



# **YEARLY STATUS REPORT - 2021-2022**

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	<b>VAAGESWARI COLLEGE OF ENGINEERING</b>
• Name of the Head of the institution	<b>Dr. CHIDURALA SRINIVAS</b>
• Designation	<b>PRINCIPAL</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>08782955333</b>
• Mobile no	<b>9502588609</b>
• Registered e-mail	<b>principal@vgsek.ac.in</b>
• Alternate e-mail	<b>s4.principal@gmail.com</b>
• Address	<b>BESIDE LMD POLICE STATION, RAMAKRISHNA COLONY, KARIMNAGAR - 505527</b>
• City/Town	<b>KARIMNAGAR</b>
• State/UT	<b>TELANGANA</b>
• Pin Code	<b>505527</b>
<b>2. Institutional status</b>	

• Affiliated /Constituent	<b>Affiliated</b>				
• Type of Institution	<b>Co-education</b>				
• Location	<b>Rural</b>				
• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Jawaharlal Nehru Technological University</b>				
• Name of the IQAC Coordinator	<b>Dr. VENKATA REDDY ADAMA</b>				
• Phone No.	<b>08782227201</b>				
• Alternate phone No.	<b>08782955333</b>				
• Mobile	<b>8121860999</b>				
• IQAC e-mail address	<b>vgse.ecehod@gmail.com</b>				
• Alternate Email address	<b>s4.ecehod@gmail.com</b>				
<b>3. Website address (Web link of the AQAR (Previous Academic Year)</b>					
<b>4. Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://vgsek.ac.in/uploads/College Academic Calender 2021-2022 000087.pdf"><u>https://vgsek.ac.in/uploads/College Academic Calender 2021-2022 000087.pdf</u></a>				
<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A+</b>	<b>3.28</b>	<b>2023</b>	<b>07/02/2023</b>	<b>06/02/2028</b>
<b>6. Date of Establishment of IQAC</b>		<b>15/11/2019</b>			
<b>7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department / Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Institutional</b>	<b>SPICES</b>	<b>AICTE</b>	<b>2022-23</b>	<b>100000</b>

<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>
• Upload latest notification of formation of IQAC	<a href="#"><u>View File</u></a>
<b>9.No. of IQAC meetings held during the year</b>	<b>4</b>
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	<b>Yes</b>
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<p>The Internal Quality Assurance Cell (IQAC) has made major contributions to strengthening quality assurance methodologies and activities. Since its inception, the IQAC has consistently performed the following assignments: 1) Strengthen and coordinate the organization's various endeavors, and institutionalize all good practices; 2) To improve and integrate the institution's varied activities, and institutionalise numerous beneficial strategies. 3) Provide a solid foundation for making decisions to promote institutional operations; Making sure that the quality culture is internalized. 4) Function as an evolving system for quality improvements in higher education institutions (HEIs);</p> <p>5) Ensure a greater level of conciseness and concentration in institutional activities towards quality improvement; 6) Create a structured system for documentation and interpersonal communication; 7) Improved teaching and research quality through continuous feedback by students to all those involved. Providing recommendations for the most effective administration methods to ensure optimal resource utilization and strengthened services to students as well as faculty.</p>	

**12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
Conduct of IQAC Meetings	<p>IQAC held four meetings, including 22.06.2022, 23.09.2022, 23.12.2022, and 23.03.2023. Data from several college activities was gathered and compiled. IQAC is responsible for storing data from college operations and events. Standard operating processes are created and updated regularly. Quality checks at different stages are conducted, along quality improvement methods are employed. Regular audits inside the organization were carried out. Quality-related actions will be recorded regularly.</p>
Curricular Development and Execution, Curriculum expansion, Feedback Mechanism, Evaluation Procedures and Amendments, Encouraging young teaching	<p>IQAC can ensure that all departments draft and adhere to departmental calendars for events (academic and co-curricular). IQAC will make sure that teaching plans are provided and strictly implemented in all departments. The departments should meet the goals outlined in the curriculum, and IQAC will verify the accomplishments that occur, IQAC will make sure that study excursions, field trips, collaborative discussions, and presentations are held in all departments. Students will have more opportunities to participate in field projects, Feedback is to be collected from students, alumni, parents, and others. The Feedback Panel will evaluate the feedback, create new projects, and issue notices on the college website. Setting up should be delegated to IQAC, IQAC will analyze the rate of dropping out and take deliberate initiatives to lower it. Department-specific test series will begin weekly, The IQAC has built a platform that allows fresh</p>

13. Whether the AQAR was placed before statutory body?	Yes
• Name of the statutory body	
Name	Date of meeting(s)
Governing Body Meeting	26/02/2024

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2022	24/02/2024

## 15. Multidisciplinary / interdisciplinary

Vaageswari College of Engineering is affiliated to Jawaharlal Nehru Technological University Hyderabad. Hence, all the courses has been adopted as per the university syllabus under Choice Based Credit System (CBCS) which is implemented by the JNTUH. Each program offered in multidisciplinary courses to have overall concepts in engineering and management. The Institute always encourages the faculty members to do research on interdisciplinary areas so as to meet industrial requirement as well as societal needs and also collaborate with industries to carry out real time projects. Interdisciplinary research shall bring obviously the new innovative ideas, techniques and methods to solve various problems encountered in the real time world. The Statutory regulator authorities like AICTE, and JNTUH are also emphasis regarding model curriculum about the introduction of interdisciplinary courses to students through open elective and professional electives.

## 16. Academic bank of credits (ABC):

All the subjects in different courses are to be registered by a student in a semester to earn credits in the Academic Bank Credit account of the student and the validity of such credits shall be as per norms. Credits shall be assigned to each subject/course in a L: T: P (Lecture Hours: Tutorial Hours: Practical Hours) structure, based on the following table. 1 Hr. Lecture per week 1 credit 1Hr. Tutorial per week 1 credit 1 Hr. Practical per week 2 Hour Practical (Lab)/week 0.5 credit 1 credit. Every student shall be eligible to get additional 20 credits if he/she completes equivalent courses in SWYAM/MOOCs. A Student can earn 2 credits by doing internship for a duration of one month during the semester break period, in the same way active participation in NSS which is related to survival skill learning during various events.. As on now grade is yet to be defined for these 2 credits they are not included in CGPA Calculations but internship shall be considered

## 17. Skill development:

Vaageswari College of Engineering is always in the forefront to conduct the various skill development programs to the benefit of students. In the same direction, faculty shall also improve their skill in the emerging areas by active participation. The has been organizing various awareness programs, Seminars, Workshops and field visits. Some of the students have been benefited by attending the programs. It brought, that the students understood the creativity and innovation techniques. Vaageswari Institution Innovation Cell has conducted awareness workshop which has intensified the skills of innovation and creativity in products development and marketing by the

professional students Organizing training classes continuously with the high end electronic and digital presentations. Making the students to participate in workshops, Debates and Reading Sessions. Motivating the students to organize group discussions and role playing. Making students to watch lecture series available in social media.skills to forfeit themselves in placements and also finishing school CRT training programs will organized every year. Telangana Association for Skill and Knowledge(TASK) initiated by state government of Telangana to all Higher Education Institution to give awareness on latest technologies, Industry readiness and Campus Recruitment. Our students are taking active participation in this program and placed in MNCs.

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

Future generation need a reconfigurable education system in India on the framework of Indian knowledge System which should compete the world education system. It shall lead to recognize by the world that the distinctness of the India hold. It is only possible by of its cultural, civilizational values and awareness in all the fields. The statutory bodies such as AICTE and UGC instructs all the higher educational institutions to prepare academic curriculum n such a way that all the courses would be available in domicile candidate mother tongue for easy of understand and implement the technology in very quickly. In this context the management and principal of our institute instructed all the faculty members to prepare and write technical books in regional languages as per the AICTE and UGC guidelines.

