



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	VISAKHA INSTITUTE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr.V.Sridhar Patnaik
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08912892901
• Mobile no	9959617472
• Registered e-mail	principal.vspt@gmail.com
• Alternate e-mail	vietvsp@gmail.com
• Address	88th Division, Narava, GVMC
• City/Town	Visakhapatnam
• State/UT	Andhara Pradesh
• Pin Code	530027
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	JNTUGV				
• Name of the IQAC Coordinator	Mrs. Korla Chandana				
• Phone No.	08912890903				
• Alternate phone No.	7981431817				
• Mobile	9959617476				
• IQAC e-mail address	iqac@vietvsp.com				
• Alternate Email address	iqac@viet.edu.in				
3. Website address (Web link of the AQAR (Previous Academic Year))	http://viet.edu.in				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:					
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.93	2019	09/09/2019	08/09/2024
6. Date of Establishment of IQAC			14/09/2015		
7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8. Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			No File Uploaded		

9.No. of IQAC meetings held during the year	8	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1.Regular meetings of Internal Quality Assurance Cell (IQAC) 2. All teachers are encouraged to take part actively in research work. They are encouraged to send proposals for major and minor research projects of UGC, DIST etc 3. Robust Mentor Mentee System 4. Best practices such as No Vehicle Day, Sapling Plantation, Rain Water Harvesting and Green, Clean Plastic Free Campus Women empowerment. 5.The IQAC ensures a regular attendance of students and teachers round the year 6. The IQAC regulates the arrangements for holding seminars, workshops etc. by individual departments to upgrade the knowledge base of the student</p>		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
Academic and Admin Audit	To review about college from different stake holder and quality improvement
Training Programmes	All programmes were organized under the leadership of various departments to enhance the Soft Skills, Language and Communication skills, Computing/ICT Skills and Life Skills of the students. Career Counseling /Guidance/Training for Competitive Examinations/Placement were conducted in the college through Career Guidance and Placement Cell and various departments IQAC has put in place a mentoring policy that involves all full-time teachers.
Monitoring of Curricular & Co-curricular Activities	Computer and IT departments are planning to motivate UG PG students to join online learning platforms, use smart phone as a learning tool.
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Body	Nil
14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-21	Nil
15. Multidisciplinary / interdisciplinary	

The Vision of the National Education Policy, to provide high-quality education to develop human resources in our nation as global citizens, is well taken by VIET. A discussion among the faculty members was initiated on the key principles of NEP such as diversity for all curricula and pedagogy with technological innovations in teaching and learning, encouraging logical decision-making and innovation, critical thinking and creativity. In view of the NEP, VIET has initiated new interdisciplinary centres integrating different departments in addition to the existing inter/multidisciplinary research and academics. Academic programmes are redesigned to include Multidisciplinary /Interdisciplinary courses as electives. All programmes are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments. It can be said that our college is proactively working towards implementation and suggestions given in the NEP. The fundamental aim of the National Educational Policy (NEP-2020) for higher education is to stop higher education fragmentation by transforming these institutions into massive interdisciplinary universities, colleges and higher education institutions as Knowledge Hubs. The purpose of VIET, according to NEP standards, is to be accredited by the National Assessment Accreditation Board (NAAC) with a satisfactory grade and to strive for autonomy. In addition, the college's curriculum can contain multidisciplinary programmes. Our Institution, as part of its commitment to holistic and multidisciplinary education, has launched a value-based course on Ethics for B.Tech, M.Tech & MBA. Life skills, as well as yoga sessions for all students, are conducted on campus. Additionally, our students take part in community outreach initiatives such as organizing health clinics, blood donation camp and counselling among other things.

16.Academic bank of credits (ABC):

Academic bank credits are a key component of the NEP-2020 that academic institutions must implement. Integrating Higher Educational Institutions in a globalised space is critical and urgent as we move forward. We have already implemented for our students to take online courses through National schemes like SWAYAM, NPTEL, Coursera etc, and are considering credits earned against elective courses.

17.Skill development:

In comparison to other nations, the outcome of the 12th five-year plan predicted that just 5% of Indian workers in the 19-24 age bracket got formal vocational education. The extension of vocational education in India is critical for hastening skill development. The NEP 2020 foreshadows a possibly explosive increase in skill

development in the country through vocational education. All Higher Educational / Educational Institutions were expected to provide vocational education as part of their curriculum. Over the next few years, vocational education will be gradually integrated into schools and universities. VIET would walk on with an aim to ensure young students' empowerment and cater to the engineering demands, VIET has a specific plan to follow :

1. In R20 regulation skill courses are introduced in all branches of engineering, with a focus on social inclusion and inclusive education
2. In the R19 regulation also skill course is introduced in all branches of engineering
3. To develop workplace related skills and attitudes through internship and on the-job training
4. To focus on the inclusion of good practices and innovations in teaching-learning
5. Facilitating horizontal mobility of vocational students
6. To collaborate with industries for imparting practical skills and hands-on experience and design industry-relevant courses
7. To introduce new learning methods and digital tools, like Massive Open Online Courses (MOOC) and flipped classrooms for training and empowering teachers
8. Developing and implementing a holistic assessment and evaluation system.
9. To measure the achievements of learning outcomes through various tools and methods as defined by an outcome-based education system for 360-degree assessment and evaluation of students.

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

The promotion of Indian arts and culture is beneficial not only to the country but also to individuals. Because engineering is a professional course, using English as a medium of communication and conducting coursework in all engineering programmes is required. The institution, on the other hand, commemorates significant dates and hosts activities in regional languages to instil a sense of regional pride. Republic Day and Independence Day are two examples of celebrations where students are addressed in their native languages. Engineers' Day and Teacher's Day are two of the most important days of the year. Women's Day is a prominent day that is commemorated by cultural events. Christmas, Sankranti Sambaralu - Rangoli competition, and Vinayaka Chavithi - Vinayaka idols preparation are the festivals that promote awareness of Indian National and Regional languages, as well as the culture associated with them. National commemorative days, such as Constitution Day and Yoga Day are also observed.

