YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN
• Name of the Head of the institution	Dr.KCK.Vijayakumar
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9443734562
• Alternate phone No.	9842761562
• Mobile No. (Principal)	9443734562
• Registered e-mail ID (Principal)	principal@vcew.ac.in
• Address	Elayampalayam
• City/Town	Tiruchengode/Namakkal
• State/UT	Tamilnadu
• Pin Code	637205
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	17/08/2012
• Type of Institution	Women
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr.M.Murugan**
• Phone No.	**7010989382**
• Mobile No:	**7010989382**
• IQAC e-mail ID	**iqac@vcew.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://vcenggw.ac.in/pdf/iqac/aqar/AQAR-2022-2023.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://vcenggw.ac.in/iqac.php#iv4

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	**A++**	**3.57**	**2023**	**02/08/2023**	**01/08/2028**
Cycle 1	**B++**	**2.82**	**2017**	**19/07/2017**	**18/07/2022**

6.Date of Establishment of IQAC	**05/01/2017**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Vivekanandha College of Engineering for Women	AICTE IDEA Lab	AICTE	05/05/2023	1,01,75,000
Vivekanandha College of Engineering for Women	UGC-2f and 12B	UGC	30/09/2015	Nil
Vivekanandha College of Engineering for Women	SIRO	DSIR	09/02/2023	Nil
Vivekanandha College of Engineering for Women	PG-CURIE	DST	18/10/2023	63,92,000
Vivekanandha College of Engineering for Women	MODROB	AICTE	04/12/2019	16,16,000

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	7
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year?	No
• If yes, mention the amount	

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

Conducted awareness induction program to faculty members and FDP on Human Values
Conducted ISO renewal audit and Academic and Administrative Audit
Conducted Students Orientation Program
Applied for NIRF ranking and autonomous Renewal
Applied and got NBA Accreditation under Tier-1 for the UG Programmes - CSE, EEE,IT, ECE and BT

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

Plan of Action	Achievements/Outcomes
Autonomous Renewal	Received Autonomy for 10 years (2023-2033)
NIRF Ranking	Received NIRF Band 151 – 300 under Innovation Category
NBA Accreditation for ECE	Accredited for three years with a score of 725
Induction Program for Newly Joined Faculty Members	Enhanced awareness of institutional values, teaching tools, academic standards, and improved preparedness for effective teaching and engagement
FDP on Human values	Enhanced understanding of ethical principles, social responsibility, and the integration of human values in teaching and professional practices.
FDP on Outcome Based Education	Enhanced understanding of designing curriculum, assessment methods, and teaching strategies that align with desired learning outcomes and student success
Renewal of ISO Certification	Successful re-certification and maintaining of ISO standards
Academic and Administrative Audit	Enhanced academic quality, governance, and operational efficiency

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

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing body	21/09/2024

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2023	05/04/2024

15.Multidisciplinary / interdisciplinary

Multidisciplinary education is an academic and pedagogical approach to develop multiple capacities in the intellectual, aesthetic, social, physical, emotional, and moral domains among the students inside and outside the classroom, by integrating formal and informal learning opportunities and teaching, research and community engagements and promoting cross-disciplinary and interdisciplinary perspectives and academic practice. NEP 2020 suggests that the colleges will be "gradually phasing out the system of 'Autonomous colleges' over a period of fifteen years" i.e. by 2035. The phasing out of the system of 'Autonomous colleges' shall be supported by the mentoring of the affiliated colleges by the respective affiliating university. We have mooted this to implement in our institution and various steps have been taken including attending seminars and conferences related to NEP 2020, identifying bench marks from various institutions for multidisciplinary courses and closely following the norms and regulations of the affiliating university.

16.Academic bank of credits (ABC):

As per UGC Notification (28th July, 2021) "Academic Bank Account" means an individual account with the Academic Bank of Credits opened and operated by a student, to which all academic credits earned by the Student from course(s) of study are deposited, recognised, maintained, accumulated, transferred, validated or redeemed for the purposes of the award of degree/diploma/certificates etc. by an awarding institution. Academic Bank of Credits shall be established on the lines of the National Academic Depository with a dynamic website providing all details of Academic Bank of Credits and its operational mechanisms for the use of all stakeholder of higher education. Academic Bank of Credits is essentially a creditbased, and highly flexible, student centric facility. The Institution has been in the process of getting approval to apply for registration with Academic Bank of Credits from statutory authorities such as Governing Council, Academic Council and university authorities.

Courses undergone by the students through the online modes through National Schemes like SWAYAM, NPTEL, V-Lab etc. or of any specified university, shall also be considered for credit transfer and credit accumulation.

