YEARLY STATUS REPORT - 2020-2021

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)	http://www.vnrvjiet.ac.in/iqac/aqar(2019-2020).pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.vnrvjiet.ac.in/bac.php

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	**7**	
• 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)

AICTE approval for new UG courses- CSE(AIML), CSE(DS),CSE(CS), CSE(IOT)

100% Covid vaccination for faculty and staff

Environment, Energy and Green audits

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
International Internships and student fellowships	Achieved international placement in Juniper networks Inc. with a package of USD 125000$, University Innovation Fellowships by Stanford University- Hasso Plattner Institute of Design
Improve Intellectual Property Rights	12 Granted and 74 at various stages
Strengthen Academic Audits	Conducted External Audits with eminent professors from NIT and initiated Actions
Promote National Education Policy (NEP) 2020 among the stakeholders	Conducted 4 knowledge sharing sessions on NEP
Providing new hostel facility	1116 capacity hostel is constructed for boys

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	21/01/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2020-21	30/03/2022

Extended Profile

1.Programme

1.1	**26**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	**5847**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	**1333**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	**1389**
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	**1630**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2	**392**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	**392**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**2312**
4.2 Total number of Classrooms and Seminar halls	**97**
4.3 Total number of computers on campus for academic purposes	**2452**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**364644325**

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 architectured 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 Complete document can be observed in additional information

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

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

0

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

1630

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	**No File Uploaded**
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

619

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	**No File Uploaded**
Any additional information	**No File Uploaded**
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

26

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	**No File Uploaded**
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	No File Uploaded
Any additional information	No File Uploaded

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

24

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

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

2534

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

1919

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

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	http://www.vnrvjiet.ac.in/feedbacks.php
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	**No File Uploaded**
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	http://www.vnrvjiet.ac.in/feedbacks.php
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

1636

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

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

901

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses 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.

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.

Catering the needs of slow Learners:

The Complete document can be observed in additional information

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
01/07/2020	5847	392

File Description	Documents
Upload any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

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 is 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 Institution

- Learning by doing
- VNR Lab Protocol (™)
- Storyboard
- Engineer-in-Mirror
- Shadow Engineering

2. Participative Learning Methodologies followed in Institution

- Process Oriented Guided Inquiry Learning(POGIL)
- WIT&WIL
- Flipped classroom&Blended learning
- OpenHouse

3. Problem Solving Methodologies followed in Institution

The Complete document can be observed in additional information

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.

The Complete document can be observed in additional information

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
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

360

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	No File Uploaded

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

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 http://vnrvjiet.ac.in/bac.php and http://vnrvjiet.ac.in/mac.php. 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.

Teaching Plans:

Every faculty prepares the Academic (Teaching) plan in the prescribed format before the commencement of the classwork every semester. The academic plan structure is prepared to adhere the needs of Outcome Based Education suggested by National Board of Accreditation (NBA). The contents of the plan include:

The Complete document can be observed in additional information

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

392

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

165

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

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

3054

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

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

11

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
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

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)

2. 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.

3. Continuous Internal Assessment System

Sessional Examination Assignments / Quiz Tests are conducted online through E-Learning Module of CAMS and the same will be pulled into Examination Module to arrive final marks.

There are Two Internal Tests and an Assignment that constitute the Continuous Internal Evaluation system, and this was ensured by the CAMS -Examination module.

ENTRY OF CIE and Laboratory External Marks (Regular and Supplementary)

The Entry of IA Marks of both Main and Supplementary Examinations are done by the concerned faculty in the online Portal which further helps in the announcement of results after due calculation.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

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 regulations 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.

Course outcomes are direct statements that describe the essential and enduring disciplinary knowledge and abilities that students should possess and the depth of learning that is expected upon completion of a course.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	**No File Uploaded**
Upload any additional information	<u>View File</u>
Link for additional Information	<u>http://www.vnrvjiet.ac.in/bsb.php</u>, <u>http://www.vnrvjiet.ac.in/msb1.php</u>

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	**No File Uploaded**
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

1298

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File]()
Upload any additional information	**No File Uploaded**
Paste link for the annual report	**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

http://www.vnrvjiet.ac.in/StudentsSatisfactionSurvey2020-21.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 made

available 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	http://www.vnrvjiet.ac.in/researchpolicy.php
Any additional information	No File Uploaded

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)

364524.5

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
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	No File Uploaded
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	**No File Uploaded**
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)

87.40904

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

28

File Description	Documents
Upload any additional information	**No File Uploaded**
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

31

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	**No File Uploaded**
Institutional data in Prescribed format	[View File]()

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

8

File Description	Documents
Supporting document from Funding Agencies	[View File]()
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

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:

VignanaJyothiFoundation for Entrepreneurial Excellence("VJ Hub")

The Institute's in-house Incubator, "VJ Hub", is alsorepresented inthe "Telangana Incubators and Enablers Network", where it has access to work closely with 50+ incubators in the Telangana State, including T-Hub, WE Hub, ALEAP WE Hub, and AICs in the state.