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

Visakha Institute Of Engineering & Technology has adopted outcome-based education in accordance with the standards of the National

Board of Accreditation. with clearly stated Programme Outcomes, Programme Specific Outcomes and course outcomes. All courses are designed with outcomes centred on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsibility and ethics, as well as entrepreneurial skills so that students contribute proactively to the economic, environmental and social well-being of the nation. The Course Outcomes (COs) are also aligned with the PO-PSO philosophy. All course syllabi have been designed with due consideration to macro economic and social needs at large so as to apply the spirit of NEP. Community participation and service, environmental education, and value-based education are all part of an innovative curriculum that includes credit-based courses and projects. Lab exercises, Virtual Lab exercises and mini-projects with a focus on community engagement are included in the curriculum. Professional Ethics & Human Values is a value-based education course that is introduced at the I B.Tech I Semester level. Environmental Sciences is a course that looks at all areas of environmental sustainability. Thus, VIET has various community outreach initiatives such as Student Club, and National Service Scheme (NSS) which cater extension activities to the community.

20.Distance education/online education:

Due to Covid -19 pandemic, educational institutions in the country has increasingly involved in using digital platforms for engaging classes and conducting conferences and meetings. Keeping aside the negative impact of the lack of face-to-face learning online education has broken the geographical barriers creating interaction between experts and students from distant geographies. Opening up of the economy including that of educational institutions has paved the way for adopting the hybrid mode of education combining online and offline resources. This can be considered the new normal, which is envisaged in New Education Policy as well. Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. Students are encouraged to do MOOC courses and which promotes online education. NEC has successfully imparted all its course content delivery online mode during the Covid-19 pandemic with tools such as Zoom, MS Teams and Google meet, classroom etc.

Extended Profile

1.Programme

1.1

16

Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	No File Uploaded	
2.Student		
2.1 Number of students during the year		1576
File Description	Documents	
Institutional Data in Prescribed Format	No File Uploaded	
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		552
File Description	Documents	
Data Template	No File Uploaded	
2.3 Number of outgoing/ final year students during the year		262
File Description	Documents	
Data Template	No File Uploaded	
3.Academic		
3.1 Number of full time teachers during the year		137
File Description	Documents	
Data Template	View File	
3.2 Number of sanctioned posts during the year		137

File Description	Documents
Data Template	View File

4. Institution	
4.1 Total number of Classrooms and Seminar halls	60
4.2 Total expenditure excluding salary during the year (INR in lakhs)	633.22
4.3 Total number of computers on campus for academic purposes	320

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Before the commencement of each semester, University notifies an academic calendar for all the programs, which contains the date of commencement, last working day of the semester, Internship schedule and dates for semester-end examination.

Visakha Institute Of Engineering & Technology follows the calendar issued by the University strictly and plans all its activities including the conduct of Continuous Internal Evaluation (CIE). The institute prepares an institute-level calendar and subsequently every department prepares its calendar. Institute calendar of events includes details like the total number of working days and holidays, CIE dates, dates for the Institute's flagship programs. The department calendar comprises guest lectures, workshops, industrial visits, other co-curricular and extra-curricular activities. The academic activities, CIE, and all activities are conducted in adherence to the calendar of events except unforeseen circumstances. The academic calendars help faculty members to plan their respective course delivery research work academic and co-curricular activities. Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members. Syllabus coverage for each CIE is decided well in advance and faculty members adhere to it. The

Principal, through the academic committee meetings, frequently reviews the semester's progress and provides suitable suggestions. In case of revision of academic calendar by the university, institute incorporates the necessary changes accordingly.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AQAR/2021-2022/CR-1/1.1.1/1.1.1.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Before the commencement of each semester, University notifies an academic calendar for all the programs, which contains the date of commencement, last working day of the semester, Internship schedule and dates for semester-end examination.

Visakha Institute Of Engineering & Technology follows the calendar issued by the University strictly and plans all its activities including the conduct of Continuous Internal Evaluation (CIE). The institute prepares an institute-level calendar and subsequently every department prepares its calendar. Institute calendar of events includes details like the total number of working days and holidays, CIE dates, dates for the Institute's flagship programs. The department calendar comprises guest lectures, workshops, industrial visits, other co-curricular and extra-curricular activities. The academic activities, CIE, and all activities are conducted in adherence to the calendar of events except unforeseen circumstances. The academic calendars help faculty members to plan their respective course delivery research work academic and co-curricular activities. Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members. Syllabus coverage for each CIE is decided well in advance and faculty members adhere to it. The Principal, through the academic committee meetings, frequently reviews the semester's progress and provides suitable suggestions. In case of revision of academic calendar by the university, institute incorporates the necessary changes accordingly.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-1/1.1.1/1.1.1.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

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

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

24

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

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

18

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

18

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

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

The institution visualizes and supports the comprehensive development of the students including adequately addressing the sensitive issues related to gender, taking into cognizance to need for human values, professional ethics and environmental awareness. The curriculum of JNTUGV incorporates some of these aspects into its curriculum framework and facilitates the realization of these projected objectives of the institution. Such courses include, Environmental studies Professional Ethics and Human values Gender Environment and Sustainability Indian Traditional knowledge Constitution of India Environmental studies: The environment plays an important role in healthy living and human beings.

Professional Ethics and Human values course encompass the personal and corporate standards of behaviour expected by professionals. The course focuses on making proper judgements, applying their skills and taking informed decisions in any situation in their professional

and personal lives.

GENDER: Gender equality is not a woman's issue. It is a Human issue. It affects us all. Equal opportunities for both girls and boys to participate in various academic, co-curricular and extracurricular activities and training programs.

The essence of Indian Traditional Knowledge: Traditional Knowledge, indigenous knowledge and Local knowledge generally refer to knowledge systems embedded in the cultural traditions of regional, indigenous or local communities. VIET follows that university curriculum in a good manner by celebrating famous festivals on campus.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

169

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

1276

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://viet.edu.in/feedback-forms.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://viet.edu.in/feedback-forms.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

677

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

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

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

244

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The departments use monitoring and mentoring to keep track of slow learners' progress. Along with teachers, some advanced learners are encouraged to mentor weak students and help them with explanations and notes. Revision classes and counselling sessions are held and additional teaching is taken up if required. Advanced learners are encouraged to study the contents of the syllabus effectively so as to achieve a high percentage of marks and a good score in GATE, NET. Meritorious students are included as members of Committees. Training and Placement Cell invites Companies and Industries to hold their placement drive at the college and students are encouraged to actively register for the interviews. Training and Placement Cell also provides training in interview skills and communication skills. Proficiency in English classes, Functional Use of English, Personality Development programs is organized to enhance the employability of the students.