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

The outcome based education has been targeted in attainment of desirable quality education outcomes in terms of knowledge, skills, attitudes and behaviour at the end of a program completion. In class room teaching and at allied students activities with OBE objectives and making the associated efforts would achieve the desired goal. This entails a regular methodology for ascertaining the attainment of outcomes, and benchmarking these against the program outcomes consistent with the objectives of the program. The Institute adopts Outcome Based Education(OBE) and implements in teaching and learning process. Faculty members were trained in designing the courses and its syllabi to meet industrial and academic requirements of the students, justifying the Course Outcomes(CO) and mapping these CO with Program Outcomes(PO) and comparing the after assessment and evaluation process. Attainment of Course Outcomes would show the effective implementation of Teaching, Learning and Evaluation process to meet Outcome Based Education(OBE). Institute always thrives that educational quality must be measured by outcomes. Outcomes are dependent not only on inputs but also on the processes followed by an institution to convert

inputs into defined outcomes.

## 20.Distance education/online education:

The world has seen a new digital education revolution during COVID 19 world wide lockdown, during this period new online education tools has been revolutionarily developed and implemented very successfully. young generation also adopted without hesitation., In view of COVID19 coronavirus all over the country The new digital phase of 'New Normal life' and have taken centre of stage in students' life now. This 'New Normal life' is a transformed concept of education with digital mode of learning at the core of transformation. Online education allows students to attend classes from any location of their choice while it allows educational institutions to reach out to an extensive network of students, instead of being restricted by geographical boundaries. Students can interact with the teacher and get clarify their doubts through live chats or forums by staying at the comfort and safety of their home. On the positive note, online learning has made both teachers and students become more technology savvy. Both the teacher and the student community were quick enough to acclimatize with computers and smartphones. However, access to online education system still a challenge for many students due to various issues like power supply, internet connectivity and affordability of necessary devices. A robust and comprehensive strategy is the need of the hour at an institutional level to address these concerns. Online education has emerged as a suitable alternative amidst this chaos caused by the pandemic. It has become more of a necessity rather than an option. Hence the quality enhancement of online teaching-learning is at a very crucial stage. The institute offers many online lectures as well as usage of online class tools for effective utilization for preparation of notes, power point presentations, projects and internships.

## Extended Profile

### 1.Programme

1.1

Number of courses offered by the institution across all programs during the year

435

#### File Description

#### Documents

Data Template

[View File](#)

### 2.Student

2.1

Number of students during the year

2496

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	810
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	673
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3. Academic</b>	
3.1 Number of full time teachers during the year	156
File Description	Documents
Data Template	<a href="#">View File</a>
3.2 Number of sanctioned posts during the year	156
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4. Institution</b>	
4.1 Total number of Classrooms and Seminar halls	50
4.2 Total expenditure excluding salary during the year (INR in lakhs)	327.77
4.3 Total number of computers on campus for academic purposes	709

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

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

Vaageswari College of Engineering is an affiliated institution and adopts the curriculum designed by JNTU Hyderabad and follows the same. The curriculum is implemented both for UG/PG programs (B.Tech,M.Tech,MCA and MBA). For effective delivery of the curriculum, the following process is developed and deployed.

- As per academic calendar provided by the university is taken into consideration for making curriculum delivery plan. The academic calendar provides the date of commencement of the academic session, submission of mid-term exam marks, Parent Teachers meeting, the duration of the semester, the period of internal assessment tests, practical exam schedule, preparation holidays, final semester examinations etc. The University also declares the list of general and optional holidays to affiliated colleges.
- The academic performance of students is continuously and meticulously monitored by conducting special tests, Mid Term exams, during the semester to assess the attainment of Course Outcomes(COs). As the attainment of COs is the base for achieving the attainment of Program Outcomes, Program Specific Outcome and by which Vision and Mission of the institution, the institution takes all the possible measures to ensure the effective delivery of curriculum and attainment of COs for all the courses.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="#">View File</a>

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

An academic calendar is prepared by the concerned official at the beginning of each semester in line with the University's calendar consisting of various curricular, extra and co-curricular activities. The calendar is uploaded on college website, displayed on notice boards and is communicated to students through emails.

#### Compliance of Continuous Internal Evaluation with Academic Calendar

1. Classes and Lab time-table: Time table Coordinator of each department prepares the time table as per the guidelines of affiliating university for the number of credit hours for each subject and the academic calendar prior to the start of the semester.
2. Course files and Lecture Plan: After the allocation of subjects to faculty, course file of each subject is prepared

consisting of detailed teaching plan.

3. Internal Examinations: The internal examinations are conducted as per the affiliated university academic calendar.
4. Question Paper Setting: The question paper of internal exams is prepared by concerned faculties and is approved by head of the department.
5. Exam sheets evaluation: The answer sheets are cross checked in each department to ensure transparent and unbiased evaluation.
6. Assignments In addition to the tests, assignments are also the part of Continuous Internal Evaluation.
7. University Exams: The tentative dates for university exams are indicated in the academic calendar. The final university exam schedule is also displayed on students' notice boards.
8. Student Feedback: At the end of academic session students submit their feedback for each subject through online feedback forms maintaining complete anonymity

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

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

13

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

2128

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/ Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

The "Gender Sensitization" course is creating awareness among students about sensibility with regard to issues of gender in contemporary India. This provides critical perspective on the socialization of men and women. It helps the students attain how gender discrimination works in our society and how to counter it. Apart from this the institution formed Grievances Redressal Cell to provide counseling, promote gender equity and also deals with related issues of safety and security of students as well as to dissolve discrepancies among students and staff.

Human Values and Professional Ethics/Professional Ethics

The Institution integrates Cross-cutting issues of the society like Moral Values, Human Values, Professional Ethics, Ethical

Values, Gender Equality, Environmental Awareness, which are inseparable part of the curriculum in the course "Professional Ethics" students are imparted the importance of ethics in engineering profession.

**Environmental Studies/Environmental Science and Technology:**  
The course "Environmental Studies/Environmental Science and Technology", "Disaster Management" provides students with understanding of ecological balance for sustainable development, impacts of developmental activities and mitigation measures and environmental policies regulations.

**Moral Values, Human Values & Professional Ethics:**

The Induction programme is organized for students related to values and ethics is an integral part of the curriculum. The cross cutting issues such as Gender equality, Environment and Sustainability, Human Values and Professional Ethics courses are introduced by JNTUH.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

**445**

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

**722**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated inthe minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="#">View File</a>

### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

753

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

657

File Description	Documents
Any additional information	<a href="#">View File</a>

Number of seats filled against seats reserved (Data Template)

[View File](#)

## 2.2 - Catering to Student Diversity

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

The institute assesses students' learning levels through examinations, entrance exams, and induction programs. Faculty members prioritize addressing hurdles through multi-level strategies. Students are classified as slow, average, and advanced learners based on their performance in internal exams and feedback from teaching faculty, course coordinators, and department heads. Special remedial classes are arranged for slow learners to improve their learning, problem-solving, and presentation skills. Meanwhile, average, progressive, and advanced learners' needs are addressed through assignments, seminars, and peer-group discussions. Slow learners are further assisted through individualized counseling by the class in charge, with parents if needed. They are paired with good performers to enhance their learning abilities, inspired by soft skills like time management, anger management, problem-solving activities, team player attitude, adaptability, and active listening skills. Soft skills and inter-active communicative skills are effectively passed on to slow learners, and weak learners and rural students are converted into productive assets. Advanced learners are motivated to continue their higher level of learning through programs like coding contests, ORACLE certification, learning tools, business communication labs, and CATIA certification under CAD/CAM. Participation in technical, sports, quiz contests, and cultural activities helps slow and average learners become more motivated and perform well in academics.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/2.2.1-2021-22 c.pdf">https://vgsek.ac.in/uploads/2.2.1-2021-22 c.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
2496	156

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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 college's teaching-learning process aims to provide students with a blend of traditional and modern technical knowledge, making learning student-centric and rewarding. Cooperative learning, experience-based learning, and problem-solving methodologies are adopted to ensure holistic development and facilitate lifelong learning and knowledge management.