17.Skill development:

Aligned with the vision of the National Education Policy (NEP) 2020, the institution emphasizes skill development as a core component of its academic framework. The NEP advocates for holistic and multidisciplinary education, fostering a blend of academic knowledge, practical skills, and values to prepare students for the demands of the 21st - century workforce. To this end, the institution integrates skill development into its curriculum through the introduction of career-track courses, tailored to meet diverse career goals. These include focused tracks for placement preparation, competitive examinations, entrepreneurship development, and higher studies, all designed to nurture critical thinking, problem-solving abilities, and creativity among students. The NEP's emphasis on vocational education is reflected in the institution's collaborations with industries and professional bodies to offer certifications in emerging areas like coding, AI, data analytics, and entrepreneurship. Internships, hands-on projects, and skill-based workshops further bridge the gap between theoretical learning and practical application. The institution also ensures the use of ICT tools and digital resources to enhance learning outcomes and provide equitable access to skill development opportunities. By fostering a multidisciplinary, flexible, and learner-centric approach, the institution aligns with NEP's vision, empowering students to become skilled, adaptable, and future-ready professionals.

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

NEP 2020 envisages a greater Promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of multi language and multi cultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in the immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestral values and knowledge in line with AICTE guidelines, the institution has introduced a mandatory course on 'Indian Constitution and Universal Human Values' for all the UG

students. To augment the lectures in the class room, standard text books on Indian Constitution and Universal Human Values' have been given to the students. Through the efforts of Fine Arts Club, competitions are being regularly conducted in the regional language viz Tamil/English on the contemporary topics of environment, energy conservation, etc., as well as of the topics on cultural and ethnic values of India.

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

Realizing the importance of Accreditation vis-a-vis Washington Accord, the college introduced the OBE concepts in its curriculum, Syllabi and evaluation. Five out of seven UG programmes (namely Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and B.Tech. Information Technology and ,ElBioTechnology) got accredited by NBA. In this process, the OBE has been implemented in all stages of Teaching-Learning Process. In line with the Graduate Attributes, PEOs and POs are referred in the NBA documents; markers have been developed and disseminated to the stakeholders. The PEOs have been established considering the factors such as Preparation, Core Competence, Breadth Professionalism and Life Long Learning. These are aligned with institute Vision and Mission and Departments' Vision and Mission. POs and PSOs have been mapped with PEOs. Course outcomes have been defined for all the courses and the correlation strength with various POs have also been specified. In the evaluation process (Continuous Assessment and Semester Examination), the performance of the students in each course is linked to the POs and there after the PEOs and attainment is evaluated. The loop is with feedback mechanism to monitor continuously and achieve Outcome Based Education. Various committees in the College and Department level, keep assessing the attainment every semester. Documentary evidences are maintained so as to have a peer level evaluation.

20.Distance education/online education:

There is a perceptible change in the modes of the Teaching-Learning all over the world and there is a significant shift from all class room teaching methods and it becomes mandatory Learning partly through classroom and partly through online Teaching. This is exhibited in the worldwide popularity of Online education like MOOCs, etc. India is also keeping abreast in this new paradigm. The Institution encourages the students and faculty members to register and write examinations under SWAYAM / NPTEL for several years. Under the autonomous system, necessary approvals have been obtained to include the Credit Transfer Scheme to the students of the Institution. Thus, the credits earned from SWAYAM / NPTEL are

considered as replacements of elective courses. The list of such courses are approved by the BoS before the beginning of the semester so that students can register to those courses which are relevant to the specific curriculum and not a repetitive / duplicative one in nature. The online courses have also enabled the students to complete the credit requirements in third and final year. Students can take up full time internship in suitable industries. This system of education benefits the students to acquire skills required by the industry and also provides a favorable career opportunity.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**12**

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

2.Student

2.1 Total number of students during the year:	**2145**

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

2.2 Number of outgoing / final year students during the year:	**493**

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

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**2125**

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

3.Academic

3.1 Number of courses in all programmes during the year:	**451**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**159**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**159**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**404**
4.2 Total number of Classrooms and Seminar halls	**47**
4.3 Total number of computers on campus for academic purposes	**782**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**953.07**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific

Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Choice Based Credit System (CBCS) is adopted for all the 12 programmes offered by the institution. The curricula of the undergraduate and postgraduate programmes are formulated as per guidelines of AICTE, Anna University and by taking inputs from various stakeholders namely, students, faculty, alumnae, and employers. The curricula are designed in line with the vision and mission of the institution to provide a holistic education to empower rural women. The curricula and syllabi are drafted by the Department Advisory Board (DAB). The drafted curricula and syllabi are presented for approval by BoS and then to the Academic Council and Governing body for their approval before implementation. The Board of Studies (BoS) revamps the curriculum and syllabus from time to time to develop the competency of the students. The course structure of the undergraduate and postgraduate programme comprises various categories like Humanities and Social Science, Basic Science, Engineering Science, Professional Core, Professional Elective, Open Elective Courses and Employability Enhancement. To maximize the potential and to improve the career improvement of young technocrats the Honors and Minor degree options are given to the students. The college has strategically developed a need-based curriculum to address the local, national, regional and global developmental needs with the standard programme outcomes.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C1/1.1.1/1.1.1-index.pdf

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

7

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development

offered by the Institution during the year

409

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

1.2 - Academic Flexibility

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

171

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

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

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human

Values, Environment and Sustainability, and Human Values into the curriculum

Vivekanandha College of Engineering for Women not only emphasizes knowledge acquisition but also focuses on promoting the crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment, and Sustainability. The college organizes various activities like induction and orientation programs, women's development, social service, awareness programmes, mandatory club activities. Professional Ethics: To instill Ethical, Moral, and Social values among students, courses like Professional ethics, Universal human values and Bioethics, IPR, and Biosafety are incorporated into the curriculum.