Following activities are done by teachers for students:

Slow learners: 1. Individual counselling. 2. Remedial Coaching 3. Extra notes. 4. Group discussion session. 5. Internal examination process. 6. Encouragement in NSS, Sports, and academic activities. 7. Extra library books.

Advance learners: 1. Advance notes 2. Seminar sessions 3. Participative learning sessions

i.e., Self-Discipline Day & Teachers Day 4. Experimental learning sessions i.e., Industrial Tour 5. Projects 6. Assessments 7. Group discussion sessions 8. Internet facility. 9.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AQAR/2021-2022/CR-2/2.1.2/2.1.2-2.pdf
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1576	137

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

Our Institution strives to integrate experiential, participatory, and problem-solving methodologies by devising innovative teaching-learning methodologies that bring a profound learning experience for the divergent students in the DIGITAL ERA. Engaging the learner throughout the lecture session has been the best and acceptable methods of the teaching learning process. The traditional method of teaching inside the classroom engaged the students throughout the lecture session but the learner involvement could not be achieved and the evaluation process is not in an outcome-based method. The traditional way of lecture delivery is teacher centric, not student-centred. Teaching learning method following the same traditional way of lecturing, content delivery and traditional formative assessment procedures followed are not a suitable assessment for observing the learners' learning experience. Mostly there are no assessments followed for observing the learners' learning experience. Our institution followed experiential learning, participatory learning and problem solving methodologies for enhancing learners learning

experience. Various Participatory and Experiential learning activities followed in our institution.

Our Institution further provides high quality of out of class learning opportunities through guest lectures, seminars, and workshops that align the academic stated goals and outcomes. The co-curricular and extra-curricular activities play an integral part of the students' holistic education.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AOAR/2021-2022/CR-2/2.3.1/2.3.1.pdf

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute-

ICT Tools:

1. Projectors- 30 projectors are available in different classrooms/labs

2. Desktop - Arranged at Computer Lab and Faculty cabins all over the campus.

3. Printers- They are installed at Labs, HOD Cabins and all prominent places.

4. Photocopier machines, Scanners - Multifunction printers are available at all prominent places in the

institute. There are four photostat machines available in campus.

5. Seminar Hall - Three seminar halls digitally equipped with mike, projector, cameras and computer system.

6. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)

7. Digital Library resources (DEL NET, JGATE etc)

Use of ICT By Faculty-

A. PowerPoint presentations- Faculties are encouraged to use power-point presentations in

their teaching by using LCD's and projectors.

B. Seminars, Workshops: Guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with

the help of GOOGLE FORMS.

D. Video Conferencing- Students are counseled with the help of Zoom / Google meet

applications.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

2.3.3.1 - Number of mentors

137

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

137

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

18

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

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

2.4.3.1 - Total experience of full-time teachers

<https://www.viet.edu.in/aqar-2021-2022.php>

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	No File Uploaded

2.5 - Evaluation Process and Reforms

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

The college has transparent and robust evaluation process in terms of frequency and variety. In order to ensure transparency in internal assessment, the system of internal assessment is communicated with the students well in time. The Principal holds meetings of the faculties and directs them to ensure effective implementation of the evaluation process. Students who are admitted for the concerned course are assessed continuously through various evaluation processes at college level.

Continuous evaluation is made through Group Discussion, Assignments Submission, MID Exams Field Visit / Field Work and Seminars Presentation. Unit tests are conducted regularly as per the schedule given in academic calendar.. Personal guidance is given to the poor performing the students after their assessment. Students appearing for Second /third year are asked to deliver the seminars of the concerned subject. Topics are given by their teachers to the students to prepare for power point presentation.

For transparent and robust for internal assessment, the following mechanisms are conducted

1. Internal Examination Committee.
2. Question Paper Setting.
3. Conduct of Examination
4. Result display
5. Interaction with students regarding their internal assessment.

The method of internal assessment helps the teachers to evaluate the students more appropriately. Due to internal assessment, the

interest of the student towards learning and attending the classes has been also increased. It has created the interest among the students to take active participation in various co-curricular and extra-curricular activities for their overall personality development. In this way mechanism of internal assessment is transparent and robust.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AQAR/2021-2022/CR-2/2.5.1/2.5.1.pdf

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

The institute has devised an efficient mechanism to deal with examination related grievances which transparent in the pattern and conduction of CIE and rectification of grievances is time bound.

The college follows strictly the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations.

At Institute level, an examination committee, comprising of a senior teacher as convener and other teaching and non-teaching staff as members, is constituted to handle the issues regarding evaluation process.

The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The internal marks are displayed on the notice board.

Students can apply for re-evaluation of their answer scripts within a week from the declaration of results if they are not satisfied with their results. The results of re-evaluation will be announced as per the university norms.

A student can also apply for challenge evaluation within a week after the announcement of the results. The evaluation process is carried out by subject experts. Result will be announced before commencement of University Examination and the fees will be refunded to the students if he/she clears the paper.

So maximum chances are given to the students to clear the subject.

The entire process is maintained transparent and time bound by the university

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://www.viet.edu.in/aqar-2021-2022.php

2.6 - Student Performance and Learning Outcomes

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

The Institute has contributed, in large part, to the recommendations of the UGC on Evaluation Reforms in Higher Educational Institutions in India. The recommendations provide necessary mechanisms to implement outcome-based education in Educational Institutions in India.

Program Education Objectives, Program Outcomes and Course Outcomes for all programs offered by the Institute are clearly stated, displayed in the College website and communicated to teachers and students.

The PEOs have been categorized in to three sections such as Academic Values, Social Sensibilities and Moral and Spiritual Values. Integrating different stakeholders of the systems, the competencies and the performance Indicators for each of the Program Education Objectives are also defined and which in turn lead to design of comprehensive course level competencies and performance indicators. Programme Assessment Plan detailing the different Assessment types are also designed.