Cooperative learning involves designing solutions for complex engineering problems and designing system components/processes that meet real-time cases through group analysis and brainstorming. Teachers use Mind Map learning methods to show the overall structure of a subject and the relative importance of individual parts.

Project works involving latest technologies and advanced software are encouraged, with final year students investigating 40 to 50 different problems under the supervision of project guides. Industry interaction and summer training are mandatory, with industrial field visits, practical training, and internships at renowned institutions like BHEL, ISRO, NTPC, TCS, Infosys, ONGC, and CMC. Pre-employment training involves projects in collaboration with industry, and periodic guest lectures on relevant employment skills are provided. Experiential learning includes practical courses, virtual labs, and awareness about technical knowledge regarding maintenance and repairing activities of various equipment. Various learning methods, such as problem-based, case-based, project-based, inquiry-based, computation-based, and cooperative, are implemented wherever feasible.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.vgsek.ac.in/uploads/2.3.1-2021-22.pdf">https://www.vgsek.ac.in/uploads/2.3.1-2021-22.pdf</a>

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

In the past two decades, the study of engineering has seen a significant shift towards the use of computers and related software. Engineering now relies on computers for design, analysis, and creation, transforming the traditional drafting tools and engineers' ability to sketch and draw. This has led to the development of Information and Communications Technology (ICT) tools. Vaageswari College of Engineering has modernized class rooms with ICT tools to create an effective teaching and learning environment. ICT tools enable students to improve their learning abilities compared to traditional methods. These

resources are used for lectures, case studies, chalkboards, Google class rooms, concept maps, mind maps, YouTube-based teaching, social media, Google meet, Microsoft Team, Google forms, Delnet, project-based methods, and experience-based methods. ICT tools play a crucial role in polishing students' accents and their presentation skills, enabling them to compete in employability competitions. ICT tools are widely used for online courses, referring online journals, online tests, seminars, workshops, and presentation of research papers. ICT also enhances communication skills, enabling students to refine their reading, writing, speaking, and listening skills. Project-based learning methods, which involve participatory, discussion, and demonstration-based learning, help students develop critical thinking, communication, and group dynamics skills.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

156

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

156

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B

Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

#### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C

Superspeciality / D.Sc. / D.Litt. during the year

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

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

##### 2.4.3.1 - Total experience of full-time teachers

1118

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experiencedetails(Data Template)	<a href="#">View File</a>

#### 2.5 - Evaluation Process and Reforms

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

Vaageswari College of Engineering, affiliated to JNTUH, follows university regulations for syllabus, examination, evaluation, and degree awarding. The university issues an academic calendar for each year, including internal assessment, assignments, and other curricular and co-curricular activities. Transparency is maintained in the conduct and assessment of internal exams and assignments for theory, lab, project, and seminar. The faculty is audited by senior faculty to ensure syllabus coverage, course outcomes, and revised Bloom's taxonomy. The academic calendar layouts dates for internal assessment tests, projects, and term work submission. Internal assessments are conducted on a periodic basis over the entire semester, with evaluations for term work based on performance and evaluation of assignments, case studies, project-based learning, and experiments. Students are aware of their grades/marks obtained in a particular assignment or experiment, as the marks are awarded in front of them. Two internal tests are conducted for 35 marks, 5 marks for assignments, and an average of two tests is considered 40% of the total weight age in each theory subject along with the end semester examination of 60 marks. Parent teachers meetings are conducted in mid-semester to update parents about their ward's attendance and performance in internal assessment of all subjects.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://vgsek.ac.in/uploads/2.5.1_21-22.pdf">https://vgsek.ac.in/uploads/2.5.1_21-22.pdf</a>

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

Vaageswari College of Engineering has implemented a systematic assessment system to ensure the success of its students in both theory and practicals. The system empowers faculty with information to guide students towards academic success. Internal examinations, such as unit tests, assignments, lab continuous evaluation, and project evaluations, are conducted throughout the semester. Internal assessments (Mid 1 and Mid 2) are transparent and uniform, with key answers and question-wise marking schemes displayed on notice boards. Faculty evaluates papers within a week of test execution, and students can report any discrepancies. At the end of the semester, average marks of both Mid-tests are calculated and verified with students. Assignments are evaluated based on a rubric shared with students, focusing on timely submission, clarity, and neatness. The faculty evaluates lab experiments, assigning performance marks based on the rubric. Lab submissions are taken in LMS, such as Google Classroom, allowing students to reflect on strengths and areas for improvement. Project evaluations are conducted in front of a panel of faculty members, with rubrics designed for problem formulation, literature analysis, presentation, and team work. These systems demonstrate transparency in dealing with grievances related to internal assessment at Vaageswari College of Engineering.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://vgsek.ac.in/uploads/2.5.2-2021-22.pdf">https://vgsek.ac.in/uploads/2.5.2-2021-22.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

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

The college has established clear program outcomes, program specific outcomes, and course outcomes for all programs. Faculty members prepare course files and laboratory manuals at the start of the academic year, which include department vision, mission, course syllabus, individual time table, program objectives, mapping matrices, unit plans, lesson plans, course plans, unit-wise material, direct and indirect assessments, student grading sheets, surveys/feedbacks, and CO-PO attainment sheets. These outcomes are framed by the department offering the program after

rigorous consultation with faculty and stakeholders. The college's program outcomes are widely propagated and publicized through various means, including the website, curriculum/regulations books, classrooms, department notice boards, laboratories, student induction programs, parent meetings, faculty meetings, alumni meetings, and the library. Program specific outcomes (PSOs) are specific skill requirements and accomplishments for students at the micro level and by the end of the program. POs describe professional accomplishments that students aim to attain by the time they complete the program. Course outcomes (COs) are direct statements of essential and enduring disciplinary knowledge, abilities, and learning depth expected upon completion of a course. The POs/PSOs and COs are published through electronic media on the college website and promoted in all interactions with students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://vgsek.ac.in/uploads/2.6.1_PROOF_21_22.pdf">https://vgsek.ac.in/uploads/2.6.1_PROOF_21_22.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Course outcomes are defined and evaluated through program outcomes, which provide quantitative measurements of program outcomes. The performance of students in exams during each semester is used to compute the level of attainment of program outcomes (POs and PSOs).

The program coordinator prepares CO-PO & PSO mapping for all courses in the program in consultation with other faculty. Assessment methods include direct and indirect methods, with mid examinations conducted twice a semester and semester end examinations being descriptive.

Rubrics are formulated for the assessment of Laboratory, Mini Project, Major Project, Seminar, and Internship courses. Course outcomes are assessed based on set attainment levels, with a percentage of CO attainment set as the target. Practical course outcomes should satisfy at least one or more defined program outcomes, with a percentage of students scoring more than 80% in each measured criterion.

