



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

VALLURUPALLI NAGESWARA RAO
VIGNANA JYOTHI INSTITUTE OF
ENGINEERING AND TECHNOLOGY

- Name of the Head of the institution **Dr. C.D. Naidu**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone No. of the Principal **9391008138**
- Alternate phone No. **04023041516**
- Mobile No. (Principal) **9494365352**
- Registered e-mail ID (Principal) **principal@vnrvjiet.ac.in**
- Address **Vignana Jyothi Nagar, Pragathi Nagar, Bachupally (M), Nizampet (S.O), Hyderabad**

- City/Town **Hyderabad**
- State/UT **Telangana**
- Pin Code **500090**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **17/08/2012**
- Type of Institution **Co-education**

- Location **Urban**
- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Y. Bhanu Sree**
- Phone No. **04023042758**
- Mobile No: **9849448635**
- IQAC e-mail ID **iqac@vnrvjiet.in**

3.Website address (Web link of the AQAR (Previous Academic Year)) [https://vnrvjiet.ac.in/assets/pdfs/aqar\(2020-2021\).pdf](https://vnrvjiet.ac.in/assets/pdfs/aqar(2020-2021).pdf)

4.Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://vnrvjiet.ac.in/academic-calendar/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.21	2013	05/01/2013	04/01/2018
Cycle 2	A++	3.73	2018	16/08/2018	15/08/2023

6.Date of Establishment of IQAC **18/02/2013**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
VNRVJIET	CPE	UGC	01/07/2016	0

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9.No. of IQAC meetings held during the year **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

1. 4 PG Programmes - STRE, PE, AMS, SWE & 1 UG Programme - AME were NBA Accredited for 3 years 2. NIRF - Engineering Category 113 Rank 3. NEP 2020: Offered minor degree courses. 4. Implemented Paramarsh and Margadarsh schemes. 5. Art of Living club with a motive of Sharing and Giving with empathy was started and activities were conducted

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Introduce New Programs	Artificial Intelligence & Data Science Program is introduced
Emphasize on research and IPR	Research publications and IPR published, Granted are increased in number
Revamping Website	New Website is developed
Strengthen Administrative process through Auditing	Exclusive External Administrative audit is conducted
Offer Minor Degree courses	Minor degree in Artificial Intelligence and Machine Learning, Internet of Things, Cyber Security, Data Science are offered
Enhance Industry and Academia Interaction	Interactions are improved - Industry sponsored lab: Blue star laboratory is established in the campus

13. Was the AQAR placed before the statutory body? Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing council	17/02/2023

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

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Empty space for plan of action and outcome		

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Name of the statutory body	Date of meeting(s)
Governing council	17/02/2023

14. Was the institutional data submitted to AISHE ?	Yes
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<ul style="list-style-type: none"> Year
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Year	Date of Submission
2021-22	13/01/2023

15. Multidisciplinary / interdisciplinary
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1. Delineate the vision/plan of institution to transform itself into a holistic multidisciplinary institution.

Vision of the Institute is to be a World Class University providing value-based education, conducting interdisciplinary research in cutting edge technologies leading to sustainable socio-economic development of the nation. Institute is at the forefront to provide an environment for multidisciplinary and holistic development. Institute offers variety of interdisciplinary and multidisciplinary courses to its students of various programmes.

1. Delineate the Institutional approach towards the integration of humanities and science with STEM and provide the detail of programs with combinations.

Institute is encouraging integration of humanities and science with STEM. This is evident from the offering of Bachelor of Business Administration in Data Analytics as second degree to B.Tech. students. Institute plans to offer more such courses in future.

1. Does the institution offer flexible and innovative curricula that includes credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary education. Explain

Institute offers flexible curriculum to its students that contain varied courses providing holistic and multi-disciplinary education. All the courses offered are credit-based except for the mandatory courses. Students are provided the option of choosing elective courses (both professional and open) as per their preferences through an online system. Institute also offers minor degree courses in emerging technologies like artificial intelligence and machine learning, data science, internet of things and cyber security. Minor degree on entrepreneurship is also offered to the students to encourage entrepreneurial capabilities among them. Institute has also offered the provision to pursue second degree by students i.e., BBA in Data Analytics along with B.Tech. degree. Value-based (credit) courses on Professional Ethics and Human Values and Personality Development and Public Speaking are offered. Mandatory courses on Environmental Science, Gender Sensitization, Ancient Wisdom,

Happiness and Wellness are also offered. Students are encouraged to participate in events and project competitions conducted by various clubs and societies related to National Service Scheme (NSS) for their overall development.

1. What is the institutional plan for offering a multidisciplinary flexible curriculum that enables multiple entry and exits at the end of 1st, 2nd and 3rd years of undergraduate education while maintaining the rigor of learning? Explain with examples.

In line with NEP directives, VNRVJIET has introduced multiple entry and exit provision to the students under R22 academic regulations from the academic year 2022-2023.

Some of the examples are given below:

Multiple Entry Option: A student is permitted to rejoin B.Tech. degree programme by taking one year break while pursuing four-year B.Tech. regular degree programme i.e., either after completion of B.Tech. IV semester (B.Tech. II year II semester) or B.Tech. VI semester (B.Tech. III year II semester).

Exit Option: A student is allowed to exit four-year B.Tech. regular degree program at the end of II year. Student shall be awarded two-year B.Tech. Diploma Certificate in the concerned branch of engineering allotted at the time of admission, upon fulfilling the following conditions:

- completes all the minimum academic requirements upto B.Tech. IV semester (B.Tech. II year II semester) and
- earns all the 80 credits upto B.Tech. IV semester (B.Tech. II year II semester) within 4 years from the date of admission in B.Tech. I year.

1. What are the institutional plans to engage in more multidisciplinary research endeavours to find solutions to society's most pressing issues and challenges?

Institute has an exclusive Research and Consultancy Centre wherein faculty and researchers from different disciplines work together on various multi-disciplinary and inter-disciplinary projects to achieve solutions to societal problems.

1. Describe any good practice/s of the institution to promote Multidisciplinary / interdisciplinary approach in view of

NEP 2020.

- Students of a specific discipline are allowed to choose elective courses of their choice from other disciplines (open elective) through an online system
- Minor degree courses in emerging technologies being pursued by students of other disciplines
- Credit Transfer through SWAYAM-NPTEL

16.Academic bank of credits (ABC):

1. Describe the initiatives taken by the institution to fulfil the requirement of Academic bank of credits as proposed in NEP 2020.