Program outcomes are derived from the Program Education Objectives and are finetuned to the specifics of each program.

All students are apprised of the objectives and expected outcomes of their programme on admission during the compulsory Orientation programs. Students are also educated and provided with the detailed syllabus and course outcomes in each course and the assessment strategy for each course.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-2/2.6.1/2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

institution

Visakha Institute of Engineering & Technology values the assessment of teaching and learning activities which is validated through distinct mechanisms. It follows two different strategies to validate Outcome Based Education through direct and indirect methods. In the first stage, Course Outcomes (COs) are mapped with the respective Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). The mean value of mapping indicates how COs are related with POs and PSOs.

The College assesses the direct attainment of each Course Outcome (CO) with Programme Outcomes (PO) and Programme Specific Outcomes (PSOs) using the following formula: $\text{Direct attainment} = \frac{?}{?} * \text{Course Attainment Level} * \text{Mean value of the Concerned PO or PSO}$.

In the indirect method, the Course Outcomes with Programme Outcomes and Programme Specific Outcomes will be validated through feedback mechanism. The feedbacks will be collected at the exit level on 3-point scale. The collected feedbacks will be analysed and categorized with the following threshold values:

50 to 59 percent of respondents giving response as good is marked as 1

60 to 69 percent of respondents giving response as good is marked as 2

70 and above percent of respondents giving response as good is marked as 3

Finally, the overall attainment is calculated by employing the following formula.

Overall attainment = [(Assumed Test Weightage * Direct Attainment Value) + (Assumed Feedback Weightage * Feedback Value)]

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AOAR/2021-2022/CR-2/2.6.2/2.6.2-3.pdf https://www.viet.edu.in/pdfs/IOAC/NAAC/AOAR/2021-2022/CR-2/2.6.2/2.6.2-3.pdf

2.6.3 - Pass percentage of Students during the year

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

244

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://www.viet.edu.in/aqar-2021-2022.php

2.7 - Student Satisfaction Survey

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

[Nil](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides**

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

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

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Students are encouraged to actively involved in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products. For enhancing learning experiences the faculty members adopt many ways, for example, lecture method, interactive method, project and field work method, computer-assisted method, experiment method etc. Teaching and learning activities are made effective by these practices. Many teachers use the conventional black-board presentation methods, especially in mathematics, chemistry, physics, commerce and economics, where they teach mathematics, mathematical equations and statistics as numerical solving. Also, some teachers use power point presentations and computer-based materials. oday, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AQAR/2021-2022/CR-3/3.2.1/3.2.1.pdf

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

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

20

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	No File Uploaded

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	https://viet.edu.in/research-development.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

78

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

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

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

3

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

VIET has carried out various extension activities outside the campus - in and around Visakhapatnam city and has received various rewards and appreciation letters from government and non-government agencies. The students of the institution with the support of faculty members have carried out various activities.

The prime objective of carrying out the extension activities is to enable the student community to be socially responsible. Possessing an attitude of service is considered essential for professional by the institution. The extension activities are carried out in multi-pronged way through various agencies which include NSS, JD Foundation, TOSS NGO, CARE (NGO), SANKAR FOUNDATION, EX ARMY EMPLOYEE SERVICE ASSOCIATION.

The activities carried out by the institution for which recognition are extended are herewith described in brief:

The students of VIET have carried out various social service programs which include medical camps in surrounding rural areas, student personality development programs in municipal and panchayathi schools to primary students, donating blood to the needy in times of emergency. All these activities carried out in association with Rotary Blood Bank and Lion's Blood Bank.

The letters of appreciation/awards/recognitions received the institution from various government and other recognized bodies is given here below:

- JD Foundation
- CARE (NGO)

- Sankar Foundation
- Ex Army Employee Service Association
- Lion's Blood Bank
- Aaradhana Orphanage Home
- WE CAN (NGO)
- Medicover Hospitals
- Rotary Blood Bank
- Mother Teresa Foundation

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AQAR/2021-2022/CR-3/3.4.1/3.4.1.pdf
Upload any additional information	View File

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

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

8

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

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

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

during the year**14**

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

346

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

346

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

29

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

To implement the plans and achieve the desired goal, the departments have created adequate infrastructure in terms of State of art laboratories, computer labs, libraries, faculty rooms, classrooms, and seminar hall with audio-visual facilities. The departments are maintaining a conducive environment for the students to achieve their dreams.

Visakha Institute of Engineering & Technology has a well-developed high-tech campus equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. The infrastructure facilities and learning resources are categorized as under:

(a) Learning Resources include resources and infrastructure required for the library, laboratories, computer center, classroom teaching, events, meetings, and conferences.

(b) Support facilities include hostels, non-resident students' centers, canteens, convocation hall, seminar halls, international seminar hall complex, committee rooms, dairy, agricultural farms, biodiversity park, sports grounds, and creche.

(c) Utilities include safe drinking water, restrooms, and power generators. Classes are scheduled for optimal utilization of the available physical infrastructure.

Sophisticated equipment available in the laboratories is not redundantly duplicated and availability is ensured by judicious time-sharing. Sharing of laboratory facilities is also encouraged between faculties. Apart from the central facilities, such as Computer Center, Central Library, there are many laboratories that cater to students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AOAR/2021-2022/CR-4/4.1.1/4.1.1.pdf

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

Our college's overarching goal in education is to cultivate the "whole student." In fact, participation in extracurricular activities is thought to be a crucial component in each student's personal development. Participation in extracurricular activities is essential to the college experience.

1. Cultural activities: the institution has maintained a vibrant cultural committee led by the principal and composed of the appropriate committee members and the chairperson of the cultural activities. A college education provides a student with a wide range of experiences in addition to social and intellectual chances. Cultural events give rise to social and professional partnerships, which both parties can use to create mutually beneficial relationships with one other. The College's Department of Culture (Cultural Activities) offers a variety of chances for students to participate in cultural events.
2. Sports activities: Participating in sports, whether formal or informal, can enhance one's physical well-being. The outdoor sporting activities that our college students engage in include track events (running races, through jumps, and other events), games like Volleyball, Kho-kho, Kabbaddi, Football, Basketball, Hockey, Ball badminton, Tennis, and indoor activities such as Carrom, Table prizes
Yoga centre: Although

teachers and students routinely attend yoga training camps, a yoga trainer/teacher has been assigned to lead yoga lessons. Ro-Plant -a purified water plant was established in college premises to supply hygienic and purified water to all the staff and students of the college campus

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.viet.edu.in/agar-2021-2022.php

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

12

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.viet.edu.in/agar-2021-2022.php
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	No File Uploaded

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

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

633.22

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

VIET has a Central Library that plays a vital role in providing resources which enhance the knowledge of the faculty and students. Library is housed in an area of 553 Sq.m with a seating capacity of 150 users. The timings are from 9:00 AM to 6:00 PM on all working days with supporting staff of two members.