All courses contributing to the PO are evaluated through Course Outcomes using direct and indirect assessments. The overall results from assessments are compared with the expected attainment, and the PO is considered satisfied when the expected level is reached. If the target criterion level is not reached, the course coordinator takes necessary steps for improvement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.vgsek.ac.in/uploads/2.6.2_final.pdf">https://www.vgsek.ac.in/uploads/2.6.2_final.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

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

528

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://vgsek.ac.in/uploads/2.6.3_2021-2022_20240408_001.pdf">https://vgsek.ac.in/uploads/2.6.3_2021-2022_20240408_001.pdf</a>

### 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://vgsek.ac.in/uploads/2.7\\_student\\_satisfaction\\_survey\\_2021-22\\_Proof.pdf](https://vgsek.ac.in/uploads/2.7_student_satisfaction_survey_2021-22_Proof.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

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

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

8

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>
<b>3.1.2 - Number of teachers recognized as research guides (latest completed academic year)</b>	

### 3.1.2.1 - Number of teachers recognized as research guides

2

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

5

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://vgsek.ac.in/uploads/All Merger - Proof - 2.pdf">https://vgsek.ac.in/uploads/All Merger - Proof - 2.pdf</a>

### 3.2 - Innovation Ecosystem

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

Innovation is conversion of idea leading to improvement in way of doing things depending on availability of resources with guidance from those who are more experienced around us.

##### Objectives of the Cell

- To motivate students to bring out their hidden talents in various disciplines of Engineering,
- To provide platform to realize and believe in themselves.
- To empower students to become young entrepreneurs.
- To create an innovative environment for the students to discover, develop, deploy and express their skills and talents.
- To motivate students to take part in Hackathons & prototype development, Technical Tutorials.
- To encourage students to carry out their hidden talents in various disciplines of Engineering.

The institution offers training programs for students, focusing on innovation, entrepreneurship, and skill development. It provides facilities, guidance, and opportunities for students to

participate in technology usage for societal needs. The institution also organizes awareness meets, workshops, seminars, and guest lectures to develop entrepreneurial skills. It also hosts contests and competitions, invites local entrepreneurs, and has an Industry-Institute Partnership Cell for interaction with industries.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/3.2.1_AY_2021-22.pdf">https://vgsek.ac.in/uploads/3.2.1_AY_2021-22.pdf</a>

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

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

6

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### **3.3 - Research Publications and Awards**

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

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

4

File Description	Documents
URL to the research page on HEI website	<a href="https://vgsek.ac.in/uploads/3.3.1_AY_2021-22.pdf">https://vgsek.ac.in/uploads/3.3.1_AY_2021-22.pdf</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

257

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

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

**48**

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### **3.4 - Extension Activities**

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

The college organizes various extension activities to promote the institute-neighborhood community and sensitize students towards community needs. The college runs National Service Scheme Units, which conduct various extension activities in the neighborhood community.

These activities include residential seven-day camps, environmental awareness, women empowerment, national integrity, aids awareness, blood donation camps, and health checkup camps. The Indian government sponsors the National Service Scheme (NSS) as a public service program under the Ministry of Youth Affairs and Sports. The NSS aims to develop students' personality through community service, understanding their community, developing social and civic responsibility, mobilizing community participation, acquiring leadership qualities, democratic attitude, capacity to meet emergencies, and practicing national integration and social harmony. In Vaageswari College of Engineering, the NSS unit, under JNTUH Hyderabad, aims to develop leadership, patriotism, maintaining discipline, character building, spirit of adventure, and self-service. The college also organizes various programs to make students aware of social issues, such as environmental awareness, personal health and hygiene, diet awareness, road safety, tree planting, soil and water testing, plastic eradication, and more. These activities have a positive impact on students, developing their community relationships, leadership skills, and self-confidence.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/3.4.1_AY_2021-22.pdf">https://vgsek.ac.in/uploads/3.4.1_AY_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

**4**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

**7**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry,community etc for the during the year (Data Template)	<a href="#">View File</a>

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

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

**1754**

File Description	Documents
Report of the event	<a href="#">View File</a>

Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGOetc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

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

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

53

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

The institution is provided with good and modern infrastructure facilities for better teaching learning process. The campus is provided with excellent physical infrastructural facilities spread over 7.5 acres of land to support the teaching-learning process. The institution has total built up area of 28544 Sq.m. and carpet instructional area of 11880 Sq.m.

**Classrooms:** The institute has ample number of spacious and well equipped classrooms and the institute has well ventilated classrooms with proper lighting and acoustics. The dimensions of the classrooms are well designed for proper visibility and audibility of the board.

**Seminar Halls:** The college has sufficient number of seminar halls equipped with LCD projectors, WiFi, Audio, and ICT facilities to conduct various activities like conferences, workshops, guest lectures, webinars, and seminars etc.

**Laboratories:** The institute has well equipped laboratories with state-of-art infrastructure are established and maintained as per the curriculum activities.

**Computing Equipment:** The Institute has a well developed Computing resources which include 709 computer systems, server, scanners/printers, CD/DVD writers and accessories which are used for various purposes like Lab experiments, research activities, etc., The total internet bandwidth available in the institution is 1000 Mbps.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/4.1.1_proof2.pdf">https://vgsek.ac.in/uploads/4.1.1_proof2.pdf</a>

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

The institution has adequate facilities to promote sports, games and various cultural activities and offers the individually an opportunity for all-round development by enhancing self-knowledge, personality development, courage and social interaction. The sprawling play area for outdoor sports and indoor games room is provided with adequate seating arrangements and material to play. To develop team spirit, leadership qualities and organizing abilities among the students sports hour is included along with regular curriculum.

**EXTRACURRICULAR ACTIVITES:** The institute has an excellent in sports for both indoor and outdoor games. Indoor games room is available for Carom, Chess, Table Tennis, etc. Outdoor games are available for Kabaddi, Volleyball, Kho-Kho, Basketball, Badminton, Tennikoit and Throw-ball. College team participates regularly in these sports.

### INDOOR SPORTS

S. No	Facility	Year of Established	User rate
1	Carrom board	2006	20
2	Chess	2006	10
3	Table Tennis	2006	20

### OUTDOOR SPORTS

S.No	Facility	Area/Size	Year of Established	User rate
1	Cricket	11694 Sq.mts (radius =60m)	2006	60
2	Basketball	420 Sq.mts (l=28m, w=15m)	2006	40
3	Kabaddi	130 Sq.mts (l=13 ,w=10)	2006	42
4	Throwball	216 Sq.mts (l=18.30m, w=12.20m)	2006	40
5	Kho-Kho	448 Sq.mts (l=28m, w=16m)	2006	54
6	Volleyball	162 Sq.mts (l=18m, w=9m)	2006	30

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/4.1.2_sports_cultural_facilities.pdf">https://vgsek.ac.in/uploads/4.1.2_sports_cultural_facilities.pdf</a>

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

50

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/4.1.3_proof2.pdf">https://vgsek.ac.in/uploads/4.1.3_proof2.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

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

327.77

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (DataTemplate)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

To make the functioning of Central library easy, effective and automated, the institute has enabled the central library with NewGenLib and DELNET software's. The Library accommodates Faculty, Students and other Staff members to access various library facilities like:

- Books
- Journals
- e-books
- e-journals
- Rare Books
- Digital library service
- SWAYAM
- NPTEL
- SC/ST Book bank service
- OPAC (Online Public Access Catalog) service
- Thesis Reports carried out by Faculty

- Reports of project carried out by students
- Daily News Papers

The institute has a commodious Library with a total carpet area of 1050 Sq. mtrs. consists books of Engineering, Technology, Computer applications, and Management along with Journals, Magazines, Publications, Thesis, Project Reports, Rare Books. The reading room facility is available and can accommodate up to 160 people. Our Library consists of 7146 titles with 59,645 Volumes, 2438 e-books, 109 Journals and 10 Magazines along with Newspapers.