Academic Bank of Credits (ABC) initiative under NEP 2020 facilitates the academic mobility of students (multiple entry and exit) with the freedom to study across the Higher Education Institutions in the country. Academic mobility is gained through credit transfer mechanism from one programme to another thereby leading to attain a Degree/Diploma/PG-diploma etc. Academic credits earned by the students are stored digitally in ABC. Students get the option of pursuing courses of their interest without hindrance. At VNRVJIET, students are pursuing courses through various platforms like NPTEL, SWAYAM, Coursera etc. However, the Institute is yet to complete the registration.

1. Whether the institution has registered under the ABC to permit its learners to avail the benefit of multiple entries and exit during the chosen programme? Provide details.

Institute is in the process of registering under the ABC and wants its students to be benefitted with ABC implementation.

1. Describe the efforts of the institution for seamless collaboration, internationalization of education, joint degrees between Indian and foreign institutions, and to enable credit transfer.

Institute has already implemented credit transfer through NPTEL-SWAYAM for its B.Tech. students. Institute has MoU with National Institute of Technology Warangal and other foreign universities for mutual collaboration. Institute plans to have mutual collaborations with national and foreign institutions for offering joint degrees, twinning programmes and credit transfer

facility.

1. How faculties are encouraged to design their own curricular and pedagogical approaches within the approved framework, including textbook, reading material selections, assignments, and assessments etc.

Institute follows a structured process for designing the curricula of various programmes. Faculty from a domain is entrusted with the responsibility of framing the curriculum. Course coordinator designs the curriculum of a course based on the inputs received from various stakeholders like students, peers, parents, alumni, industry experts, professional societies, regulatory bodies etc. Course coordinators are encouraged to refer to the curricula of higher educational institutes/reputed universities. They are also encouraged to participate in various workshops and FDPs related to curriculum revision. Course coordinator revises the course curriculum based on the feedback from Program Assessment Committee and Department Academic Committee before being approved by the Board of Studies and subsequently by the Academic Council. Members of the Boards of Studies and Academic Council guides in framing the assessment and evaluation procedures to be followed. In view of the implementation of curriculum based on NEP 2020, faculty have attended many programs conducted by AICTE New Delhi, JNTU Hyderabad etc.

1. Describe any good practice/s of the institution pertaining to the implementation of Academic bank of credits (ABC) in the institution in view of NEP 2020.

Offering of NPTEL-SWAYAM courses as an option to professional elective courses with credit transfer facility.

17.Skill development:

1. Describe the efforts made by the institution to strengthen the vocational education and soft skills of students in alignment with National Skills Qualifications Framework

Institute understands the role of life skills and personality development in a student's career growth. Acquiring these skills would help them take up their future roles confidently. Few courses from the curriculum like Advanced English Language and

Communication Skills Lab, Personality Development and Public Speaking showcase the Institute's effort in imparting soft skills to the students. Apart from this, various training programmes are organized regularly for the benefit of students so that soft skills as well as technical and professional skills among the students are developed.

Students are also encouraged to take up two mandatory certificate courses of their choice for enhancing their skills are developed through certificate courses, methodology and core subjects.

1. Provide the details of the programmes offered to promote vocational education and its integration into mainstream education.

Institute's Competency Development Centre (CDC) and Mentoring Training and Placement Cell organize training programmes on soft skills, personality development, public speaking, etc.

1. How the institution is providing Value-based education to inculcate positivity amongst the learner that include the development of humanistic, ethical, Constitutional, and universal human values of truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and also life-skills etc.

Institute is always focused on providing value-based education to its students so that they understand and inculcate the humanistic, ethical, constitutional values. Some of the courses in the curriculum are

- Professional Ethics and Human Values
- Ancient Wisdom
- Happiness and Wellness
- Gender Sensitization
- Environmental Science
- Indian Constitution

1. Enlist the institution's efforts to:

1. Design a credit structure to ensure that all students take at least one vocational course before graduating.
2. Engaging the services of Industry veterans and Master

Crafts persons to provide vocational skills and overcome gaps vis-à-vis trained faculty provisions.

3. To offer vocational education in ODL/blended/on-campus modular modes to Learners.
 4. NSDC association to facilitate all this by creating a unified platform to manage learner enrolment (students and workers), skill mapping, and certification.
 5. Skilling courses are planned to be offered to students through online and/or distance mode.
- Students are encouraged to take up two mandatory certificate courses of their choice before they graduate for enhancing their skills through certificate courses, core and elective subjects and projects.
 - Industry personnel are invited regularly for conducting various training programmes that enhance the skills of the students to make them industry ready.
 - In view of the implementation of NEP 2020, it is planned to have more courses that impart skills to the students.
 - Students are encouraged to take up online certification courses.
 - Describe any good practice/s of the institution pertaining to the skill development in view of NEP 2020.
 - Establishment of a Competency Development Centre (CDC) responsible for organizing the skill development programmes
 - Under the R22 academic regulations, one credit skill development courses have been introduced in B.Tech. and M.Tech. programmes.
 - Elective course on Entrepreneurship is offered in all the B.Tech. programmes.
 - Training programmes on Soft skills are conducted every year.

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

1. Delineate the strategy and details regarding the integration of the Indian Knowledge system (teaching in Indian Language, culture etc,) into the curriculum using both offline and online courses.

India's strong foundation in science and technology has been showcased to the world through Vedic literature available in the ancient Vedas. Institute believes in the importance of ancient Indian knowledge systems, Indian languages, culture etc. It is essential to make the current generation aware of these.

Activities related to literature, languages and art are conducted regularly. Efforts are made to promote and integrate the same into the curriculum of B.Tech. and M.Tech. programmes. Institute plans to include the following in B.Tech. and M.Tech. curricula:

- Offline course on Indian Knowledge Systems as a mandatory course
- Offline course on Indian Knowledge Systems under open-elective category
- Online course on Indian Knowledge Systems
- Offline and online courses on different Indian languages like Telugu, Kannada, Tamil, Malyalam, Hindi, Marathi etc.

To substantiate this, Institute in its latest academic curriculum under R22 academic regulations has included a mandatory course on Ancient Wisdom emphasizing the importance and application of Indian traditional knowledge in technologies existing then and its current perspectives.

1. What are the institutions plans to train its faculties to provide the classroom delivery in bilingual mode (English and vernacular)? Provide the details.