Name of the ILMS software: CAMU

Nature of Automation: Fully Automate

The institute library functions under the Open Access System having a total collection of 29739 volumes of books with 5735 titles covering all the branches of Engineering, Management, Sciences and Humanities and general books. The library has the subscription of several online Journals, national and international Journals. Periodicals, news papers, project reports of UG and PG students, previous years question papers, books on competitive exams along with the Book Bank consisting of 29739 books are also made available.

The digital library has an impressive collection of around 500 CDs, e-resources like DELNET, open source access like NDL and collection of e-books. In addition to this, the digital library is also equipped with an internet browsing centre with ten systems with unlimited access to various academic resources available on the internet.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://www.viet.edu.in/pdfs/IOAC/NAAC/AOAR/2021-2022/CR-4/4.2.1/4.2.1.pdf

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

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

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

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

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

237

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

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

VIET upgrades its IT infrastructure regularly to meet the latest technical requirements. Computers are available for the students at reasonable ratio in computer Laboratories with ICT @ Wi-Fi facilities. The class rooms and staff rooms are either provided with LAN / WIFI facility to enhance the teaching - learning process. All

buildings, hostels, Seminar halls, Auditorium and common areas in the campus are Wi-Fi enabled. College also has an internet browsing centers for the faculty members and students of all disciplines. VIET plans towards the usage of Information and Communication Technology at all levels of interactions with the stakeholders of the College. The incubation center equips with 20 laptops, and students can use this lab by sharing their ideas and innovations. The college has Center of excellence with well upgraded automation lab for the benefit of stake holders of in and out of the college.

- Desktops (Dual Core, i3 based with 2 to 8 GB RAM and 80 GB to 1TB HDD) - Total Number of Desktops - 632 No's
- Internet Facility - BSNL & K V COMMUNICATIONS - 100 Mbps
- IP Surveillance system was established in 2018 with the configuration:
 - IP camera (2 MP, Dahua, CP-plus)
 - 1 NVR with 4 TB of storage
 - Wi-Fi Routers - 10Nos
 - UPS - 9 (3 KVA to 20 KVA)
 - 30 D-Link, DigiSol Switches
 - 15 LCD Projectors for ICT Teaching & Learning process

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-4/4.3.1/4.3.1.pdf

4.3.2 - Number of Computers

632

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

633.22

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

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

Institutional mechanism for maintenance and up keep of the infrastructure, facilities and equipment's of college

Building Infrastructure and Maintenance Committee

There is building maintenance committee to look after the maintenance, repair and constructional work related to the building construction, repair and maintenance of the main building and physical infrastructure like water, power supply and gas is looked after by this committee.

It creates necessary arrangements for adding new academic infrastructure in the college as per the need of the departments/college. It also carries out the repaired civil works in the college such as whitewashing, constructing/ renovating buildings and other repair works.

- All minor faults are attended and repaired by hired technicians, carpenters etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.viet.edu.in/agar-2021-2022.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

943

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

210

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	https://www.viet.edu.in/aqar-2021-2022.php
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1214	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
1214	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

192

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

3

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

3

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

27

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

Institute promotes representation of students on academic and administrative bodies. An active student council comprises of members to monitor academic, cultural, sports, literary events, Anti-Ragging and gender sensitization programmes, NSS activities. College Student Council members along with committee members take active role in conducting college Annual Social Gathering, Subject Societies and national festivals.

Each committee consists of a chairperson as a principal, a faculty as Coordinator, two to three faculties as members and a Class Representative as a secretary and two to three Class-Representatives as members. The student secretary and the student members of all the committees help the chairperson organize various events and competitions and also actively participate in the activities.

All the sports activities are carried out successfully with the help of the student members of the Committee. They help arrange the inter-class sports events such as cricket, volleyball, chess, carom, tennis, badminton etc. They also encourage and help students take part into inter-college sports competitions.

The student members organize the inter-class co-curricular activities such as essay-writing, elocution, poster-making competitions etc. They inform students of the inter-college debate or elocution competitions and also extend help to those who are interested.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-5/5.3.2/5.3.2-1.pdf
Upload any additional information	No File Uploaded

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

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

399

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

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

The registered Alumni Association plays a pivotal role in the continual development and success of VIET, contributing significantly through both financial support and valuable services. As dedicated and engaged alumni, their commitment to the alma mater extends far beyond graduation. Financially, the Alumni Association has been a key partner in supporting various initiatives, including scholarship programs, infrastructure development, and research projects. Their generous contributions have facilitated the enhancement of educational resources, providing students with a conducive learning environment and access to cutting-edge facilities. Moreover, the Alumni Association actively participates in mentorship programs, career counseling, and networking events, offering invaluable support services to current students. Through

these efforts, they bridge the gap between academia and the professional world, empowering the next generation with practical insights and industry connections. The association's commitment to fostering a strong sense of community among alumni and current students strengthens the institution's overall network. Their involvement in organizing reunions, alumni meet-ups, and collaborative projects creates a vibrant and interconnected community that benefits everyone associated with the institution. In essence, the registered Alumni Association stands as a beacon of pride for our institution, embodying the spirit of giving back and perpetuating a legacy of excellence. Their contributions, whether financial or in terms of services, underscore the enduring bond between the alumni and the alma mater, fostering a culture of support, growth, and mutual success.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-5/5.4.1/5.4.1.pdf
Upload any additional information	No File Uploaded

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

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision:

The creation and transfer of knowledge should reflect a profound and complete respect for the dignity of all persons and for the greater common good of humanity. To that end, our vision is to give our society and nation a bunch of skilful engineers and to occupy a place amongst the most eminent institutions of the nation.