The NewGenLib software consists of modules on Acquisition, Cataloguing, Circulation, Article Indexing and OPAC. All the faculty, students, and other staff members are issued with Library account along with barcode, and books are enabled with barcode stickers and to circulate the books to faculty, staff and students, Laser Barcode Scanners are used to ease, accurate and speed up the circulation.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://vgsek.ac.in/uploads/4.2.1_IIMS_software_3m5qtv4fpygw4.pdf">https://vgsek.ac.in/uploads/4.2.1_IIMS_software_3m5qtv4fpygw4.pdf</a>

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)
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4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)
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8.32
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File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>

Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	<a href="#">View File</a>
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**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

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

602

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

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

Vaageswari College of Engineering is committed to modernizing IT infrastructure facilities, such as internet bandwidth, computer configuration, all the class rooms and seminar halls equipped with LCD projectors, and ICT facilities, among other things, in order to provide state-of-the-art infrastructure for the teaching-learning process. In means of providing internet access to students and faculty, the institute is well equipped adequate number of systems with internet connectivity. The university places a high value on cutting-edge infrastructure to enhance and enable successful teaching-learning practices. Each department's requirements for updating of existing IT accessories, as well as the procurement of new equipments, and upgrading to new softwares are collected at the begining of academic year and the same is processed thorugh proper channel.

The institute currently has about 709 systems with high configuration in various laboratories to fulfill the requirements of curriculum and content beyond the curriculum in order to make them current and industry requirements. The institute is committed to increasing internet bandwidth on a regular basis. To enable speedy internet access, internet bandwidth has been boosted to 1000 Mbps.

To accomplish 24x7 campus surveillance, CCTV cameras have been deployed in all notable and essential places. Because the IT area is rapidly expanding, the dedicated Network team is focused on improving IT infrastructure in order to give the best possible service to students. To conduct traning and placement related online exams, institution equipped all the computer labs with adequate facilities.

File Description	Documents
Upload any additional information	1. <a href="#">View File</a>

Paste link for additional information [https://vgsek.ac.in/uploads/4.3.1\\_proof2\\_3m5r1dnffqwwg.pdf](https://vgsek.ac.in/uploads/4.3.1_proof2_3m5r1dnffqwwg.pdf)

#### 4.3.2 - Number of Computers

709

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A.  $\geq$  50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

### 4.4 - Maintenance of Campus Infrastructure

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

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

9.42

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The institution constitutes a well defined process for the maintenance of its physical equipment, believing that regular maintenance of equipments ensure proper functioning for long period. The utilization of physical and academic facilities is taken care by respective section heads. There are standard operating procedures for proper utilization and maintenance of academic and other support facilities.

1. ACADEMIC SUPPORT: MAINTENANCE OF THE CAMPUS: Regular maintenance of electrical, plumbing, housekeeping, transport and

infrastructure in the entire college is supervised by the College supervisor. A team of around 20 women monitored by administrative staff regularly ensures the cleanliness and maintenance of the college. The common places, staff rooms and class rooms, laboratories, are cleaned daily and gardening is done periodically. To improve the physical ambience of the campus, several following initiatives are taken from time to time.

**CLASSROOMS:** At the beginning of each semester the readiness of the classrooms, ICT facilities and furniture are verified and also, all the classroom amenities are verified and maintained periodically to uphold effective teaching learning practice.

- **Maintenance:** Institution has a supervisor who regularly maintains the boards, benches, fans and lights. The black board, benches and windows are cleaned everyday by housekeeping staff.
- **Utilization:** As per the AICTE norms, each department is provided with the required number of classrooms for conducting class room activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/4.4.2 proof 2021-22 2.pdf">https://vgsek.ac.in/uploads/4.4.2 proof 2021-22 2.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

1380

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>
<b>5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year</b>	

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

678

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Data Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://vgsek.ac.in/uploads/proofs_2021-22.pdf">https://vgsek.ac.in/uploads/proofs_2021-22.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

305

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

305

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of**

**A. All of the above**

the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

305

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

12

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

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

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

2

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

Number of students qualifying in state/ national/ international level examinations during the year (Data Template)

[View File](#)

### 5.3 - Student Participation and Activities

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

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

**10**

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/ cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

Vaageswari College of Engineering (VGSE) provides opportunities for the students to grow part of academic and administrative bodies constituted for the advance of the institute. The students of VGSE involves in several student-related committees. These committees are formed by involving the faculty and student members of the institute. All these committees are headed by the Principal for proper monitoring and control. The following is the list of committees where the students are involved:

#### **Anti-Ragging Committee:**

This committee is formed to supervise the actions like teasing, treating, or handling with rudeness any student, indulging in rowdy or indisciplined activities within the institute premises. The committee members assist in strictly implementing the anti-ragging Act to make a ragging-free campus.

#### **Sports &Games Activities Committee (SGAC):**

The SGAC in the institute offers students both indoor and outdoor sporting venues for their use. Students are encouraged to take part in college-sponsored sporting events. The champions at the college level will be considered to compete at the intercollegiate and inter-university levels.

#### **Alumni Association Club:**

An alumni association is a group that was once a student or, more broadly, graduates. Social gatherings, newsletters, and fund-raising activities are usually planned by these organizations.

#### **Grievance Redressal Cell:**

The grievance redressal cell's role is to investigate and assess the merit of any complaints made by college students. Investigation of harassment-related issues is another duty of the grievance cell.

#### **National Service Scheme (NSS) Unit:**

The aim of this unit strives to inculcate in the student a sense of social responsibility and to encourage them to serve others without discrimination.

**Training and Placement Cell:**

A Training and Placement Cell has been established to aid students in refining their abilities and finding employment possibilities.

**Women's Protection Cell:**

To inform female students and employees of their legal rights and work to amplify their voices through initiatives that advance gender equality and women's welfare.

**Transport Committee:**

The college has a fully operational transportation department that uses buses to transport students and faculty to and from various locations.

**SC/ST and BC Cells:**

This cell supports the specific needs of students who fall under the reserved category and helps them make the best use of the advantages of the government of India's programs.

**Anti-Sexual Harassment Committee:**

To establish a safe environment that will discourage sexual harassment in both the physical and social environments. Also to encourage the creation of a sexually harassment-free environment.

**Internal Committee for the students with disabilities:**

For the benefit of its students with disabilities, the Vaageswari College of Engineering has established an internal committee. The primary goals are to address any issues and needs while ensuring that the Institute's campus is accessible to all disabled students who are enrolled in the college.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/5.3.2_2021-22.pdf">https://vgsek.ac.in/uploads/5.3.2_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)****5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

346

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	<a href="#">View File</a>

**5.4 - Alumni Engagement**

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

Vaageswari college of Engineering Alumni Association includes all passed out students of the institute. Alumni association is a liaison to communicate and seek cooperation from the alumni working in academic institutions, research organizations, government and non government organizations etc in India and abroad to coordinate with the institution and to give suggestion to the existing students. The association works for the cause of improving the quality of the learning environment in the institute.

The alumni of our institution are placed in reputed organizations like TCS, IBM, WIPRO, INFOSYS, COGNIZANT, Tech Mahindra, HCL, ACCENTURE, Banking Sector and Government Services etc. The executive body periodically organizes alumni meets in the campus. The Alumni help the students by sharing their knowledge and experience of latest technology and encourage students in developing entrepreneurship skills and also provide placement opportunity.

Alumni association works for organizing invited lectures, seminars, workshops, training programs for the purpose of overall development of students and staff of the institute. It also works to impart knowledge about the latest technologies to the students of this institute who are largely from a rural set up. It also renders possible assistance to staff engaged in teaching, training, research, governance, administration and other matters.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/alumni_2021-22_d0g9aac7j5kw.pdf">https://vgsek.ac.in/uploads/alumni_2021-22_d0g9aac7j5kw.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

**Vision:**

To establish an institute which promote emerging technical skills for rural students and there by transforming them into globally competent personalities.

