Establishment of advanced Research facilities and development of centers of excellence in emerging areas.
- Strengthening of industry-institution collaboration.
- Establishment of incubation Center.

Impact:

- The Institute accredited by NBA for UG courses ECE and CSE.
- Implementation of ICT enabled teaching, vigorous use of Moodle, 24x7 remote access to e-resources to faculty and students.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2

Institution implements e-governance in its operations

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The institution has well defined welfare measures and performance appraisal system for 125 teaching and 62 non-teaching staff for their professional and personal development.

Welfare Measures for Teaching and Non-teaching Staff:

- 50% concession in the tuition fee to the wards of staff studying in the Vignan Group of Institutions.
- Medical, Marriage and Maternity leaves
- 40% subsidy in transport fee.
- Free group health insurance.
- EPF facility.
- ESI facility for non-teaching staff.
- On campus Primary health centre.

Staff Performance Appraisal System: Teaching Staff

There is a conducive environment prevailing in the institution that paves way for the continuous growth and development of faculty members in teaching-learning, administration, and research arena. The staff members are assessed based on their performance through yearly self-appraisal system.

Staff Performance Appraisal Committee constituted by the principal reviews the performance of staff. The faculty with minimum one year of service is eligible for performance appraisal assessment (100marks) as follows:

- Academic performance includes feedback for 20 marks and results for 20 marks.
- Faculty who publishes 2 papers in SCI/Scopus/UGC peer-reviewed journals and get DST projects will be assessed for 35 marks.
- Faculty involved in administrative duties will be assessed for 25 marks.
- The faculty members are categorized based on their marks, i.e., Category-A (greater than or equal to 80%), Category-B (greater than or equal to 50% and less than 80%), and Category-C (less than 50%).

Performance Appraisal System: Non-teaching Staff:

- A committee headed by the Principal along with finance and administrative officer evaluates the performance of all non-teaching staff by collecting confidential reports from respective Heads and provides annual increments.
- Non-teaching staff is assessed based on different parameters such as work attitude, skill, discipline, dedication, etc.
- The efficiency of the staff is scaled as follows: O-Outstanding, A-Very Good, B-Good, C-Average, D-Not satisfactory.

Incentives:

- One additional increment is given for staff of A and B categories.
- The staff members of C and D categories undergo skill up-gradation with financial support.

Impact:

- 4 Faculty members pursuing the Ph.D under QIP Scheme.
- 3 Faculty members are awarded with Ph.D Degree.
- Around 200 research articles were published by the faculty.
- On an average, every year, 80 faculty members produced 100% result in the handled subjects.
- 80% of faculty fell into Categories A and B of the appraisal system.
- Non-teaching staff are motivated due to provision for additional increment.

File Description	Document
Upload Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 6.85

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

2021-22	2020-21	2019-20	2018-19	2017-18
5	5	5	5	5

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 86.41

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
111	102	93	73	66

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
30	30	30	30	30

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The College has an effective mechanism for mobilization of funds, optimum utilization of resources and regular financial audit.

Financial resource mobilization:

- Tuition fee collected from the students.
- Research grants from Government agencies like DST, AICTE.
- Research grants from non-Government agencies to carry out the projects.

Strategies for optimal utilization of resources

The Institute's expenditure heads include staff salaries, R&D expenses, E- Governance, Maintenance, Facilities, and other recurring expenses.

Funds are utilized for

- Staff salaries
- Development of administrative facilities
- Strengthening of academic facilities.
- Organizing Faculty Development Programs, Workshops, Guest Lectures, Hackathons, Techfest's and various annual events.
- Field trips, Industrial visits for students.
- Improving facilities for sports and games.

The proportion of expenditure is as follows:

- 60 % for Salaries
- 2% for R&D
- 3 % for student activities
- 20% for other recurring expenses
- 15% for augmenting infrastructure

Financial audits (internal and external):

The Institute practices and follows all statutory procedures required for internal and external audits.

Internal Audit & its mechanism:

- Internal audit committee of VMTW under the chairmanship of Principal and the Chief Executive Officer, Head-Accounts, Accountant- Internal Certified Auditor and Dean-Administration as members.
- Internal Certified Auditor audits the transactions and all books of accounts periodically and prepares audit reports with the support of remaining members of the committee.
- Reports are submitted to the Chairman of Institute Internal Audit Committee.
- The Chairman of the committee directs the Head of Accounts to make the necessary corrections, if any, as per the observations of the committee report.
- The Head of Accounts rectifies the identified discrepancies if any, and keeps a record of the report to be submitted to the external auditor.