Mission:

- To impart quality education by implementing state of the art teaching, learning methods to enrich the academic competency. Credibility and integrity of the students.
- To enhance the institute standing as the institute of choice for students across the country; and to augment the presence of international students to at least ten percent of student body.
- To cultivate a field in which new ideas, research and scholarship flourish leading to emergence of creators, innovators, leaders and entrepreneurs.
- To attract, nurture and retain the best faculty and technical manpower.
- To promote co-and extra-curricular activities for over-all personality development of the students.
- To inculcate sensitivity towards society, respect for environment and promote high standards of ethics.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/aqar-2021-2022.php
Upload any additional information	No File Uploaded

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

The institution follows the academic calendar provided by the higher education department which describes about admission, internal assessment, extracurricular activities and its analysis etc. -Under the direct supervision of principal all the departments of the institute function. -Day to day academic activities of the departments are taken care by the HODS. For the proper functioning of the institute and promotion of participative management, the institute runs on a decentralized management operative process, wherein different committees have been framed by the principal in the governance of the institute. The Plans and the Policies for fulfillment of the mission of the institute are executed by the active faculty members. For this purpose different committees have been constituted in the institute, who has been entrusted with the responsibility of implementing the programs and policies. . Senior members of different faculties head the respective committees. Principal along with the faculty and the staff are being involved in the process of decision making and its implementation. The entire range of activities related with the said national seminar was successfully performed with an effective decentralization and

participative management

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/aqar-2021-2022.php
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The goal of the institution is to produce skilled and competent professionals through quality technical education and to prepare them for immediate employment. Industries engross these knowledgeable professionals and enhance their production capabilities by contributing to the latest technologies. To produce proficient graduates ready for the industry, the college always strives to improve industry-institute relations.

The given under are MoUs between the college and the organizations:

- A Memorandum of Understanding (MoU) with CSR Box has been signed through which student stake up internships. Every year B.Tech students visit CSR Box in India which serves as a knowledge bank and providing recruiting to the Students.
- The college also has entered into a MoU with Mech Turbo Visakhapatnam-based Software Company with the aim of providing internships to the students
- The college has entered into a MoU with Future Smart Innovations Pvt.Ltd for conducting extension programs, and it is provided Skill Development, Certified Courses, Outcome Based Trainings, Placement and Related Services.
- There is another important MoU with ROBO COUPLER TECHNO SOLUTIONS Pvt .Ltd, a Visakhapatnam-based company. The prime objective of the MoU is to provide high Technology training solutions for individuals and corporate in a cost effective manner to the all students.
- Another MoU with Global E-Technologies is a provide Entrepreneurship Development certificate course.
- The college has entered into a MoU with The Stage Production Visakhapatnam based training and placement Organization. It is provided Entrepreneurial Skill development, outcome Based Trainings, Placements and services for students.
- The MoU with Syntra Solutions has been signed through which students take up training and internship. It is also provided Entrepreneurial Skill development, outcome Based Trainings, Placements and services.

- The college also has entered into a MoU with Smart Selection Solutions it is provide Entrepreneurial Skill development, outcome Based Trainings, Placements and services to the Students.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://www.viet.edu.in/aqar-2021-2022.php
Upload any additional information	No File Uploaded

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

The Governing Body

The chairman heads the governing body and the executive committee of the institution. The Correspondent, Secretary and other members of the College Management Board are part of the decision making bodies and committees responsible for the effective management of the College operations. The management gives sufficient authorization to the Principal to function in order to achieve the vision and mission of the institution.

Administrative Set Up:

The Principal effectively takes forward the day-to-day management of the College in its academic and administrative matters. He has his team of Departmental Heads, the IQAC Coordinator, the Teachers, and the Head Clerk to assist him in the discharge of this work. The administrative setup is followed as governing bodies, academic council (principal, vice principal, hods, staffs, students) , IQAC coordinator, students council.

Service Rules, Procedures, Recruitment and Promotion Policies: The Constitution of the college has been amended from time to time based on the requirements. The recruitment rules for the teaching staff are along with the eligibility criteria designed by the UGC . The promotional opportunities for teachers and non teaching staff are according to the rules and regulations of the institution.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-6/6.2.2/6.2.2-1.pdf
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

The institution effectively implements the welfare schemes for the teaching and Nonteaching faculties. The College makes arrangements for availing all the government schemes such as Gratuity, Pension, Commutation of Pension, Earned Leave encashment, Maternity Leave, Medical Facility, Health Fund Scheme, Permission to attend FDP such as Orientation programmes and Refresher courses, short term courses, etc. for the career development and progression of the teaching as well as non-teaching

Financial Support To the staff to attend workshops and conferences both at the national and international level
 o For children's education of the non-teaching staff
 o For celebrating festivals, festival advance to the non-teaching and domestic staff
 o The self-financed staff of the institution also receive Provident Fund, permission to attend Faculty Development Programme, Maternity and

paternity leave with salary. o Interest free Housing Loan for domestic employees Material Benefits Office rooms for Staff Associations (Teaching and Non-teaching) on the campus o Staff quarters for the domestic staff inside the college premises Two sets of uniforms to the domestic staff every year o Wi-Fi facility to the staff inside the college campus o To cater to the financial needs, staff mutual fund and thrift society are managed by the staff with the approval of the management. Cater to Emotional Needs o Staff Grievance Redressal Cell to address the issues and grievances of the staff o Availability of full-time professional counsellors for both staff and students o Indoor games facility for the staff to relax and to refresh physically and mentally

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-6/6.3.1/6.3.1.pdf
Upload any additional information	No File Uploaded

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

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

61

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

12

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

102

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

VIET strictly follows the UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in College and Measures for the Maintenance of Standards in Higher Education, together with all amendments made therein from time to time, for its teaching and non-teaching staff.

The performance of each employee is assessed annually after completion of one year of service. The objective is not only to objectively evaluate the performance as per established norms, but also to identify potential aspects for improvement that can eventually lead to further progress and growth of the employee.