Benefits to students (UG/ PG/ Projects/ Internship) and Staff (FDP/ Projects)

The Institute has a total student strength of about 6800 and employs 420 faculty members in its 13 B.Tech., 13 MTech., and 8 Ph.D. programmes. Inclusive TBI may thus be the natural consequence that can enhance and stabilise the advantages of and facilitation by the HI towards innovation and entrepreneurship. Some of the direct benefits are listed hereunder:

I&E Events hosted at the HI:

- **Annual Entrepreneurship Fest, Ecficio**
- **Annual Project Expo, Open House**
- **Annual Technical Symposium, Convergence**
- **EWeek (Entrepreneurial activities for a week)**
- **My Big Idea Competition, multiple times a year**
- **Intramural Innovation Challenge, 1-2 times a year**
- **Hosting 5-10 hackathons a year**
- **Students also participate in hackathons at local, regional, and national levels including the Smart India Hackathon, Toycathon, and more**

The Complete document can be observed in additional information

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

96

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

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**B. Any 3 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	**No File Uploaded**

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

3.4.2.1 - Number of PhD students registered during the year

4

File Description	Documents
URL to the research page on HEI website	http://www.vnrvjiet.ac.in/research.php
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

67

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

139

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

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

1084

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

37

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	**No File Uploaded**

3.5 - Consultancy

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

68.86596

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	No File Uploaded
Any additional information	No File Uploaded

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

150000

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

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

VNR Vignana Jyothi institute of Engineering and Technology is keen in organizing and participating in various extension activities that help the local communities in the neighborhood areas with an objective of not only sensitizing students about various social issues but to strengthen the local community. The two NSS college units take part in various initiatives like organizing camps, Swachh Bharat initiatives, blood donation camps, awareness programs on AIDS prevention, Suicides prevention etc every year as part of regular activities.

NSS volunteers and coordinators participated and registered in COVID

helpdesk developed by MGNRCE an Initiative of MHRD,Govt of India
,COVID help desk is a platform which gives the information of COVID
treatment facilties available like ,beds ,Oxygen cylinders,
Medicines etc in the near by areas.

Team VNRSF conducted session with Vyjayanthi Vasatha Mogli,to dwell
into challenges in getting transgender individuals employed and
plausible solutions to overcome them.

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

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

06

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	No File Uploaded

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

17

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

2556

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

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

578

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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

23

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Infrastructure, ICT classrooms and Laboratories:

- **Institutionlocated in Central place of Hyderabad caters the needs of stakeholders, has excellent infrastructural facilities spread over 21.13Acres of land with55142Sq.mts built up area.**

- The Institution raised its infrastructure facilities to 122 laboratories, 97classrooms, 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.
- 2:1 Student Computer Ratio is being maintained in the institute.

File Description	Documents
Upload any additional information	No File Uploaded
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 2,947sq.m facilitates both indoor and outdoor sports.

The following Indoor and Outdoor facilities are available in Sports Complex.

1. 3 wooden floor Badminton courts
2. Wooden floor Basket Ball court
3. 3 Billiards Tables
4. 10 Table Tennis Tables
5. 30 chess Boards
6. 12 caroms Boards
7. Gym with Imported equipment
8. Yoga Center with a permanent Instructor
9. Rest rooms for Players
10. A separate Medical Center with full time Doctor, Nurse and adequate medicines
11. Cricket and Football Ground
12. Volleyball Courts with flood lights

13. **Tennis courts with Synthetic flooring and Flood lights**
14. **Basket Ball Courts with flood lights**
15. **Badminton Courts**

Cultural Activities:

The Complete document can be observed in additional information

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/15UNXrNEvTaPMzTjdvmYBUzqtHx15fHG1?usp=sharing

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

97

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

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

1139.90

File Description	Documents
Upload audited utilization statements	**No File Uploaded**
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

The Complete document can be observed in additional information

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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	**No File Uploaded**

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

5076837

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

220

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

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

The Improvements and Updating of IT facilities during the academic year 2020-2021:

The Applied Budget For the Financial Year 2020-2021 from CNCC is : 119,55000/- (One Crore Nineteen Lakh Fifty Five Thousands rupees only).