Institute has setup a Centre for Educational Technology with an aim to conceptualize the learning and teaching with application of modern educational teaching techniques. It is planned to entrust the centre to conduct capacity building workshops and training programs for faculty for delivery of curriculum bilingually. Centre would be equipped with language translation softwares for better learning.

1. Provide the details of the degree courses taught in Indian languages and bilingually in the institution.

Even though the medium of instruction for all the B.Tech. and M.Tech. programmes offered at VNRVJIET is English, yet the course faculty are given freedom to teach their courses in Telugu language by considering factors like the medium of instruction of students, ease of better understanding of a concept in local language etc. Institute plans to offer Indian classical languages and regional languages under open-elective as part of the implementation of National Education Policy.

1. Describe the efforts of the institution to preserve and promote the following:

1. Indian languages (Sanskrit, Pali, Prakrit and classical, tribal and endangered etc.)
2. Indian ancient traditional knowledge
3. Indian Arts
4. Indian Culture and traditions.

Institute in its latest academic curriculum under R22 academic regulations has included a mandatory course on 'Ancient Wisdom' emphasizing the importance of Indian traditional knowledge in ancient technologies and its current perspectives. Apart from this, Institute has Arts club which conducts programmes on Indian arts regularly and also publishes Vignana Vahini magazine in which the students showcase their artistic abilities through drawings, poetry in Telugu/Hindi/English languages.

1. Describe any good practice/s of the institution pertaining to the appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course) in view of NEP 2020.

Inclusion of a mandatory course on Ancient Wisdom in B.Tech. and M.Tech. curricula.

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

1. Describe the institutional initiatives to transform its curriculum towards Outcome based Education (OBE)?

Institute is diligently practicing Outcome based Education (OBE) framework focusing on imparting engineering knowledge, problem solving abilities, enhancing technical skills, research abilities and employability potential, lifelong learning, sensitization to environment and society etc. Curriculum has been revised four times from 2015-2016 onwards namely under R15, R18, R19 and R22 academic regulations.

OBE based curriculum of a program contains the following:

- Vision and mission of Institute,
- Vision and mission of the department
- Program Educational Objectives (PEO)
- Program Outcomes (PO)
- Program Specific Outcomes (PSO)

A typical course curriculum contains the following:

- Course title with course code
 - Course credit hour structure
 - Course pre-requisites
 - Course objectives
 - Course outcomes (CO)
 - Mapping of course outcomes with program outcomes and program specific outcomes
 - Course content/syllabus
 - Reading Materials - Textbooks, References, Online resources
1. Explain the efforts made by the institution to capture the Outcome based education in teaching and learning practices.

To assess student learning outcomes and attainment levels of Course outcomes and program outcomes under OBE, various pedagogical initiatives and assessment strategies are implemented which include application based teaching strategies for critical thinking, skill based learning, learning by doing, project based learning, inquiry based learning, experiential learning, focused group discussions, case studies, use of ICT etc. Skill development as envisaged by the Government of India under NEP is supported by certificate courses. Self-learning is promoted through MOOCs courses. Student learning outcomes i.e., course outcomes are assessed as direct and indirect. Direct assessment through proctored exams is computed for internal as well as semester end assessment. Indirect assessment is computed based on surveys. Attainment levels obtained indicate the areas for improvement. The attainment clearly indicated required improvement in areas of research. Few of the differentiators in practice at Institute are listed below.

- WIT & WIL
- VNR Lab Protocol
- Course Projects
- Show & Tell
- Open House

Online tools used for assessment:

- Eduprime Learning Management System
- Google Forms
- Mentimeter

1. Describe any good practice/s of the institution pertaining

to the Outcome based education (OBE) in view of NEP 2020.

- Implemented Outcome based education framework from 2015 onwards
- Mapping of course outcomes and program outcomes on a scientific basis
- Use of active teaching-learning methodologies like WIT and WIL, VNR Lab Protocol, Show and Tell, Storyboard etc. for better learning outcomes
- Use of Rubrics based assessments in courses like practical, project, internship etc.
- In-house campus automation software - 'Eduprime-Learning Management System' used for mapping and attainment of Course Outcomes and Program Outcomes
- MOOCs to promote lifelong and self-regulated learning
- Mandatory certificate courses for enhancing the skills
- Value based education through curricular and co-curricular activities
- Extensive field activities like Industrial visits etc.

20.Distance education/online education:

1. Delineate the possibilities of offering vocational courses through ODL mode in the institution.

At present, Institute does not offer vocational courses. However, it is planned to offer such courses through ODL mode in the near future.

1. Describe about the development and use of technological tools for teaching learning activities. Provide the details about the institutional efforts towards the blended learning.

COVID-19 pandemic forced the Institute to impart education online. Now post-pandemic, Institute has geared up for Blended learning approach giving equal emphasis on conducting offline and online classes. During the academic year 2021-2022, both online as well as on-campus classes were held for proper and smooth conducting of academic course work efficiently. Online classes are being conducted whenever needed along with on-campus (offline) classes. Timetables for both online and on-campus classes are scheduled. Video conferencing tools like Google Meet/Classroom, Microsoft Teams etc. are used for delivery of course content online. Programming and simulation related laboratories are also being conducted online. Virtual Labs are

encouraged for performing web-enabled experiments remotely. Lecture notes, powerpoint presentations, e-books and reading materials of courses are shared to students through email as well as using online video conferencing tools and social media platform like WhatsApp. Recorded videos of experiments that need physical hands-on were shared online. Revision / remedial classes are conducted online for the benefit of slow learners. Class Assessments are conducted online using Campus Automation Management System - Eduprime software. Student feedback is also obtained using Eduprime software. In addition to the above, Course Projects, Internship, Industry Oriented Mini-Project, Technical Seminar, Comprehensive Viva Voce and Project Work are conducted both in online and on-campus for completion of the program. Apart from these, students are allowed to pursue NPTEL-SWAYAM as part of credit transfer facility as well as other MOOCs for promoting self-learning. Also, all the journals and books available in the Institute library were made accessible to the students for online and remote reading through 'Knimbus' app of VNR Digital Library. Institute has a plan to introduce handheld adaptive computing devices for students that are based on artificial intelligence and machine learning technologies as well as upgrade and enhance the existing digital infrastructure capacity so as to be future ready.

1. Describe any good practice/s of the institution pertaining to the Distance education/online education in view of NEP 2020.
 - Institute has an active NPTEL local chapter through which they are encouraged to take up online certification courses for their upskilling.
 - Institute used the opportunity due to COVID-19 pandemic and potential of our faculty and infrastructure in curriculum delivery of courses of B.Tech. and M.Tech. programmes through online platforms for teaching learning activities.