External Audit:

- M/s. Punnaiah & Co. audits the financial statements
- The auditors visit the institute and carry out audits of account statements prepared by the accounts department. Any observations made by the team are duly rectified.
- Internal and external audits are conducted regularly.

Impact:

Owing to efficient mobilization and utilization of resources for women empowerment and research eco system, resource mobilization has been effectively improved.

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System**6.5.1**

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The Internal Quality Assurance Cell (IQAC) was established in the year 2017 to develop a system for consistent improvement in the quality of academic and administrative processes.

Ensuring the quality of Teachers:

1. Recruitment of highly qualified and capable teaching and technical staff.
2. Continuous monitoring of classroom teaching quality by Principal.
3. Encourage faculty to attend FDPs on Outcome Based Education.

Ensuring the quality of Teaching & Learning:

1. Monitor the implementation of academic calendar.
2. Collect feedback from all stakeholders on teaching-learning, curriculum, infrastructure, student support system, governance for analyzing and initiating corrective measures.
3. Ensure the quality of teaching by conducting faculty orientation classes.
4. Monitor the training sessions conducted by the departments on modern tools to students and staff.
5. Support to faculty for upgradation towards latest technologies through NPTEL and STTPs.
6. Ensuring continuous incremental growth in PO attainments; identifying and plugging the gaps.
7. Recommending to HoDs for adequate industrial visits and internships to students.
8. Conduct academic audit on aspects of curricular planning, delivery and assessment process of the institute.

Ensuring the quality of research:

1. Establishing faculty linkage with premier institutes to do quality research work.
2. Financial support to faculty who are at the verge of submission of Ph.D in the form of paid academic leaves.
3. Encouraging faculty to carry out research projects sponsored by government/non-government agencies.
4. Policies to promote publications in Scopus and SCI indexed journals.
5. Encouraging publications in peer reviewed journals through financial support and recognitions to faculty.
6. Recommendations to HoDs to purchase latest software and hardware to strengthen the project and research laboratories.
7. Motivating faculty to file patents.

Ensuring quality of Placements:

1. Special classes on communication skills for rural and semi urban students.

2. Offering advice to T&P Cell on company specific skills sourced from the industry personnel.
3. Continuous follow up on training classes.
4. Encouraging students to do NPTEL courses in emerging technologies.
5. Suggestions to participate weekly coding challenges like hackathons and ideathons.
6. Inviting alumni for motivational talks.

Impact:

1. Steady increase in program attainments.
2. Steady increase in number of placements and packages from A.Y 2017-18 to A.Y 2021-22.
3. Increased number of Faculty Ph.D registrations.
4. Accredited and further Accredited by NBA for ECE and CSE from 2019-22 and 2022-25.
5. ISO Certification.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2. Academic and Administrative Audit (AAA) and follow-up action taken**
- 3. Collaborative quality initiatives with other institution(s)**
- 4. Participation in NIRF and other recognized rankings**
- 5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Vignan's Institute of Management & Technology for Women (VMTW) promotes gender equity through various awareness programs under Women Protection and Empowerment Cell (WP&EC). Highest priority is given to women faculty in administrative positions like Member Secretary in various committees, in charge-Grievance Cell, Vice President-Alumni, Head of Accounts, Dean-Student affair, HOD etc., for imparting motherly warmth to the administration.

Promotion of Gender equity

As a women's engineering college, the institution provides a supportive environment for female students to meet the challenges of the outside world through a gender-sensitive administrative structure and welfare programmes.

Measures taken to promote gender equity in the campus:

Creating awareness on gender equity and women education through guest lectures and seminars by eminent personalities like Dr. Ravi General Physician, Ms. M. Uma Rani, Sub inspector of police, Dr. Venu Madhavi, Assistant Professor, Palamuru University, Mrs. N. Swapna Priya, International boxer and Mrs. J.J. Shobha, Athletics

Gender sensitization subject is important for girl students to empower themselves, to overcome gender bias, encouraging leadership, challenging gender-based violence, breaking stereotypes and career aspirations, ensuring safe and supportive learning environments.

Educating students on Women Protection initiatives:

- Special SHE Team drives in collaboration with TS Police.
- Guest lectures on women's liberation.
- Educating students on the legal regulations for the protection and wellbeing of women.
- An organized mentorship programme to keep track of the students' intellectual, psychological, emotional and personal development.