Institution is availing Internet Services from Class A Internet Service Provider (ISP) certified by Department of Telecom (DoT) India. Institute has 10G Fiber Module with Firewall. The Campus Network Control Center (CNCC)

Available bandwidth:

1.1 Gbps 1:1 Leased Line

Campus Network Control Center (CNCC) organizes the distribution of bandwidth and speed depending on the requirements. The bandwidth facility is improved from 0.5 Gbps to 1.1 Gbps

```
Wi Fi availability:

Security arrangements: Using firewall protection by sonic wall and
using antivirus of 1200 users.

Institution is equipped with the SonicWall Super Massive Series
which is a Sonicwall's Next-Generation Firewall (NGFW) platform.
This is designed for large networks to deliver scalability,
reliability and deep security at multi-gigabit speeds with near zero
latency. The RFDPI engine also performs full decryption and
inspection of Transport Security Socket Layer(TLS)/Secure Socket
Layer(SSL) and Secure Shell(SSH) encrypted traffic as well as non-
proxy able applications, enabling complete protection regardless of
transport or protocol.

An expenditure of
79,82,976/-(SeventyNineLakhEightyTwoThousandNineHundred SeventySix)
is spent.
```

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
5847	2452

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	No File Uploaded
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	B. Any three of the above

File Description	Documents
Upload any additional information	No File Uploaded
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)

2506.54

File Description	Documents
Audited statements of accounts	No File Uploaded
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.

The Complete document can be observed in additional information

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vnrvjiet.ac.in/procedures.php

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

3017

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	**No File Uploaded**

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

28

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

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

File Description	Documents
Link to Institutional website	**Nil**
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

1086

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	View File
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

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

1000

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

173

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
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

98

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	**No File Uploaded**

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

05

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	**No File Uploaded**

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),Women Welfare committee,Library Committee,Sports Committee,Canteen Committee,Hostel Committee,Fest Organizing Committee,Editorial Boards,ECA/CCA Committee,Class Review Committee (CRC),

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

0

File Description	Documents
Report of the event	**No File Uploaded**
List of sports and cultural events / competitions organised per year	**No File Uploaded**
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,VNRVJIET campus. A dedicated alumni portal along with app is available for alumni networking.

Alumni association contributions: 1. No of Guest lectures conducted: 22

2. No of placement Training sessions : 52

3. No of Webinars conducted :03

4. No of Alumni on Portal :14126

5. No of Alumni on College LinkedIn page:12371

6. Alumni are members of institute BOS

Initiatives

- College LinkedIn page crossed 12000 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.
- Donate a Laptop: A fund rising was done to help the financially underprivileged students to continue with their online classes.4 brand new laptops worth Rs: 35000/- total cost of Rs: 1, 40,000/- were distributed to students.
- 1995-1999batch 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:2,56,000/- was raised till now.

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	D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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.

The Principal, who is the Academic Head of the Institution, is aided by: Deans, Heads of the Departments, Finance Officer, Section Heads, and Chairpersons of other Institute-level Committees. The various Committees that direct the day-to-day functioning of the Institute include: Governing Council; Academic Council and Boards of Studies; Finance Committee; Finance, Planning and Development Committee. Other Sections and bodies that take part in Governance include: Internal Quality Assurance Cell (IQAC); Planning, Approvals, Accreditation and Certification (PAAC) Cell; Academics and Admissions (AA); Examinations and Evaluation (EE); Research and Consultancy Cell (RCC); and Mentoring, Training and Placement (MTP) Cell.

The Complete document can be observed in additional information

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

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 constitution of statutory committees like Governing council, Academic Council, Finance Committee, Board of Studies are systematically carried out with specified functions and responsibilities as per the requirements to the regulatory/statutory bodies. These committees play a major role in policy making of governance, academics, finance, research and teaching learning

The Principal ensures the smooth functioning of the institution with the support of Deans,

- Dean Academics
- Dean Examination & Evaluation
- Dean Administration
- Dean Student Progression
- Dean Innovation, Incubation, Entrepreneurship & Globalization
- Dean Research, Development & Consultancy

The Complete document can be observed 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	Nil

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

Each objective is achieved through a specified action plan and measures by the defined metrics:

The Complete document can be observed in additional information

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.

Grievance Redressal Mechanism:

The Grievance Redressal Mechanism of the institution is established with an aim to provide easy and readily accessible procedure for prompt disposal of the day to day genuine grievances of the student and faculty community to maintain a congenial atmosphere.

The Complete document can be observed in additional information

File Description	Documents
Paste link to Organogram on the institution webpage	http://vnrvjiet.ac.in/or6_2_2.pdf
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	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

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

The Institution provides effective welfare measures to both teaching and non-teaching staff. All statutory welfare measures are implemented. Various monetary, non-monetary measures towards personal and professional growth are being followed to the satisfaction of the employees.