Extended Profile

1. Programme

1.1

27

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 **6419**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **1446**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

2.3 **6363**

Number of students who appeared for the examinations
conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 **935**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **362**

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	27
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	6419
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	1446
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	6363
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	935
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	362

Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	362	
Number of sanctioned posts for the year:		
4.Institution		
4.1	693	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	113	
Total number of Classrooms and Seminar halls		
4.3	2770	
Total number of computers on campus for academic purposes		
4.4	6778.62	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

- The primary objective of the institute is to create techno-managerial cadres who can engage effectively the emerging globalism and contribute for national development. The institute carefully designs courses keeping in mind the needs of the nation and the region. The institute has meticulously drawn the graduate attributes and designed the Program Educational Objectives (PEO). Keeping the PEOs as base, the Program Outcomes (PO) and Program Specific Outcomes (PSO) are charted out. The objective is always to

create a technical knowledge storehouse needed for Science and Technology enabled development. The innovative curricular design architected by amalgamating teaching, research and outreach activities have led the institution to the present level of College with Potential for Excellence.

- Curricula of all the programs developed and adopted at VNRVJIET covers multiple facets like providing engineering knowledge, desirable attributes, professional ethics and relevant technical and non-technical skills. Along with these skills it also encapsulates societal aspirations. To promote higher order thinking through analyzing, evaluating concepts, processes, procedures and principles in education, the course outcomes are designed in line with the revised Bloom's Taxonomy.
- The program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) are developed based on graduate attributes:
 - Engineering knowledge
 - Problem analysis
 - Design/development of solutions
 - Conduct investigations of complex problems using research
 - Modern tool usage
 - Engineer and the society
 - Environment and sustainability
 - Ethics
 - Individual and team work
 - Communication
 - Project management and finance and
 - Life-long learning.

Complete document is provided in additional information.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://vnrvjiet.ac.in/academics/

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

1

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

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

935

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

1.2 - Academic Flexibility

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

132

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

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

27

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

1.3 - Curriculum Enrichment

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

The students of VNRVJIET are moulded as responsible Engineers by creating awareness and addressing the societal and generic needs. Along with a standardized learning plan, the curriculum is enriched by including the courses like Gender Sensitization, Environmental Studies, Energy Auditing, etc. This enriches the knowledge base of the student and improves the self-actualization and belongingness to the society. Apart from the above, Institute has a Centre of Excellence for Disaster Management which offers and conducts various awareness workshops and seminars from time to time. Few courses offered in the curriculum are developed to cater to the needs of security and sustainable environment like Green IT, Cyber Security, Big Data Analytics etc. Institute conducts seminars/guest lectures/awareness programmes inculcating human values and moral ethics into students. Few of them are listed below.

- Blood donation camp
- Tree plantation
- Swachh Bharat
- Motivation lectures
- Save Trees
- World Environment Day
- Teachers Day
- Professional Ethics for Engineers

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

66

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

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

6212

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

5766

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://vnrvjiet.ac.in/assets/pdfs/feedback-ar-atr.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://vnrvjiet.ac.in/assets/pdfs/feedback-ar-atr.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1939

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

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

677

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

2.2 - Catering to Student Diversity

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

Diagnosing learners' abilities:

- Diagnostic test is conducted in Mathematics, Physics, Chemistry, English and C programming. Based on the performance in these tests, students abilities are identified.
- A structured Mentoring and Training Programme is in place. Every student is provided with a faculty mentor and the scheduled interactions are recoded in a well- designed MTP book. During the course of interaction, the SWOC (Strengths Weakness, Opportunities, Challenges) analysis is recorded. Based on the interactions, SWOC and regular performance, students abilities are identified and necessary counseling, training are provided to cater the needs of slow and advanced learners.
- Subject experts and class in-charges through classroom interaction and counselling classes, identifies the strengths and weakness of individual students. In addition the HODs with the help of Mentors identify students who are slow learners and having backlogs.

Catering the needs of advance Learners:

- Advanced learners are exposed to new technologies after class hours, by encouraging them to participate in the research activities in RCC of the institution, Week-end projects lab.
- Students are guided to take up additional courses viz. NPTEL courses, MOOCs, ORACLE certification, Microsoft certification, Pegasystems certification, learn Tools like R Lab, MATLAB, Android OS, PSCAD, Mi-Power, PSPICE, CAD/CAM.
- Also the advance learners are provided with training in Programming through Being Zero, Internships in AMD, Amazon, Mroads, Siemens, HBL, BHEL, TCS, DRDO, NRSA, GGK

Technologies, Hyundai Mobis etc.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2021	6419	362

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

The teaching-learning process is one of the major objective and strength of our institution. VNRVJIET focuses on learner-centric approaches in the delivery of curriculum for the all-round development of students. Vibrant teaching-learning process, mostly learner-centric, are used viz. WIT & WIL™, Storyboard, VNR Lab Protocol, Process Oriented Guided Inquiry Learning (POGIL), Learning by Doing, Think-Pair-Share, Course Based Projects, Field visit / Guest lecture, Certificate courses, Project Based Learning. The institution has initiated many novel methodologies and techniques in teaching learning as its differentiators.

1. Experiential Learning Methodologies followed in the Institution

- Learning by doing: A technique where students learn by experiencing the process in practical way.
- VNR Lab Protocol (TM): For each laboratory course, VNR Lab Protocol is followed through which a student understands what he will learn and why in a structured format.
- Story board: Storyboard is a visual representation in the form of images, block diagrams or illustrations displayed for the purpose of pre-visualizing the concepts of the

laboratory experiments in a single real-time application. This is presented to the students before conducting practical experiments in the laboratory to create enthusiasm among them.