**Mission:**

- To educate students towards excellence in cutting edge technologies
- To work in association with industry and making the students productive and industry ready
- To instill students learn ethical and moral values towards society.

**Objectives of the Institute:**

The institution aims to provide comprehensive facilities, including:

- Offering academic programs tailored to meet the demands of the modern environment.
- Fostering the development of technical competency and instilling a culture of quality consciousness among students.
- Creating a globally contemporary and conducive environment for both students and staff.
- Continuously updating academic infrastructure such as libraries, laboratories, and social service initiatives.
- Implementing effective and efficient teaching-learning practices.
- Providing effective guidance in personality development and career prospects.

The institute has a structured administrative setup led by the Board of Governors (BOG), which includes the Chairman, General Secretary, Treasurer, Principal, and members, with defined duties as per government regulations. The Governing Council ensures accountability to members, the government, and the community for maintaining academic standards and fostering institutional growth.

The institute offers relevant academic programs, fosters industry-institution connectivity, and raises community awareness about evolving educational needs. It updates infrastructural facilities, including lab

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.1.1 Minutes All llink.pdf">https://vgsek.ac.in/uploads/6.1.1 Minutes All llink.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The college has a plan to make things work smoothly and reach its goals. The principal, along with department heads, makes sure everyone follows the plan. Teachers work hard to make the programs better. The management makes rules and plans carefully, considering everyone's opinions, like students, alumni, industry, faculty, parents, and themselves.

Here's how each group helps:

**Students:**

1. They give feedback on teaching methods, and the college listens and tries new ways.
2. They suggest new courses, and the college adds them to stay updated.

**Alumni:**

1. They inspire students for their careers, and their suggestions help pick courses that match industry needs.

**Industry:**

1. They tell students about job trends and offer internships to prepare them for work.
2. They train students for technical roles and leadership positions.

**Faculty:**

1. They join committees to make sure everything runs well and suggest improvements.
2. They help design programs and make sure students learn what they need to.

**Management:**

1. They keep everyone working together smoothly for the college to grow.

**Parents:**

1. They want their children to have good careers and further education.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.1.2 committees link.pdf">https://vgsek.ac.in/uploads/6.1.2 committees link.pdf</a>

Upload any additional information

[View File](#)

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The college embarked on a five-year strategic plan spanning from 2012 to 2017, with a vision to provide holistic education fostering academic excellence and professional ethics in students. Additionally, the plan aims to integrate technology, cultivate global competence, and nurture entrepreneurship among both students and faculty members. The strategic plan encompasses key goals centered around knowledge creation, including Institutional Development, Infrastructure Development, Strengthening Faculty, Research and Development, and Training and Placement.

A strategic plan serves as a tool to assess effectiveness, identify deviations, and monitor the achievement of goals and targets. It fosters collective efforts across different levels of the institution.

**Training and Placement:** Students undergo various skill enhancement programs focusing on soft skills, management skills, leadership skills, aptitude, and interactive communication skills.

**Technical Clubs:** The college hosts clubs affiliated with prestigious societies such as the Institute of Electrical and Electronics Engineers (IEEE), Computer Society of India (CSI), and Indian Society for Technical Education (ISTE). These clubs promote cooperative learning, providing students with the exposure needed for higher education and career advancement.

**Industry Expert Interaction:** Experts from various industries are invited to deliver guest lectures, while industrial visits and internships are integrated into the strategic plan to provide practical exposure to students.

**Workshops and Seminars:** Technical workshops and seminars are organized, encouraging students to present research papers and participate in discussions within and outside the college.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.2.1_additional_info_link.pdf">https://vgsek.ac.in/uploads/6.2.1_additional_info_link.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The Sree Vaageswari Educational Society, founded in 2003 under the leadership of Dr. G. Sreenivas Reddy Garu, is dedicated to the pursuit of education with a vision to nurture professionals with scientific intellect, innovation, and imagination. The society operates under a structured governance framework with various key roles and functions outlined as follows:

1. Chairman of Board of Governors: - Presides over the meetings of the Governing Body. - Exercises powers and duties assigned by the Society, in line with relevant governmental regulations and university statutes.
2. Secretary and Correspondent: - Acts as the custodian of the College's funds and properties. - Ensures implementation of decisions made by the Governing Body.
3. Principal: - Serves as the Chief Academic Officer, responsible for the overall administration of the College. - Custodian of all College records. - Assists the Secretary and Correspondent in executing Governing Body decisions. - Regulates the work of all employees and sanctions leave and permissions.
4. Head of the Department: - Responsible for effective teaching, laboratory instruction, and student assessment within their department. - Engages with industries and other institutions for educational program planning. - Participates in administrative planning at departmental and college levels.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.2.2_Proof3_3m6foevmj54wo.pdf">https://vgsek.ac.in/uploads/6.2.2_Proof3_3m6foevmj54wo.pdf</a>
Link to Organogram of the institution webpage	<a href="https://vgsek.ac.in/uploads/6.2.2_Organogram_Proof1_d0n60pcuqelz.pdf">https://vgsek.ac.in/uploads/6.2.2_Organogram_Proof1_d0n60pcuqelz.pdf</a>
Upload any additional information	<a href="#">View File</a>

<b>6.2.3- Implementation of e-governance in areas of operation</b> <b>Administration Finance and Accounts Student Admission and Support Examination</b>	<b>A. All of the above</b>
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File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>

Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

Vaageswari College of Engineering prioritizes employee well-being by offering a range of monetary and non-monetary welfare measures. These include promotion and increments based on self-assessment, incentives for research publication, and financial aid for professional memberships. Transportation assistance and in-house skill development programs are also provided. Employees benefit from medical insurance coverage and access to the Employee Provident Fund. Various leave benefits, including special on-duty leave for professional development activities, are available. On-campus medical support and de-stress programs contribute to a conducive work environment. Professional Development Programs are organized regularly, and faculty members are encouraged to attend external development activities. Faculty members enjoy a four-week summer vacation after six months of service and have access to a Grievance Redressal Cell for prompt issue resolution. Overall, these measures reflect the institution's commitment to employee well-being and development, aiming to ensure a satisfied and effective workforce and contribute to its success.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.3.1_Summary_sheet_1av48bipalzyz.pdf">https://vgsek.ac.in/uploads/6.3.1_Summary_sheet_1av48bipalzyz.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

93

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference,workshops etc during the year (Data Template)	<a href="#">View File</a>

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

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

**14**

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or otherrelevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmesorganized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

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

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

**123**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or otherrelevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes duringthe year (Data Template)	<a href="#">View File</a>

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

The Institute prioritizes quality teaching and employs a robust performance appraisal system to enhance faculty development and student outcomes. Faculty and staff annually self-assess their performance using provided forms, evaluated by Heads of Departments (HODs) and the Principal. Feedback from students and parents supplements this process. These appraisals facilitate individual growth and institute improvement. Submitted self-appraisals undergo review by HODs, Principal, and Management, influencing career advancement. Student feedback also informs

assessments. Parameters for teaching staff include technical guidance, research, community involvement, and student feedback. Non-teaching staff are evaluated on responsibilities and willingness to contribute. HODs submit reports to the Principal for final evaluation. This system encourages professional development, fosters communication, and enhances the institution's overall effectiveness.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.3.5_Proof1_d0n6ldj7fyfz.pdf">https://vgsek.ac.in/uploads/6.3.5_Proof1_d0n6ldj7fyfz.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### **6.4 - Financial Management and Resource Mobilization**

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

Vaageswari College of Engineering maintains a clear and transparent financial system, ensuring responsible handling of funds and resources. Led by an accounts officer, the institution conducts an annual Internal Audit to uphold financial integrity. Proposals are made for various expenses such as laboratory equipment, library resources, salaries, infrastructure development, sports facilities, and maintenance.