1. The performance of each faculty member is assessed according to the Annual Self-Assessment for the Performance Based Appraisal System (PBAS).
2. Promotions are based on the PBAS proforma for UGC Career Advancement Scheme (CAS) that is based on the API score.
3. The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.
4. The PBAS proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the IQAC and the Principal.
5. Faculty members whose promotions are due are recommended based on their API score and are required to appear before the screening-cum-selection committee.

The Annual Confidential Report and the Performance Appraisal System has significantly helped in the evaluation of the performance of employees, in motivating them, analyzing their strengths and weaknesses and ensuring better performance.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/aqar-2021-2022.php
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

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

Income and expenditure of the Institute are audited every month by the College Accountant for internal audit. The institute follows the procedure laid down by AICTE. The committee monitors the purchase and expenses incurred from funds generated through fees. Institutional Administration is responsible for the preparation of

financial statements that give a true and fair view of the financial position. This responsibility includes the design, implementation, and maintenance of internal control relevant to the preparation and presentation of the financial statements. The budget takes into consideration the following.

- Maintenance and Construction of buildings and campus development.
- The salary for teaching, non-teaching, and contingency staff.
- Research and Development activities.
- Sponsoring faculty members for seminars, workshops, and conferences.
- Purchase of books and subscriptions of journals in the library.
- Payment of internet, electricity and telephone bills.
- Purchase of equipment and software.

Tally CAMU software is used for accounts-related functions to achieve a paperless office and for reliability. The in-house Finance Committee ensures that the payments are paid and duly authorized and presents the audit report. A statutory audit is conducted at the close financial year. The audit report is sent to the Management for review.

The expenditure statements are audited by the Accounts department before it is submitted to the Principal.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/aqar-2021-2022.php
Upload any additional information	No File Uploaded

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

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

<https://www.viet.edu.in/aqar-2021-2022.php>

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

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

The institute maintains and follows a well-planned process for the mobilization of funds and resources. The process involves various committees of the institute as well as the Department Heads and Accounts office. The institute has designed some specific rules for fund usage and resource utilization.

- Mobilization of Funds, the student Tuition fee is the major source of income for the institute.
- Sponsorships are sought from individuals and corporations for cultural events and fests.

Utilization of Funds

- Accounts has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses.
- The quotations are scrutinized by the Accountant and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.
- The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.
- Before the financial year begins, the Head of the institution, and Accounts section prepares the college budget.
- The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & and other maintenance costs.
- It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/aqar-2021-2022.php
Upload any additional information	No File Uploaded

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

Quality enhancement is a continuous process of prime importance for our Institute. To ensure its sustenance and to promulgate its importance, we have a functional set-up by the name IQAC. A concrete central IQAC cell was formed in the year 2015 in accordance with NAAC guidelines to embody the pursuit of excellence. Internal Quality Assurance Cell (IQAC) has contributed significantly to institutionalizing quality assurance strategies and processes.

Objectives: Ensuring continuous improvement in all the operations of the institute. Arrangement of feedback responses from students, parents and other stakeholders on quality-related institutional processes. Ensuring quality and integrity to stakeholders. The IQAC holds regular meetings every year to discuss and monitor the ongoing regular activities as well as the special proposals related to the development of the department or Institute by finalizing quality initiatives, organising seminars, workshops and academic audits etc. Pre-placement training is conducted by the placement cell of VIET.

Functions: Collecting feedback from stakeholders of the institute on quality initiatives. Creating awareness of various quality parameters. Documenting the various programs/activities that lead to quality improvement. Organizing workshops and seminars on quality development for the faculty and students. Development of quality culture in the Institution. Working continuously for the adoption of pedagogical advancement strategies to match the changing needs of students & industry.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-6/6.5.1/6.5.1.pdf
Upload any additional information	View File

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

The periodic review of teaching, learning, and operational methodologies is an important part of quality assurance. This involves examining the curriculum, teaching methods, assessment strategies, and other aspects of the learning process to identify areas for improvement. By recording incremental improvements in various activities, the institution can track its progress over time and ensure that it is continuously improving the quality of education that it provides. This can help to enhance the learning outcomes for students and ensure that they are well-prepared for their future careers. Overall, a well-functioning IQAC can play a crucial role in ensuring that an institution maintains high standards of education and delivers value to its students.

Strategies and Processes: IQAC suggested introducing certification courses in the year 2019-20. This was implemented in the year 2019-20. Students and faculty were encouraged to enrol for the online courses offered by various platforms such as NPTEL, COURSERA, CISCO, etc. to gain domain and interdisciplinary knowledge. These courses will improve self-learning skills and creativity. Faculties are also participating in online certification courses both by mentoring the students and also undergoing certification. Increasing the number of volumes every year in the central library and acquiring subscriptions for DELNET & J-GATE to make more books available. A new set of classrooms and laboratories were constructed to accommodate the growing needs of the institute.

File Description	Documents
Paste link for additional information	https://www.viet.edu.in/pdfs/IQAC/NAAC/AQAR/2021-2022/CR-6/6.5.2/6.5.2-1.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO

A. All of the above

Certification, NBA)	
File Description	Documents
Paste web link of Annual reports of Institution	https://www.viet.edu.in/aqar-2021-2022.php
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded
INSTITUTIONAL VALUES AND BEST PRACTICES	
7.1 - Institutional Values and Social Responsibilities	
7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year	
<p>Our college has a strong ethical, work culture that is based on inclusivity. It observes the highest ethical standards in all its activities. Equal opportunities are provided to all individuals in respect of gender, race, caste, colour, creed, language, religion, national, birth or other status. Safety, security and well-being along with gender equity and a friendly working atmosphere are the prime concern of the college.</p> <p>Specific facilities provided for Women Safety and Security Measures</p> <ol style="list-style-type: none"> 1. The institute installed CCTV Cameras for surveillances and to monitor inside the campus. 2. The college campus gate entry is regulated through verification of identity cards by the gate keeper during the college hours. 3. Guidelines are given to all the girl students residing in hostels to follow the hostel rules. The entry and exit time of the hostellers are recorded in the register log book. 4. Anti-Ragging Committee members ensures that the campus is free of ragging and monitors it at scheduled timings at different areas inside the campus and in the hostel. 	