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

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

ICT enables teachers and students to participate in a rapidly changing futuristic world in which teaching and learning activities are increasingly transformed and it would allow the students to have ready access to the advanced technology in engineering. Teachers at VNR VJIET are combining technology and traditional mode of teaching to engage students in long term learning. The institute uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

Use of internet and its allied tools in the classroom education is not new to the faculty and students of VNRVJIET. Tools like E-learning module of Edu prime software for posting academic plan and schedule, student attendance, conducting assessments like quizzes and assignments; power point presentations for the regular classroom instruction, emails, and other social media platforms for sharing of learning material, NPTEL and you tube videos as supplementary teaching resources, other MOOC for additional teaching and learning content etc. are used by the faculty.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://automation.vnrvjiet.ac.in/EduPrime3
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

336

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

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

Academic Calendar:<https://vnrvjiet.ac.in/academic-calendar/>

Institute Academic Committee (IAC) collects the plan of action from Department and Section heads. The inputs collected are put forth in the Academic section. The section along with Principal and Deans collectively prepares the Academic calendar. The calendar is made available to the students before the commencement of classwork. The academic calendar is displayed on all the department notice boards, and is made available on the website through <https://vnrvjiet.ac.in/academic-calendar/>. The academic activities within the institution are strictly adhering to the calendar events. In adverse cases to deviate from the academic plan, approval of IAC should be taken. All the examinations are being conducted as per the Academic Calendar.

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

2.4 - Teacher Profile and Quality

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

362

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

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

194

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

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

3325

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

35.73

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

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

221

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

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

- Examination procedures
- Processes/Procedures integrating IT
- Continuous Internal Assessment System

1. Examination procedures

The College has been continuously carrying out of reforms in its examination and evaluation procedure through integration of IT in all the procedures and processes of the examination system.

The reforms have also been implemented in the Continuous Internal Evaluation (CIE), Semester End Examination (SEE) and in other components.

Examination procedure has been completely automated using in-house IT software (CAMS -Examination Module)

1. Examination Procedures and IT Integration

Adopting semester patterns of examination with continuous

evaluation system.

Inclusion of seminar project, assignment, seminar presentation etc. as components of evaluation.

CBCS has been implemented.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vnrvjietexams.net/EduPrimeExam/EduPrime

2.6 - Student Performance and Learning Outcomes

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

Outcome Based Education (OBE) is implemented in this Institute since 2012 as OBE give emphasis on what is expected from the student when they finish their course. In line with OBE Program Specific Outcomes (PSOs), Program Outcomes (POs) and Course Outcomes (COs) are evolved. This OBE is mandatory in all regulation bodies like NBA and NAAC etc. OBE provides/helps the student to achieve the outcomes of significance before leaving the Institute.

Every department establishes the Program Specific Outcomes (PSOs), Program Outcomes (POs) in consistent with the Graduate Attributes mandated by NBA and PEOs of the programme by considering the inputs from faculty and alumni in cognizance of latest technology demand, job prospects and societal requirements.

Program Specific Outs (PSOs)/Program Outs (POs) exhibits what students are expected to do or learn by the time of their graduation. These are evolved through consultation process with the stake holders keeping these Graduate attributes as basis.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

The Program Outcomes (POs) / Program Specific Outcomes (PSOs) are the qualities that must be imbibed in the graduates by the time of completion of their program. At the end of each program, the PO/PSO assessment is done from the CO attainment of all curriculum components. The PSOs are framed recently based on latest NBA guidelines. Each course has defined set of course outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved. In each course, the level of attainment of each CO is compared with the predefined targets, if is not the course coordinator takes necessary steps for the improvement to reach the target. With the help of CO against PO/PSO mapping, the PO/PSO attainment is calculated by the programme coordinator.

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

2.6.3 - Pass Percentage of students

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

1325

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://vnrvjiet.ac.in/assets/pdfs/StudentsSatisfactionSurvey2021-22.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

VNRVJIET has an exclusive Research and Consultancy Centre and has well defined policy for promoting research, consultancy & IPR culture. Faculty are encouraged to actively involved in research and consultancy work to carry out societal impact and, interdisciplinary projects by providing seed money and incentives. VNRVJIET has 5 Research centres recognized by JNTUH, 8 exclusive R&D laboratories, 10 Centers of Research. Nearly Rs.10 crores of funds are mobilized from Government and non-government sources. 9 full time Research scholars are pursuing Ph.D in the Research centers of the institution under AICTE-NDF scheme and JNTUH. 12% of the faculty are recognized as research guides. Research Advisory Board with eminent scientists, researchers and academicians guides the activities of the institution Research and Consultancy Centre. The Research and Consultancy Centre is driven by a strong Research policy approved by the Governing Council.VNRVJIET adheres to the code of ethics. Turnitin software is purchased and used for checking plagiarism of research publications and thesis of UG, PG, Ph.D and faculty. Grammarly Software is madeavailable in RCC for improving quality of Research articles and Project proposals. Derwent Innovation software is purchased and made available for

proprietary patent search.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://vnrvjiet.ac.in/assets/pdfs/home/researchpolicy.pdf
Any additional information	View File

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

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

57.869

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

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

10

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

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

33.61

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

15

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

38

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

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

7

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

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

Entrepreneurship Development Cell:

Functions of ED Cell:

- To train, guide, motivate and encourage the engineering students towards another avenue called entrepreneurship.
- To disseminate knowledge of entrepreneurship development.
- To give requisite inputs for starting a successful venture like technical know-how, acquiring financial assistance, licensing, pollution control
- Tips to maintain the business after successful launching
- Assistance in identifying product and services
- Assisting in preparing project report for feasibility
- To liaison with officials of NEN, EDI, SISI, APITCO, SIDBI, IDBI, MSME, APSFC, APSIDC etc
- To encourage young talented entrepreneurs to set up units in this region.
- To keep the management information for dissemination for prospective entrepreneurs for setting up a venture.

- To act as knowledge hub for entrepreneurship development.
- Consultancy services for entrepreneurship development.
- To build data base for industrial statistics
- To develop research activities in entrepreneurship development.

VignanaJyothiFoundation for Entrepreneurial Excellence("VJ Hub")

- Facilitate incubation of new enterprises with innovative technologies & cutting-edge industry research by admitting them in the incubator. Provide them physical, technical, and networking supports / services. Business incubation programs are designed to accelerate the successful development of entrepreneurial companies through an array of business support resources and services offered both by the incubator and through its network.

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

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

27

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

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of

A. All of the above

Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

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

3.4.2.1 - Number of PhD students registered during the year

17

File Description	Documents
URL to the research page on HEI website	https://vnrvjiet.ac.in/research/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

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

388

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

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

339

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vnrvjiet.ac.in/naac/ssr3/3.4.4/2021-22.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

4670

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

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

3.4.6.1 - h-index of Scopus during the year

39

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

3.5 - Consultancy

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

50.964

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

75.11823

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

3.6 - Extension Activities

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

VNRVJIET Mission is to produce technically competent and socially responsible engineers. With this mission the institution believes that all rounded personality of students is only possible with exploring the students to real time social issues. The students are motivated to be proactive in solving these social issues through empathy and by providing technical solutions through societal impact projects. Some socio technical solution provided by the student are, AI based COVID-19 diagnosis using chest X-ray image, Development of smart seed sowing mechanism for villages, Identification of groundwater

recharge potential zones in Pragathi Nagar by using Arc-GIS software etc.. The Institution has a total of 33 clubs and chapters which are active student bodies providing a venue for indulging in co-circular and extracurricular extension and outreach activities.