1. **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	**No File Uploaded**
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

32

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

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

324

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<u>View File</u>
Upload any additional information	**No File Uploaded**

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.)

293

File Description	Documents
Summary of the IQAC report	**No File Uploaded**
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<u>View File</u>
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.**
- **Finance Committee meets 4 times a year and reviews the income-expenditure statements and suggest further action plan. Management through Governing Council looks in to income and expenditure pattern and pragmatic recommendations are given.**
- **Well-structured financial section is in place and every financial transaction is recorded through software.**
- **Financial Rules are in place in the Institute and "No- Cash" Transaction System is followed. Fee Payment is encouraged through online mode.**

The Complete document can be observed in additional information

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

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**

Strategies for optimal utilization of financial resources:

- **During the budget preparation in the institution all the academic and section heads are requested to provide the annual budget requirements keeping in view of development and updating of laboratories, computing facilities, library, teaching-learning process, training, extension activities, software etc.**
- **Monthly budget plan is also invited from all the sections for optimal planning of financial resources.**

The budget utilization from the past years speaks out the efficient budgeting and optimal utilization in the institution.

The Complete document can be observed in additional information

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

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.

Practice 2 : Mentoring Peer institutions on Quality initiatives:

Institution under Margadarshan and Paramarsh scheme has entered MOUs with peer institutions to enhance quality in teaching, research and innovations. IQAC has taken initiative and mentored institutions under Paramarsh scheme

The Complete document can be observed in additional information

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

2. Handling the Hybrid mode of teaching effectively during Pandemic

- Teachers are trained on tools used for Hybrid mode of teaching in COVID kind of uncertainties.
- Students attentiveness is well measured by teachers and audited by IQAC through weekly reports.
- Training for placements and virtual interviews were done through Hybrid mode which helped in improvement in placements in pandemic time.

The Complete document can be observed in additional information

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://www.vnrvjiet.ac.in/iqac.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

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	https://drive.google.com/drive/folders/1nIW10PJ3INNsaRD45a6ipgQK9ldqLInE?usp=sharing

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

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.

Hazardous chemicals and radioactive waste management:

Liquid chemicals from Chemistry and Environment Engineering Lab are disposed as per MSDS norms.

Waste Recycling System:

The Complete document can be observed in Geotagged photographsof the facility

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
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**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of	**A. Any 4 or all of the above**

reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	[View File](#)
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The institution has a vision to provide a value based education conducting interdisciplinary research in cutting edge technologies for budding engineers to provide socio economic environment. The following are the few activities that the institution caters for tolerance and harmony towards various diversities.

- **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)	No File Uploaded

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	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts	A. All of the above

periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

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.

Complete document can be observed in the file attached at"Relevant information" tab

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

7.2 - Best Practices

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

Best Practices for the Academic Year 2020-21

Title of the Practice 1

Strategies adopted by Training and Placement Cell during the pandemic times of covid-19 for getting the best careers to the students" through campus placements.

Title of the Practice 2

Extending Healthitude by supporting VJ family during pandemic

The complete documents of best practicces in the prescribed format can be found at http://www.vnrvjiet.ac.in/7.2.1.pdf

File Description	Documents
Best practices in the Institutional website	http://www.vnrvjiet.ac.in/7.2.1.pdf
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

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

Holistic Approach- Diversified Intellectuals through Events in Technology

VNRVJIET believes in All rounded development of the students to produce technically competent and socially responsible engineers, managers and entrepreneurs.

As the institution Vision notifies about offering value-based education, conducting interdisciplinary research in cutting edge technologies leading to sustainable socio-economic development of the nation - Curriculum, Teaching -learning process and training through certificate, Value added courses is the base of the student's enrichment process.

To impart diversified skill set to graduating students, Co-

curricular, Extra-curricular activities are given highest priority. Students are made part of Professional Societies in relevance to their core technologies. The Department associations, Student Chapters of the professional bodies ISTE, IEEE, ICMACC, ACM, CSI, ISOI, ASME, ICI, IEI, IETE, SAE, CEA, ICI, IGBC involve and encourage student participation in various technical events like Hackathons, Paper presentation and other technical events. National Level Technical fest - Convergence is organized by these student bodies. The Technical fest invokes the technical, communication, soft and life skills of the students.

Complete document can be observed in the file attached at"Relevant information" tab

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

7.3.2 - Plan of action for the next academic year

- New UG and PG courses.
- Emphasize on research and IPR by strengthening RCC.
- Revamp the existing website to handle dynamic information.
- Strengthen the administrative process and auditing system.
- Initiate B.Tech minor andhonour degrees
- Enhance Industry Academic Interaction.