Providing the facilities for the Female Faculty:

- There are more than 50% of female employees in administrative roles.

- All female faculty members are eligible for a six months maternity leave.
- Self-defence training is provided to female staff to help them become physically, mentally & healthy independent.
- By implementing programmes on gender equity, raising staff awareness of the need for a more welcoming and courteous work environment.
- Implementation of a quick resolutions process by WP & EC to address instances of sexual, psychological and physical harassment.

Safety and Security Facilities:

- CCTV cameras are installed for 24 hours surveillance.
- A sanitary napkin incinerator is provided for a secure and hygienic setting.
- An ambulance and medical room for immediate medical assistance under the direction of a resident senior nurse. In an emergency, assistance is sought from Sri Kalki Hospital, Ghatkesar town. Every week, a doctor and a psychiatrist visit the College.
- All dorm with all the amenities needed.
- The institute is also well equipped with safety requirements like hydrants, sand buckets and sufficient mounting of fire extinguishers at each lab, corridor, and central store and wherever required.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2

The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

Response: C. Any 2 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of

students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Institutional initiatives for an inclusive environment:

Vignan's Institute of Management & Technology for Women (VMTW) respects all cultures, regions, languages, communities, promotes an ambience of harmony and given priority about the values, rights, duties and responsibilities of citizen among one and all through various practices.

Cultural and Regional activities:

VMTW put in order various cultural and regional festivals like Sankranti, Ugadi, Ganesh Chaturdhi, Holi, Bathukamma and nativity festival Bonalu etc., to respect the cultural and communal diversity.

Linguistic activities:

- Celebration of **Yoga Dinotsav**
- For students from rural locations, we routinely give the material in both Telugu and English to help them with language barriers and to better understand the material. In NEP-2020, this best practice is mentioned.

Socio-Economic Activities:

Students are motivated to take active part in many societies' related activities and charity programmes.

- Social awareness programs and rallies
- Donations to orphanages and old-age homes
- Swachh Bharat Programme

Sensitization of students and employees to the constitutional obligations:

1. Display of the **Preamble of the Indian Constitution** on notice boards.
2. Courses such as Constitution of India, Professional Ethics and Human Values, and Essence of Indian Traditional Knowledge are included in the curricula to sensitise students to constitutional obligations.
3. Awareness programmes on "**Say No Plastic**" were organised to create awareness about the harmful effects of plastic.
4. Debate session on "**gender equity**" by Mrs. N. Swapna Priya, International boxer and Mrs. J.J. Shobha, Athletics
5. Seminar on "**Women Empowerment 2K18**" by Dr. Venu Madhavi, Asst. Prof. Palamuru University.
6. Seminar programme on "**Gender Discrimination at Work Places: Promoting**" by Mr.M. Uma Rani, Sub-Inspector of Police
7. Awareness programme on "**Entrepreneurship**" for the independence of women.
8. All staff and students are vaccinated in the interest of the nation at the "**Mega Free COVID Vaccination Drive**" conducted on campus.

9. Awareness programmes and rallies on "**Haritha haram**" about reduction in pollution levels and enhancement of wildlife and biodiversity.

Impact

- There has been no irritating incident of cultural, regional, linguistic, communal, or socio-economic difference on the campus so far.
- Perfect harmony and cordiality are preserved among the staff, students, and parents.
- More than 90% of students have taken part in innumerable NSS activities.

II. Celebration of Commemorative days and events

The institution celebrates national and international commemorative days and events. A few of the commemorative days observed on campus are Republic Day (26th January), International Women’s Day (8th March), World Blood Donors Day (14th June), International Yoga Day (21st June), Independence Day (15th August), Teachers Day (5th September), Engineers Day (15th September), Constitution Day (26th November)

Impact

- No incident of gender perception has been reported on campus so far.
- Enriched percentage of appointments of women faculty from 30% to 50% in the last five years. Students are reinforced with emotional balance and ethical values.
- Students and staff consume shown an enhanced sense of loyalty and social responsibility.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1

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

Response:

Best Practice-I

Title of the Practice: An Integrated Advance Teaching and Learning

An integrated advance teaching and learning allows the student to explore, gather, process, refine and present information about topics they want to learn without the constraints imposed by traditional subject

barriers.

Objectives of the Practice

1. An integrated approach in teaching allows students to engage in purposeful, relevant learning.
2. To see the inter connectedness and inter relationships between the curriculum areas rather than focusing on learning in isolated curriculum areas.
3. Helps students to explore multiple perspectives of concepts.
4. It helps to understand multi-disciplinary subjects and concepts.