About 200 student volunteers in two NSS units conducted 100 activities of State and Central Govt. programmes like Harithaharam, Swatch Bharath, Clean India, Digital awareness programs, Road safety awareness, Rashtriya Ektha Divas, UBA programs. Free health camps, Blood donation camps, Eye testing camps, Career guidance, etc., 1201 units of blood were donated to Thalassemia patients. Around 1000 plant saplings were distributed and planted.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1I96HRFWHjPB6HstazKIygmPLbgRHYchg/view

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

24

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

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

35

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

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

4783

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

3.7 - Collaboration

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

251

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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

22

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Infrastructure, ICT classrooms and Laboratories:

Institution located in Central place of Hyderabad caters the needs of stakeholders, has excellent infrastructural facilities spread over 21.13 Acres of land with 55142 Sq.mts built up area.

- The Institution raised its infrastructure facilities to 122 laboratories, 113 classrooms, 9 tutorial rooms, 3 Seminar Halls and 1 Auditorium.
- All the classrooms, seminar halls and many of the Laboratories are equipped with ICT facilities.
- All the laboratories are well equipped and maintained. Computer laboratories are installed with licensed software as well as open source software.

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

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

Sports and Games:

Quality physical education programs are needed to increase the physical competence, health-related fitness, self-responsibility, and enjoyment. A state-of-the-art Sports Complex in the institute, 'KODE VENKATADRI CHOWDARY SPORTS COMPLEX (KVC sports complex)', with a plinth area of 2,947 sq.m facilitates both indoor and outdoor sports.

- The institution provides indoor game facilities for Billiards, Table Tennis, Shuttle, Badminton. Full time qualified trainers, trains students in caroms, chess, table tennis and students participate in national/international tournaments.
- The institution has adequate playground for outdoor games like Athletics, Basketball, Cricket, Football, Handball, Hockey, Kabaddi, Kho-Kho, Tennikoit, Tennis, Throwball,

and Volleyball. Athletic Track Space for all field events like Javelin Throw, Shot put, Hammer Throw, Discus Throw, Jumps, etc. is available. State of art training is provided to students in all these sports. Students won medals and awards innational/international tournament

- An exclusive Gymnasium is available for the students and faculty at KVC Sports Complex. It provides an arena for the body builders and the students who wish to maintain their general health. A number of ultra-modern equipment is made available.

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

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

113

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

4553.99

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

4.2 - Library as a Learning Resource

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

- Name of the ILMS software : Libsys 4.0
- Nature of automation (full or partial) : Full
- Version : 4.06
- Year of automation : 2006

The Central Library of VNR Vignana Jyothi Institute of Engineering & Technology was established in the year 1995 along with the College and operated manually till the year 2006. The Library was automated in second half of 2006 by using world famous LIBSYS - Library package from Delhi based Libsys Corporation. In this process the Library tickets were replaced with bar code ID Cards and every book was assigned with barcoded accession number on the Title Page of the Book. The users were created in the Libsys Database and fully automated library started functioning from December 2006.

Salient Features of LIBSYS: The Library package consists of the following modules which will help in running the library smoothly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vnrvjiet.knimbus.com/user#/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

43.52

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

1049

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

4.3 - IT Infrastructure

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

We use security policies to protect the network by using SonicWALL supermassive 9200 Firewall. Additionally, we use an E-scan Antivirus server to guard against threats.

We monitor network performance and trouble shoot problem area as needed. Total campus and hostels are having WIFI facility and LAN facility to surf internet. We design and deploy campus LANs, WANs and Wireless networks, servers, routers, Manageable switches and Computer Hardware. We provide internet facility to all labs, classrooms, library and offices all departments.

We divide our budget into capital and revenue categories based on our needs, such as internet bandwidth, networking hardware spares, servicing, etc. In addition, we can use budget to upgrade our IT infrastructure.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
6419	2770

File Description	Documents
Upload any additional information	View File

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

A. 750 Mbps

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

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

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

2181.10

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

Predefined procedures are available and executed within the Institute for the utilization and maintenance of physical equipment like Laboratories, Computers, ICT tools provided in the class rooms the facilities like Sports, library, Creche and other medical services. To name few Standard Operating Procedures (SOPs): 1. SOP for General Maintenance: Maintained by Engineering Cell, Security Wing 2. SOP for Stock Verification : 3. SOP for maintenance of Computers and Networking 4. SOP for EPABX and Telephones 5. SOP for Electrical equipment maintenance 6. SOP for Mechanical maintenance 7. SOP for Civil maintenance 8. SOP for Procurement of Diesel for power house 9. SOP for Procurement of consumables for Academic and Research labs.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

3280

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

192

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	https://vnrvjiet.ac.in/
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

5060

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 adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

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

1088

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

5.2.2 - Number of outgoing students progressing to higher education

98

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

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

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

115

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

5.3 - Student Participation and Activities

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

81

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

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

VNRVJIET has the rich culture of encouraging the students' participation and representation in decision making through different academic and administrative committees and hence causes for better academic environment in the institute. While making the policy decisions, the students' perception is well

taken into the consideration and the institute puts the continuous and constant efforts for the all-round development of students. The students are encouraged to become a part of various chapters of professional societies like IEEE, IETE, ISTE, CSI, ICI, IEI, SAE, VSI, ASME and ISOI. Also student are involved as members in several Institute and Department level committees with active participation. Few committees/ cells having the students involvement are mentioned below: Internal Quality Assurance Cell (IQAC): As the Students are end beneficiaries from the institute, they are involved in IQAC to manifest and promote the quality initiatives to be implemented in the institute. Women Welfare committee: The girl students mostly from the final year are made part of the committee to address issues related to women welfare.

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

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

71

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

5.4 - Alumni Engagement

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

VNRVJIET Alumni association is a registered association with Registrar of Societies (registered in 2012) with an office in P-317,3rd block, PG building, VNRVJIET campus. A dedicated alumni portal along with app is available for alumni networking.