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	No File Uploaded
Any other relevant information	View File

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

VIET principal is to keep the campus in pristine condition in order to provide a conducive environment for academic and non-academic interests. The core concern is to reduce, reuse and recycle wastes generated in the campus. The college has different dustbins for different types of waste, such as biodegradable, recyclable and non-degradable. Organic waste is disposed off in compost pits and processed and reused as manure for the plants and trees inside the campus. Plastic usage is prohibited on campus so as to create a plastic-free zone. For liquid waste management, the water transport system is inspected for leaks in pipes, taps, valves and other components on a regular basis and promptly repaired. To ensure a clean and safe potable water supply, a reverse osmosis plant is in operation in the main block and in the library. The RO plant's rejected water is then used for plants. The Physical Education department has a first aid medical kit, where students are more susceptible to minor injuries. The kit's waste such as cotton gauze and plaster are disposed along with non-degradable wastes. All E-Wastes such as computer, its accessories and all electronic wastes

are collected and discarded through the authorized vendor to ensure no hazard to the environment. In the laboratories, hazardous chemicals and dyes are not used. Diluted acids are used in chemistry laboratories and are discharged directly.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and set communal harmony. Institute has conducted lectures in the villages for increasing their environmental and ethical awareness. Institute has also tested the quality of drinking water available in these villages. The extension activities are targeted towards enabling a holistic environment for student development. University has always been at the forefront of sensitizing students to the cultural, regional, linguistic, communal, and socio-economic diversities of the state and the nation. The University celebrates cultural and regional festivals like Youth Festival, Constitution Day, etc. to teach tolerance and harmony to the students. The Gender Equality Policy focuses on equal access, opportunities, and rights for women and men. Policy for the Differently abled ensures that every single member of the department is aware of the care to be shown to the differently-abled people. By providing a barrier-free environment, needed facilities, and human and technological assistance, the department takes continuous efforts to make the differently-abled feel included in every part of the activity of the college. The department has revised the curriculum with the inclusion of topics related to human rights, peace, tolerance, love, compassion, harmony, promotion of social values, awareness of environmental protection, and ethics.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

we believe in giving holistic all round education to the students. And sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations. The University has introduced a compulsory paper on the Constitution of India at Degree level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation .As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc.

In addition to this many regular programs are conducted by VIET Iso seminars and workshops are conducted on days of national importance on various rights, duties and responsibilities of citizen. Seminars on topics like Right to Information, Sexual Harassment, and Gender Equity are conducted periodically. The students of VIET of all branches study constitution of India as a compulsory paper which sensitizes the students about constitutional obligations. Every year Republic Day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

Institution celebrates national and international commemorative days, events and festivals. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. Republic day - The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. Independence Day -It is celebrated every year on 15th of August, parades and flag

hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices. Gandhi Jayanti - It is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi wherein pledge is taken by students and staff. International Yoga day - It is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware of it. Voters Day - It is celebrated on 25th January wherein the students are given awareness on their duties and rights as a loyal citizens.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Practice 1: MENTORING SYSTEM FOR STUDENTS : Students deal with a range of stress-related issues, including mental, physical, and academic. New to professional college life are the students. It is very stressful, particularly for first-time hostel students who are separated from their families. Pupils from undereducated backgrounds experience complexity and hesitancy in the classroom, which hinders their performance because of inhibitions. Statistics show that the number of dropouts and suicides is rising. It might be challenging at times to provide each student in the class with individual attention because of the student-teacher ratio in classes. A "Mentor" who can truly establish a bond with pupils is one way to address this. For students to make overall progress, they need mentoring in order to attain emotional stability and to foster clarity in their thinking and decision-making.

Practice 1: Teaching Learning Process: Different teachers educate in different ways in the classroom. Their teaching tempos vary. It has been noted that when uniformity is required, covering the curriculum remains difficult. It is challenging for the teachers to keep up with the technologically literate student learners. Standardization and uniformity were required in order for everyone to be able to

achieve the goal of optimum teaching techniques. It is now imperative that educators use the newest pedagogical approaches and integrate ICT into their lesson plans. There is a gap that needs to be filled between the teacher and the student in terms of comfort level with the various teaching-learning technologies.

File Description	Documents
Best practices in the Institutional website	https://www.viet.edu.in/aqar-2021-2022.php
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Self Study Report of VISAKHA INSTITUTE OF ENGINEERING AND TECHNOLOGY VISAKHA INSTITUTE OF ENGINEERING AND TECHNOLOGY (VIET) was founded by "VARAHA LAKSHMI NARASHIMA SWAMY EDUCATIONAL TRUST" at 88th Division, Narava, GVMC, Visakhapatnam, and Andhra Pradesh in 2008. The college affiliated to JNTUK earlier, presently JNTUGV, Vizianagaram, Certified by ISO in the year 2022, accredited by NAAC "B++" in the year 2019 and recognised as a Host Institute for Start-ups by MSME, New Delhi in the year 2022. VIET has 81 MOUs with Reputed Training Institutes, Technology Centres, and industries that support conducting several training, Entrepreneurial Development Activities, Guest Lectures, Certification Programmes, and designing industry-relevant courses. With the motto of providing quality holistic Technical Education & Research focusing on the integrated personality of students. The institution believes in exploring, identifying and bringing out the inner excellence of students along with their all-around development and grooming and inculcating in every faculty and student, a sense of social responsibility. In view of the NEP, VIET has initiated new interdisciplinary courses integrating different departments in addition to the existing inter/multidisciplinary research and academics. New learning methods, and digital tools, like Massive Open Online Courses (MOOC) and ICT classrooms have been introduced for training and empowering teachers.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

NEP has reformed education in a way that has never been done before. IQAC aspires that the college is better prepared for NEP. In today's environment, varied skills such as those related to IT, entrepreneurship, coping, and research have become increasingly vital. IQAC intends to conduct activities that will help students and staff develop these skills. To sensitize students towards inclusive social concerns, human rights, gender, and environmental issues, various seminars/ lectures will be organized throughout the session. Developing more formal linkages with other Industries, companies and colleges through MoUs will improve knowledge transfer, and the IQAC will focus its efforts in this direction. To enhance teachers' knowledge, the teaching faculty will be encouraged to attend Faculty Induction Programmes and Refresher Courses.