The Context

Integrated teaching is an inquiry approach allows the students to construct meaning from prior knowledge on a Subject and new knowledge gained during the learning process. This strategy promotes meaningful, purposeful learning by focusing on interconnected subject areas, developing skills, projects and involving multidisciplinary concepts.

The Practices

1. **Add on Courses with Industry Experts**
2. **Interaction with Industry Experts**
3. **Innovative Project Implementation**
4. **ICT Enabled Teaching and Learning**

Add on Courses with Industry Experts

- Learning an add-on course with an industry expert is a good way to get extra credits.
- In case an existing subject is not your forte then you can compensate for your grades by taking up the add-on assignment.

Interaction with Industry Experts

- Students get to learn how professionals perform at work and they implement certain industry-specific concepts.
- Industrial visits are usually the first point of interaction between a student and a live working industry.
- The students learn about the latest technology trend and make up their minds about their future job or area of interest.

Innovative Project Implementation

- Project work is to make sure that the learner does their own research and comes up with practical solutions to the concept they are trying to learn or the problem that they are trying to solve.
- Innovative Project work enhances and helps improve a person's cognitive abilities and making them sharper and more profound over time.

ICT Enabled Teaching and Learning

- ICT helps pupils to develop new skills and become more creative.
- It is a valuable tool for producing work
- It improves pupils' academic performance

VMTW facilitates students learning and creativity by developing Centre of Excellence and digital-age learning experiences by creating smart classrooms, seminar halls, and audio-visual lecturing through virtual laboratories.

Evidence of Success

- Students stated that integrated advance teaching and learning prepared them to learn at ease and helped them to understand the subject.
- Number of the students responded well during their placement interviews to the questionnaires.
- Increase in knowledge of the student in the area of preference.

Problems Encountered and Resources Required

- Faculty compatibility was the challenge identified.
- Creating a system for sharing advanced teaching skills among other faculty.
- Scheduling classes in the room where the mode of teaching was supported.
- Teaching aids, software tools, audio, video systems are incorporated.

Best Practice-II

Title of the Practice: An Eco-Friendly Green Campus

“Earth provides enough to satisfy every man’s need, but not every man’s greed” - **Mahatma Gandhi**

An Eco-Friendly Green Campus rehearses are essentially centered around creating maintainable locales, expanding water and energy effectiveness, diminishing waste and discharges, utilizing eco-accommodating structure materials, and further developing indoor natural quality more productively than regular plans.

Objectives of the practice

1. Defined construction methods relating to site conditions (No to cut a tree).
2. Water conservation, Minimum energy use, Recycling, Lush green trees and indoor environment, which promote the health and well-being of Students and Personnel.
3. To constantly improve our contribution to environment protection, climate change adaptation, and resource conservation within the campus.

The Context

Greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. Institute has to work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus.

The Practice:

VMTW College uses solar energy and practices rain water harvesting. Recycling is another one of the most effective and sustainable practice to reduce waste and help the environment. Food compost is used in a local garden. Switch to LED bulbs that save more energy and last longer. VMTW practices an automatic on/off system (Infrared/Sensors) so the light is not used when there is no one around. Water harvesting is practiced for the reprocess. Another breakthrough is sewage water recycling to the Garden. Campus is plastic free and recyclable bags are allowed. Waste water from Reverse Osmosis (RO) channelize to the washrooms and to the trees. VMTW boasts an ISO 14001-2015 certification for Environment protection and an ISO 50001-2018 certification for energy conservation. Campus observes restricted entry for the automobiles and upholds Pedestrian-Friendly pathways.

Evidence of success:

- VMTW initiated Sewage to convert into water.
- Solar water heaters produce 6000 Liter water per day which is utilized by the Hostellers.
- Solar energy generates 50KW of power to support the electricity needs.
- VMTW boasts an ISO 14001-2015 certification for Environment protection and an ISO 50001-2018 certification for energy conservation.
- Reverse Osmosis (RO) waste water properly used for trees, gardens & for washrooms.
- Water Harvesting bears direct collection of rainwater from the catchments to be stored for direct use or to be recharged into the groundwater.
- Restricted entry to the automobiles ensured pollution free campus.
- Sign-Boards and Roads are well maintained for the Pedestrian-Friendly pathways.