Alumni association contributions:

1. No of Guest lectures conducted: 42
2. No of Alumni on Portal :15226
3. No of Alumni on College LinkedIn page:15611
4. Alumni are members of institute BOS

Initiatives

- College LinkedIn page crossed 15000 followers mark.
- Alumni benefits program: A program which allows alumni, staff to avail free consultations & discounted prices/offers from selected brands like Clove dental, Dr. Agarwal Eye Hospitals, travel services, diagnostic services (In process) and many more...
- 1995-1999 batch fund :A fund initiated to support education of one student ,set by the batch mates in memory of their classmate who died in USA in an accident. (Siva Reddy Scholarship fund) and a fund of Rs:8,11,000/- was raised till now.
- Launched career center-a unique function on alumni portal which connects the students-alumni, alumni-alumni on placements, jobs, career choices, overseas education, Startups, Higher education guidance in Engineering & MBA.

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

5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institute's focus and core ideology is reflected in its Vision, Mission, and Quality Policy as shown below:

- **Vision:** Global Standards, Value-based Education, Interdisciplinary Research, and Sustainable Development
- **Mission:** To achieve the following traits among students through modern pedagogy: technical competence, social responsibility, future-readiness, learning through innovative and collaborative research of global standards, managerial and entrepreneurial skills.
- **Quality Policy:** Updated domain knowledge, hands-on experience, continuous improvement, global standards.

Details are presented in additional information

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vnrvjiet.ac.in/

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

Decentralization and Participative management:

The institution has decentralized and transparent mechanism in management, administration, financial and academic affairs. This mechanism is delegating appropriate responsibilities from the top level management to low level and allows the top management to focus on policy making and major decisions. The Governing council is the highest decision-making body which formulates/ amends rules and regulations, delegates powers and responsibilities to various Committees, Principal, Heads of the Departments (HoDs), Heads of the Sections.

The details are uploaded in Additional information.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://vnrvjiet.ac.in/organogram/

6.2 - Strategy Development and Deployment

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

The institution Strategic plan is articulated and kept available on the public domain. The main objectives of VNRVJIET Strategic plan are:

1. Achieving Academic excellence by curriculum orientation towards advanced frontiers of knowledge and fostering experiential learning through ICT
2. Exploration of Knowledge through Innovation and Research providing inclusiveness to societal needs
3. Exponent for Development of a Rounded Personality with Global Vision & Social responsibility
4. Relentlessly pursue institutional effectiveness through quality assurance systems

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

The organization has a well-structured administrative setup with Governing Council as the highest decision-making body and 36 other functional bodies and committees. The administrative setup

is provided in the organogram in the link to organogram of the Institution webpage. The functions of various bodies are given in the link for additional information. Service rules, Procedures, Recruitment and Promotional Policies: The Institute has a set of well-established rules, policies and regulations within the frame work of AICTE, State Govt. and the affiliating university, which are approved by the Governing Council of the Institute. The rules and regulations of the institute were first published in Nov 1997 and are revised periodically. The following documents are published and are made available in the institute library and in all departments to create awareness among the employees and students.

The same is also available in the college website - www.vnrvjiet.ac.in.

File Description	Documents
Paste link to Organogram on the institution webpage	https://vnrvjiet.ac.in/organogram/
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

As per the norms of AICTE, 6th Pay commission recommendations are implemented.

2. Employees are covered under EPF and Gratuity

3. Study, Maternity and Medical leaves are sanctioned for the required staff.

4. Vehicle and Laptop loans are provided for both Teaching and non-teaching faculty.

5. Registration fees, Dearness allowance, Travel grants for faculty attending conferences and workshops are provided.

6. Incentives for best research work.

7. Children of the staff are rewarded for their best performance in academics.

8. Non-teaching staff are provided with ESI facilities.

9. Concessional on Transport and Medical facilities for all the staff.

10. Medical Insurance - 50 % for faculty and 80 % for staff

11. Full time Medical facility with qualified Doctor and nurse are available in the institution.

12. Creche, sports, gym and yoga facilities are provided for staff and family. 13. ATM facilities are available in the campus.

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

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

130

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

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

23

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

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

213

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Financial planning ensures consistency of goals, aligning the growth objectives of the institute with its financial requirements. It also supports the strategic growth of the organization. To Begin with the End in Mind, the institute plans

and accumulates the right amount of funds by gathering the inputs and requirements from its associated departments.

- Financial Planning is exercised well in advance for the organization and efficient Budgeting & Controlled mechanism is done by involving the various Academic Departments and Administrative Sections of the Institute.
- Financial planning and review is done in periodic intervals through statutory - Finance Committee headed by Principal, Dean- Administration, Management representative, Faculty and Account Personnel as members.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vnrvjiet.ac.in/audited-statements/

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

0

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

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

Mobilization of Funds:

- The major source of revenue for the college is the Annual fee collected from students. The fee is collected as per the fee & guidelines fixed by the State fee regulatory authority. The fee is converted into fixed deposits and withdrawn periodically as per the requirements of the institute. The fixed deposits are withdrawn and used for the expenditure of the college. The interest earned on these fixed deposits is also being utilized for the needs

of the institution.

- Mobilization of funds is also done through sponsored projects from DST, FIST, DRDO, AICTE, UGC, Industry sponsored projects by the faculty. Faculty will purchase the equipment, meets expenditure for travel and stipend for research associates. Funds are also mobilized through consultancy and philanthropic contribution.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vnrvjiet.ac.in/audited-statements/

6.5 - Internal Quality Assurance System

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

Practice 1 : Impart Research culture in students through Summer Research Internships:

To produce technically competent and socially responsible engineers and encourage students and faculty towards innovative research projects of interdisciplinary nature VNRVJIET has introduced Summer Research Internships during the pandemic.

Objectives:

- To enhance student research and publications
- Identify engineering solutions to societal problems
- Build students Skill set to match the industry needs

Students are selected across the institutions national wide from various disciplines. Participants from various Mentee institutions as well as Central universities, State universities and High school from Atlanta have participated in Internship.

Inhouse faculty has assigned the project topics in emerging technologies and societal problems. student faculty interaction has happened through email telephonic and video calls. A total students of 1966 from VNRVJIET and 141 students from other

institutions have undergone the internship.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://vnrvjiet.ac.in/iqac/

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

1. Academic Audit is a regular practice in the Institution which ensures the quality of each Program. IQAC of the institution conducts rigorous academic audit every year to enhance the quality of department.