Regular audits are conducted by the internal auditor to verify accounts and prepare audit reports. These reports are then submitted to the Principal for further action. Bills and vouchers are recommended by department heads, approved by the Principal and General Secretary, and audited by the internal auditor before payment. The accounts department meticulously records all expenses.

Before approving payments, the Head of the institution carefully verifies received materials and bills. Additionally, all bills and vouchers undergo regular auditing by the internal auditor. The institution's accounts are audited annually in compliance with government regulations. Prior to submission to the external auditor, the accounts department conducts an internal audit to ensure accuracy.

External auditors, appointed by the Educational Trust, conduct statutory audits by examining cash books, ledgers, bills, and other records. Any minor errors identified during audits are promptly rectified to prevent recurrence. The audited financial statements prepared by chartered accountants are presented to the Board of Governors for approval. Once approved, these statements are submitted to academic bodies at state and central levels, providing insights into fund management and aiding in budget preparation for the upcoming financial year.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.4.1_Audit_Statements_3m6fu1n1j5yc4.pdf">https://vgsek.ac.in/uploads/6.4.1_Audit_Statements_3m6fu1n1j5yc4.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

**3.9**

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies,individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

Vaageswari College of Engineering has established a comprehensive process to ensure the effective and efficient utilization of available resources. Each department assesses its infrastructural needs and other requirements, which are then considered for budget allocation. With the approval of the Board of Governors (BOG), recurring and non-recurring budgets are allocated to departments.

The institution emphasizes the optimal utilization of finances for academic, administrative, and developmental activities aligned with its vision and mission. A dedicated financial team ensures the efficient organization of funds, with financial planning prepared well in advance. Budgeting involves input from various academic departments and administrative sections to project revenue, general expenditure, and capital expenditure.

The institute's main income sources include student fees and reimbursements from the government. Additional income is generated by renting out infrastructural facilities for conducting examinations like GATE, TSPSC, SBTET, POLYCET, ICET, ECET, TSLPRB, etc. This additional income is optimally utilized for students' and faculty development activities, infrastructural maintenance and development, library and laboratory enhancement, scholarships for deserving students, and the maintenance of gym and other student facilities.

Vaageswari College of Engineering ensures transparent and efficient financial management to support its academic and developmental endeavors. Through careful budgeting, monitoring, and utilization of funds, the institution strives to enhance its educational offerings and overall student experience.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6..4.3_mobilisation_of_funds_d0nvt55o24cr.pdf">https://vgsek.ac.in/uploads/6..4.3_mobilisation_of_funds_d0nvt55o24cr.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell (IQAC) was established at Vaageswari College of Engineering in 2019 with the aim of enhancing the institution's quality initiatives. The college is committed to continually improving infrastructure, enhancing faculty competencies, and empowering students towards self-learning.

The primary task of the IQAC is to develop a system for conscious, consistent, and catalytic improvement in the institution's overall performance. It aims to contribute significantly during the post-accreditation phase by directing efforts towards promoting academic excellence.

### Objectives:

1. Ensure continuous improvement across all institution operations.
2. Assure stakeholders, including parents, teachers, staff, employers, funding agencies, and society, of the institution's quality and integrity.
3. Develop a quality system for consistent improvement in academic and administrative performance.
4. Promote measures for enhancing institutional functioning and institutionalization of best practices.

### Benefits:

1. Heightened clarity and focus in institutional functioning towards quality enhancement.
2. Internalization of the quality culture.
3. Enhancement and coordination among various institution

activities, institutionalizing best practices.

4. Provide a basis for decision-making to improve institutional functioning.

**Functions:**

1. Develop and apply quality benchmarks for academic and administrative activities.
2. Create a learner-centric environment conducive to quality education.
3. Collect and analyze feedback from all stakeholders on quality-related processes.
4. Disseminate information on quality parameters to stakeholders.
5. Organize workshops, seminars, and quality circles.

**Strategies:**

1. Ensure timely and efficient performance of academic activities.
2. Assure quality of academic and research programs.
3. Provide equitable access to academic programs.
4. Optimize modern teaching and learning methods.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.5.1_IQAC_Minutes_d0n6noy1j8o0.pdf">https://vgsek.ac.in/uploads/6.5.1_IQAC_Minutes_d0n6noy1j8o0.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Since the inception of the Internal Quality Assurance Cell (IQAC) in 2019, Vaageswari College of Engineering has remained committed to elevating the quality of education and nurturing a culture of excellence among its students and faculty. Several initiatives have been launched to institutionalize quality assurance strategies and enhance various aspects of academic and administrative functioning.

1. Industrial Engagement: The college actively encourages industrial engagement through training, internships, workshops,

visits, and guest lectures by industry experts.

2. Outcome-Based Learning: Emphasis is placed on implementing outcome-based education across all programs to improve learning effectiveness.

3. Soft Skills and Aptitude Classes: Classes are conducted to enhance students' personality traits and employability skills.

4. Participation in Quality Audits: The college participates in quality audits recognized by state, national, and international agencies like NIRF, AISHE, and others.

5. Institute Innovation Council (IIC): An IIC has been established under MHRD to foster innovation and entrepreneurship among students.

6. Quality Programs and Events: Various programs such as seminars, webinars, guest lectures, and conferences are organized to promote quality enhancement.

7. Stakeholder Feedback Mechanisms: Processes are established to collect feedback from stakeholders to continuously improve services.

8. Integration of ICT Tools: ICT tools are integrated into the teaching-learning process to enhance effectiveness.

9. Mentor-Mentee Process: A mentor-mentee process is implemented to provide support for student development.

10. Ragging-Free Campus: Efforts are made to maintain a ragging-free campus environment along with a grievance redressal cell.

File Description	Documents
Paste link for additional information	<a href="https://vgsek.ac.in/uploads/6.5.2_Course File Proof2_d0nvveaqyflr.pdf">https://vgsek.ac.in/uploads/6.5.2_Course File Proof2_d0nvveaqyflr.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://vgsek.ac.in/uploads/6.5.3_Collaborative_Initiatives_d0nvzrc12mnz.pdf">https://vgsek.ac.in/uploads/6.5.3_Collaborative_Initiatives_d0nvzrc12mnz.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The Institution ensures that there is a peaceful and harmonious ambiance to provide a confident atmosphere to our students. Gender sensitization programs are organized regularly by the Women Empowerment Cell to promote gender equity amongst the co-educational students, the cell designs relevant and outcome-based programs exclusively for the girl students throughout the year.

#### YOGA CENTR

The Institute initiates to promote Yoga and Meditation for peaceful mind of students and faculty by conducting separate sessions offenly preferably in the morning hours.

#### 1. Safety & Security:

The Institute takes sufficient measures towards safety and security of girls students, in this regard the institution takes precautions on continuos bases on girls students from their boarding point and inside the vechile.

#### 2. Counseling:

An active counseling system followed in the institution provides effective counseling including gender-sensitive issues to the

students.

### 3. COMMON ROOM

A separate common room for girls students with resting facilities like beds, sufficient number of chairs. Electronic Sanitary Pad Vending Machine installed in common room.

### 4. DAY CARE CENTRE

The Institution at high extends provides a Day Care Centre for the Female Faculty and staff members. Young childrens/Kids.

File Description	Documents
Annual gender sensitization action plan	<a href="https://vgsek.ac.in/uploads/7.1.1_proof_1_geotag.pdf">https://vgsek.ac.in/uploads/7.1.1_proof_1_geotag.pdf</a>
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://vgsek.ac.in/uploads/7.1.1_proof_2_ac_circulars.pdf">https://vgsek.ac.in/uploads/7.1.1_proof_2_ac_circulars.pdf</a>

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The Institution is conscious of its responsibilities towards the environment and works on the principles of three "R's" model to maintain an eco-friendly campus.