Problems Encountered and Resources Required

- Insufficient solar power production, need more solar energy.
- Scarce supply of plastic alternatives.
- Man power lacked to up hold lush green campus particularly at the Pandemic time.
- Students and Staff need motivation to maintain the Eco-Friendly Campus.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness**7.3.1**

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:**Empower and enrich the next - gen rural and under privileged young women engineers as competent professionals.**

Vignan's Institute of Management and Technology for Women was founded in a nearby semi-urban area with the goal of empowering women to serve society. In order to fulfil its corporate social responsibility, the institution has set out on a mission to transform the girl students from lower and middle class families in rural and semi-urban areas into capable, confident, and well-groomed professionals through a comprehensive framework. Students from these focus areas make up more than 75% of the total enrollment. Every precaution is therefore taken at each stage of their journey through the Institute. A strong student support system can identify and assist students who have poor communication and learning styles. The curricular framework attempts to address their lack of social and professional awareness. Both the government and educational institutions provide excellent support for low-income students in the form of fee reimbursement and means scholarships. Starting with the wearing of uniform clothing, this transition removes any perception of socio-economic distinctions from the participants' thoughts. Each student gains the necessary confidence to meet her technical and social requirements as a result of their participation in a variety of co-curricular, extracurricular activities such as sports, literary programmes and participating in cultural activities. Other side in academic and placement a strategic plan is created to address recruiting organisations' hiring practices. All students have access to academic, technical, administrative, and financial support. for their involvement in various events and initiatives each year, with a variety of results. One of the most common benefits of living in hostels is that students do not have to waste time and energy in travelling all the way. They can instead use this time to utilize library and computer lab facility to enhance the skillset.

1. Career Planning from the First Year

- Arranging induction /orientation program for the newly joined students.
- Intensive training in CRT on arithmetic, verbal & non-verbal concepts
- Support to participate in CRT program with communication and soft skills.
- Advice about career planning.

2. Training and Development Activities from the Second Year

- Students are trained with “Essentials of Competitive Programming” course required to gain knowledge on basic problem solving concepts.
- Training by outsourced agencies and in-house faculty
- Indicative beginners DSA Focused Program organized in collaboration with Coign Academy.

3. Enhancement of Technical Knowledge & Skill Areas beyond Academics in the Third Year

- Industrial visits to Public Sector and Core industry Workshops are conducted to enhance the student's technical knowledge.
- Enrolment into program specific courses in emerging fields
- Participation in Seminars, Project expos to improve technical skills.
- Awareness about the usage of ICT facilities and Digital Library.
- Timely analysis of assessments on trainings.

4. Events in the fourth year leading to successful placement and higher education

- Awareness Programs on Higher Education and employment.
- Technical Talks.
- Conduction company specific training programmes every year
- Mock Interviews.
- Conduction on campus and off campus drives every year.

An inclusive culture by the students, of the students and for the students is inculcated where every student gains confidence to overcome their deficiencies and become self-sufficient in knowledge & competency, attitude & social responsibility, teamwork & leadership, psychological strength, emotional balance, ethical values & work ethics in holistic manner.

The institution has been steadfastly successful in empowering the girl students from low income, agricultural and rural backdrop with diverse learning concerns and placing them on high performance plane. The students are well placed and spread all over the world in diverse positions in industry and higher education. Their stay at the campus has ensured a happy and contented life for them. The growth rate of the students from these targeted sections has been impressive for the last five admitted batches as evidenced from the figures below.

Last five years' student placements detail from lower and middle class of rural and semi-urban areas

Batch	Number of students from lower and Middle class		Total no. of Students	No. of Students placed	Percentage
	Rural Areas	semi- urban areas			
2018 -22	113	129	242	222	91.73%
2017 -21	96	118	214	191	89.25%
2016 -20	82	86	168	155	92.26%
2015 -19	87	79	166	131	78.77%
2014 -18	4	7	11	11	100%

Hence, it is evident from the numbers available that on account of the efforts of the administration and faculty, the targeted students are able to realize their dreams of successful placements. The institute deems its privilege to felicitate the parents of all the students in recognition of their role and sacrifice in shaping their daughter's destiny. Thus the institution has become a distinctive one-stop destination for technical education for the girl students especially from the lower and middle class families of rural and semi-urban areas of the region.