Departments are Audited by IQAC using following parameters

- Delivery methodology adopted by the departments
- ICT utilization
- Mechanism to identify weak students
- Effectiveness of remedial classes
- Self-learning resources
- Faculty immense contribution in bringing out novelty in teaching learning process and extensive academic & sponsored research encouraged by the state-of-art laboratory facilities.
- Faculty are encouraged to improve their professional expertise by attending conferences, workshops, webinars, seminars, and symposiums focussed on enlightening them about the latest developments in their field of expertise.
- Faculty are motivated to update their knowledge using different domains such as NPTEL, MOOCs, Coursera, Edx, etc.,

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vnrvjiet.ac.in/iqac/

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and

A. Any 4 or all of the above

used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://vnrvjiet.ac.in/igac/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

VNRVJIET offers a course on Gender Sensitization to all B.Tech students at II/III yr level. This course aims at bringing awareness regarding gender equity among the young students. As part of this course students participate in a host of activities like role plays, group discussions, poster making/slogan writing, power point presentations etc. students also design and perform activities like street plays, debate competitions, essay writing competition, etc. Annual gender sensitization action plan(s) The annual gender sensitization plan includes the course conducted for all B.Tech students at II/III year level. Special facilities provided for Women :

- a) Safety and Security
- b) Counselling
- c) Common Rooms
- d) Day-care Centre

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above
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File Description	Documents
Geotagged Photographs	View File
Any other relevant information	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 a maximum of 200 words)

Solid Waste Management:

Inspired by Swatch Bharat Mission, Twin-Bin system is being used in the Institute to segregate recyclable and biodegradable waste. Professional contractors collect the recyclable waste and biodegradable waste.

Liquid Waste Management:

Sewage Treatment Plant (STP) of 150KL/day capacity is in use both in the Institution campus and Hostel. The treated water is used for flushing and gardening purpose. Eco-friendly floor cleaners are used, and the wastewater is checked on a monthly basis. Disposal is done after treatment if necessary.

E-Waste Management:

E-waste management bins are provided across the campus to collect the E-waste across all departments. The collected material is disposed for recycling through authorized vendors. All Computers, batteries and electronic machinery is purchased under Buy-Back agreement.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
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File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1.Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	No File Uploaded

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	No File Uploaded

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

- Institution has adopted 4 villages under Unnat Bharat Abhiyan and conducted activities with students and faculty for environment, health and socio economic development of women children and students.
- Every academic year VNRSF volunteers recycle the paper waste with the help of ITC. The books generated or distributed to the needy students from economically and socially backward backgrounds.
- All the regional and cultural festivals like Sankranti, Bathukamma, Durga puja Holi Christmas Ganesh Chaturthi, Sri Rama Navami are celebrated among the students and staff. Separate prayer rooms are made available for namaz in the campus.
- Sahithi vannam club spreads the worlds of equality on the basis of language through various student activities and competitions conducted in different languages.
- Technical festival - Convergence, Cultural Festival - Sintillashunz, Sports Festival creates a platforms for diversified participation with out bareer for cultural, regional, linguistic, communal, socio-economic

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

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations:

values, rights, duties and responsibilities of citizens:

The institution has a mission to produce technically competent and socially responsible engineers' managers and entrepreneurs who will be the future ready for our country. To sensitise the students and the faculty the institution to its constitutional obligations various continuous activities are organised as a part of our 18 months calendar.

All the national festivals are conducted in the spirit of values, rights and duties. The Independence Day celebrations starts with the salute parade event the girl student topper will hoist the Indian flag. The Republic day celebrations are enriched with "Know your rights and follow your duties a VNRSF initiative. Group discussion, debates and motive speeches on being responsible citizens are conducted during these activities.

A journey for the right future which demonstrates RTI and RTS acts or conducted frequently by the VNRSF. as the special duty and responsibility towards the society the student clubs organises anti drug campaigns and traffic awareness weeks. world environment day as a duty towards earth is celebrated and plants are distributed to the stakeholders for planting at their nearby places.

With true spirit the National youth festival, Babasaheb Ambedkar Jayanti, National Flag Day Engineers Day are conducted by student clubs.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to

A. All of the above

**monitor adherence to the Code of Conduct
Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized**

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

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

India is a land of multi-ethnicity where people of different languages and cultures live together with peace and harmony. India is worldwide known for its cultural diversity and colourful festivals. The National festivals Gandhi Jayanti, the Independence Day and the Republic Day have a distinctive quality which sets them apart from other festivals. The institute recognizes and attests to the overriding importance of these red-letter days. It steps up preparations to mark the occasion, mobilizing all of its resources at each level.

Following table shows the list of various activities organized on national festival days and on great Indian leaders' birth anniversaries

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

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Title of the Practice-1:

Quality Sustenance and Enhancement through Academic audits and Administrative audits

Title of Practice-2:

Empathizing the student attitude through activities like Wall of Kindness, Fist full of Rice and FABS-2.0

File Description	Documents
Best practices in the Institutional website	https://vnrvjiet.ac.in/igac/
Any other relevant information	http://vnrvjiet.ac.in/igac/

7.3 - Institutional Distinctiveness

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

VNRVJIET, believes in sharing the technical and administrative best practices among the peer institutions, which will improvise the HEIs ecosystem. The statutory and accreditation organizations also encourage such practices through various schemes, viz., Margadarsh and Paramarsh.

Being a NAAC A++ institution, VNR VJIET acted as a mentor hub for 8 institutions from various districts in Telangana State.

Three institutions from Medchal -Malkajgiri district, one each from Karimnagar, Ranga Reddy, Kothagudem, Mahbubnagar and Khammam Districts were mentored as mentee institutions under Paramarsh scheme.

The main objective is to enhance the overall quality of the peer institutions and Mentoring the Non-Accredited Higher Education Institutions to enable them to get accredited. The mentoring resulted in the improvement of mentee institutions education quality and profile by improving teaching learning methods and research. This peer learning also helped our institution in understanding the gaps in various insights of education system. This motivated us to enhance our activities in various parameters, like research and innovation ecosystem.

Complete details are uploaded in -Any other relevant information.

File Description	Documents
Appropriate link in the institutional website	http://vnrvjiet.ac.in/igac/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- Renewal of NBA Accreditations
- Initiate Faculty Professional Growth Plan to mentor and monitor for the progress of faculty
- Offer Dual degree to students