1. Reduce
2. Re-use
3. Re-Cycle

**Solid waste management:**

The solid waste generated in the campus includes food waste, cardboard material, paper waste, metal, wood etc.

- Single side papers are used for writing and printing circulars in all departments.

#### Liquidwastemanagement:

Liquid waste mainly consists of waste water from kitchen, washroom and mess. This waste water is carried through a sewerage system of underground pipes.

#### Biomedical waste Management:

- Biomedical waste is generated only in some particular areas like in chemistry lab and at the time of some particular event such as health day camp and blood donation camp and some medical field works where there is a use the masks, hand gloves, apronhead gears, eye covers.

#### E-wastemanagement:

The e-waste received at the institute includes batteries, up and discarded input devices such as mouse, keyboard, wires and cables.

#### Hazardouschemicalsandradioactivewastemanagement:

- Hazardous wastes are those that may contain toxic substances produced from laboratory wastes from chemistry lab. These wastes can react when exposed to corrosive, flammable, explosive or other materials.

File Description	Documents
Relevant documents like agreements / MoUs with Government and otherapproved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

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
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
7.1.5 - Green campus initiatives include	

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

A. Any 4 or all of the above

**copies of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**VGSE has established a multicultural environment for students and staff. Students are studying in a safe environment that allows for adventurous interactions. It promotes the bonding among all the students. The VGSE family shows immense pleasure and responsibility in the aspect of tolerance and harmony in the fields of cultural, regional, linguistic, communal socioeconomic diversities.**

**Efforts/ Initiatives taken:**

**Apart from these, the college organizes socioeconomic cultural programs**

**1. Tolerance and harmony towards cultural, regional, linguistic:**

**Ensure to develop harmony among the students to promote tolerance of different programs in the campus.**

**2. Socioeconomic Diversity:** This initiative has a great effect in various issues to create an inclusive environment that come from the background diversities in respect of cultural, regional, linguistic diversities.

**3. communal diversities- celebration of festivals:** to provide an inclusive environment, the institution celebrates important festivals like Bathukamma, Sankranthi, Ganesh Chaturthi, Holi, New Year, Ugadi etc., The people irrespective of their religion will participate in above said festivals. Students are actively participate in Rangoli and Mehndi competition which are celebrated for girl students to display their talent. The international festivals like Christmas, Ramjan are celebrated in the campus.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

Any other relevant information

[View File](#)

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

The College believe that any values and ethics are included and nurtured at the young age. Accordingly the institution putting its effort to make students feel responsible to the nation.

- discuss the growth of the demand for civil rights in India for the bulk of Indians before the arrival of Gandhi in Indian politics.
- Know the culture and constitution of India

Institute organizes various activities in the college to make the students and staff understand the constitutional obligations, values, rights, duties and responsibilities of citizens like safety awareness,

Awareness program on right to cast vote:

The institute organizes the awareness program on the importance of vote right emphasizing that casting vote to honest representatives is building corruption free country.

Awareness program on RTI (2005) :

The institute also holds meetings to discuss the importance and utilization of RTI in and beyond the campus. The students propagate the significance of the act raising slogans in the nearby villages.

A program to remind article 51(A) :

Citizens following the constitutional act or values can be responsible and patriotic. To achieve this, the discussion of 51 (A) holding meetings is very useful act of the institute that holds the meeting occasionally.

File Description	Documents
Details of activities that inculcate values; necessary to render students into responsible citizens	<a href="https://vgsek.ac.in/uploads/7.1.9_proof_1_geotag_d0gc3yzfyesv.pdf">https://vgsek.ac.in/uploads/7.1.9_proof_1_geotag_d0gc3yzfyesv.pdf</a>
Any other relevant information	<a href="https://vgsek.ac.in/uploads/7.1.9_proof_2_circulars.pdf">https://vgsek.ac.in/uploads/7.1.9_proof_2_circulars.pdf</a>

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this

A. All of the above

regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institution regularly organizes national festivals, commemorative days of great Indian personalities to promote national integration. Thoughts of great Indian personalities are seeded into the students' minds through the programs conducted in specific days. Since the institution believes these events transform the students' mind set, the students are encouraged to take initiative in conducting the events.

**International Yoga Day:** The International Yoga Day is celebrated on 21 June in VGSE campus to make students and staff realize the importance of yoga in daily life for physical and mental health, peace, harmony, happiness and success to every soul in the world.

**Independence Day :** Independence Day celebrations were conducted on 15 August. After the flag hoisting, the secretary sir enlightened the students on inculcating the values of past & learning from the great Indian freedom fighters.

**Engineers Day:** The institution celebrates Engineer's day in our campus on 15 September consistently as an exceptional tribute to the great Indian Engineer, Bharat Ratna Mokshagundam Visvesvaraya.

**National Mathematics Day:** National Mathematics day on December 22 every year. The day marks the birth anniversary of famous mathematician Srinivasa Ramanujan. The date as National Mathematics Day to honor the great man.

File Description	Documents
Annual report of the celebrations and commemorative events for the last(During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

**freeship program always strives to help student to achieve their career path by providing guidance, motivation, emotional support and role modeling.** The program allows for working in gray areas to discuss openly with older students and highlight the positive side of an individual. During the discussion, inputs are provided for the betterment of the consultant. Then the activities are planned keeping in view the overall need of the students.

**Evidence of Success.** The freeship program has been conducted for the last four years with necessary modifications. The success of the program is evident from the following areas of improvement  
**Increased attendance**

**2] Increased participation**  
**Improved performance in formative evaluation**

These observations are based on statistical data and feedback through various interactions and feedback from students such as industry, faculty, and parents.

**The Practice** The freeship program always tries to help the student achieve his/her career path by providing guidance, motivation, emotional support, and role modeling.

File Description	Documents
Best practices in the Institutional website	<a href="https://vgsek.ac.in/uploads/7.2_proof_1_3m4j6wtqd6ec8.pdf">https://vgsek.ac.in/uploads/7.2_proof_1_3m4j6wtqd6ec8.pdf</a>
Any other relevant information	<a href="https://vgsek.ac.in/uploads/7.2_proof_2_d0gbp7a9uad0.pdf">https://vgsek.ac.in/uploads/7.2_proof_2_d0gbp7a9uad0.pdf</a>

## 7.3 - Institutional Distinctiveness

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

Vageswari College of Engineering was established in 2003 with a philanthropic vision of making technological education accessible to the rural community for whom technical education was out of

reach. The vision of the Institute includes the following objectives: To provide a graduate with technical knowledge of the highest order to help them meet all kinds of business challenges in a real time situation.

To reinforce the learning environment, the following academic facilities were created:

1. Laboratories with advanced equipment
2. Classrooms with good ventilation and that are ICT enabled.
3. An open access computerized library with sufficient content for exploration.
4. Wi-Fi and internet connectivity which is a much-needed tool for the present times.
5. DELNET, National Digital Library, and INFLIBNET.

The practices that exist in the institute are:

1. Facilitating faculty with access to Wi-Fi, Internet and ICT-enabled classrooms.
2. Encouraging faculty for higher education in-service.
3. Mentoring responsibility.
4. Providing access to e-resources and reference books as required.

A number of student support systems were established in the institute to provide a value-based living possible.

Some such systems are:

1. NSS and NCC units to help establish campus-community linkage and inculcate values of social responsibility and nationalistic feelings.
2. Absence of gender discrimination on campus.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

#### 7.3.2 - Plan of action for the next academic year

The college made the following decision regarding its future course of action. 1. A rise in the quantity of patents, copyrights, research grants, sponsored initiatives, and internships. Should publish at least 500 highly indexed journals