Impact:

- Successful Placement of students on an average of 90.40 % from rural and low income backgrounds.
- Students flourishing with high packages ranging from 1.8 LPA to 22 LPA. With average package 4.5 LPA.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

The Chairman Dr. Lavu Rathaiah of VMTW is great visionary and Academician and running 40+ plus educational institutions from last 45+ years. His belief that a strong body makes strong mind made all the institutions provided very good canteen and playground facilities. One can ask parents to really elicit feedback about the quality of the food that is being served across all the institutions. His contribution to education did not stop at setting up of world class institutions, but this monumental pioneering effort has been extended to Vignan Publications where Books are written by experts in their respective fields and these books are helping not only Vignan students, but students outside too.

Dr.Rathaiah never compromises in providing the best facilities for his students and believes slightest negligence in providing student amenities will create false notions in the young minds about the Institution and its faculty and carelessness, lack of interest will creep in to their minds and even the best teaching methods under these circumstances won't help them. He has always held strong conviction that an Institution should make every student perform well in their studies and live up to the expectation the parents reposed on the group. Such an institution should provide a conducive atmosphere where there is no pollution in any form for the students to study better and better. Accordingly, all the Vignan institutions have been set up far from the madding crowds in serene and calm environs.

Concluding Remarks :

The aim of the VMTW is to serve the society through educating rural inhabitants of Economically and Socially backward students in the region of Telangana state is realised.

NBA accreditation for all eligible branches is a big symbol of improvement of quality education imparting to the students joining the institution.

VMTW is continuously improve the best practices, ambience, security of the students and teaching learning by the feedback and suggestions of all stakeholders.

VMTW strive to fulfil its vision of teaching transformative education for the empowerment women.

VMTW contributes to the neighbourhood community by educating the rural people through NSS unit in all aspects.

VMTW is having in-campus Hostel with hygienic environment, which can allow the students to utilize learning facilities round the clock

Recognizing the importance of academic success, the hostel offers a conducive environment for studying. There are dedicated study areas, quiet zones, and high-speed internet access to facilitate research and online learning.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
1.4.1	<p><i>Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website</i></p> <p>Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website</p>																																								
2.1.1	<p>Enrolment percentage</p> <p>2.1.1.1. Number of seats filled year wise during last five years (Only first year admissions to be considered)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>489</td> <td>349</td> <td>293</td> <td>265</td> <td>237</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>489</td> <td>349</td> <td>293</td> <td>265</td> <td>237</td> </tr> </tbody> </table> <p>2.1.1.2. Number of sanctioned seats year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>489</td> <td>420</td> <td>360</td> <td>300</td> <td>318</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>489</td> <td>420</td> <td>360</td> <td>300</td> <td>318</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	489	349	293	265	237	2021-22	2020-21	2019-20	2018-19	2017-18	489	349	293	265	237	2021-22	2020-21	2019-20	2018-19	2017-18	489	420	360	300	318	2021-22	2020-21	2019-20	2018-19	2017-18	489	420	360	300	318
2021-22	2020-21	2019-20	2018-19	2017-18																																					
489	349	293	265	237																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
489	349	293	265	237																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
489	420	360	300	318																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
489	420	360	300	318																																					
2.1.2	<p><i>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years</i></p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>181</td> <td>138</td> <td>106</td> <td>102</td> <td>100</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	181	138	106	102	100																														
2021-22	2020-21	2019-20	2018-19	2017-18																																					
181	138	106	102	100																																					

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
140	127	75	69	69

2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
9.28	8.35	7.21	13.16	8.06

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
3.55	4.50	3.35	4.70	1.60

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
56	47	26	8	10

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
15	12	6	1	1

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Answer before DVV Verification : 139

Answer After DVV Verification :139

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

4.3.2.1. Number of computers available for students usage during the latest completed academic year:

Answer before DVV Verification : 560

Answer after DVV Verification: 490

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years**5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

5.2.1.2. Number of outgoing students year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
242	214	168	166	11

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
242	214	168	166	11

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
18	4	14	18	16

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
11	1	6	3	5

6.3.3 **Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
---------	---------	---------	---------	---------

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
49	41	43	42	35

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
49	41	43	42	35

7.1.2 **The Institution has facilities and initiatives for**

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Answer before DVV Verification : A. 4 or All of the above

Answer After DVV Verification: A. 4 or All of the above

7.1.3 **Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

2.Extended Profile Deviations

ID	Extended Questions				
1.2	Number of teaching staff / full time teachers year wise during the last five years				
Answer before DVV Verification:					
2021-22		2020-21		2019-20	
99		81		62	
Answer After DVV Verification:					
2021-22		2020-21		2019-20	
98		81		52	