Gender: Ample opportunities are provided to the students to develop themselves in all aspects. Women Development Cell (WDC), NSS and YRC deal with issues relevant to gender, human values and ethics. International Women's Day is celebrated every year with active student participation. Invited lectures are arranged to encourage women students to explore opportunities in science and technology.

Human Values:

Indian Constitution and Universal Human Values' has been made mandatory courses for all UG programmes. Environment and Sustainability: The curriculum has various courses to address environmental and sustainability issues. For example, 'Environmental Science and Engineering' course is included as a mandatory course in all UG programmes. The institution has a Solar plant, Effluent water treatment plant and Rain water harvesting facilities to support an environment-friendly atmosphere.

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

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

22

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

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

1675

File Description	Documents
List of students enrolled	View File
Any additional information	View File

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

1220

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://vcenggw.ac.in/feedback.php
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://vcenggw.ac.in/feedback.php
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

585

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

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

370

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

2.2 - Catering to Student Diversity

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

Students from various demographic and academic profile join in theinstitution.An induction programme is offered to the firstyearstudents to know about the college, infrastructure facilities,academic and administrative regulations and procedures. Mentoring andconnecting with faculty members for the students from ruralbackground is themost important part of induction. Students

areassigned to identified facultywho act as their mentors. mentorsconduct regular meetings with their student mentees to monitortheir academic progress and for any personal counseling. A studentscoring less than 50% marks in internals is considered as anacademically slow learner. Mentors conduct regular meetings withtheir student mentees to monitor theiracademic progress and for anypersonal counseling. The HoD, class advisor, course teacher andMentors continuously keeptrack of the academic performance of thestudents A student scoring less than 50% marks in internalsis considered as an academically slow learner. Slow learners are motivated through 1.Induction Programme 2.RemedialClasses 3.Counselling through Mentors Advanced learners are encouraged to1.Attend Conference, Workshops and Internships 2.Attend Competitiveexams/Higher studies 3.Work with projects, patents and paperpublication 4.Attend Online courses, one credit courses andadditional courses 5.Peer Mentoring activities

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C2/2.2.1/2.2.1-index.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
13/09/2023	2145	159

File Description	Documents
Upload any additional information	[View File](#)

2.3 - Teaching- Learning Process

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

Experiential learning: Experiential learning is a process of doing and enhancingconceptual understanding in multipledomains. Each semester thestudents are given laboratory courses to practice thetheoreticalconcepts.Practice-oriented assignments are given to enhance thepractical knowledge of the studentsInternships and summerprojects are made mandatory for students to enhance

theindustrialexposure. Participative learning: Participative learning is enabled for the students throughTechnical Seminar, Group Assignments,Participation in Guestlectures,Seminar / Webinar, workshop, Paper presentation,paper publication,Project design contest, Technical clubactivities, Hackathons, Peer learning groups.Self-Learning: The faculty motivate the students to learnonline through NPTEL / SWAYAM portals to obtain certifications.This self-learning aids in credit transfer and is reflected inthe gradesheet. AICTE IDEA Lab of VCEW offers many competitions like HACKTHON,and Start-Up Mania,and students are also provided with theopportunities to interact with industrial experts persons. Problem-Solving Techniques: Problem solving exercises are designed and given asassignments .Through participation in myidea contest, Project designcontest, Technical club and cell activities and hackathons. Through online problem-solving platform such as Skillrack, the students enhance their coding and debugging skills. Courses like numerical ability, Verbal ability and Logicalreasoning are provided

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C2/2.3.1/2.3.1-index.pdf

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

Classrooms are furnished with LCD projectors to facilitate technicalpresentations Laboratories, Seminar Halls, Auditorium, Board Room and other conference rooms are equippedwith ICT tools and enabled Wi-Fi 24x7 Computer laboratories with high speed internet connectionare available for research MOODLE software learning managementsystem is customised to help faculty to create an onlineclassroomsetting. In-house LMS is used to map the test and exam questionswith COs and calculate COs, POs andPSOs attainment Domain mail idand web portal login provided to each and every studentto makeuse ofthe academic features like: profile, courses, internal marks. Express Pro- Digital Language Lab software & Express Pro Lite isemployed for listening andcommunication skill practice Google classrooms are used to post course contents, conduct quizzes e-PPTswith animations and simulations are utilized to inculcate theoretical concepts in a lucidmanner Smart classroom and mediacentre is available as additional learning resource to create videolectures Online e-resources like National Programme

onTechnology Enhanced Learning (NPTEL) and YouTube lectures are for effective teaching-learning process Advanced Digital Library ishighly active . IEEE xplore digital library, the electronicresource packages like DELNET are available.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C2/2.3.2/2.3.2-index.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

120

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

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

Preparation of Academic Calendar: Academic Calendar is prepared byIQAC consulting with Principal and CoE, specifically forearmarkingthe semester-wise schedules. The calendar is prepared toset the total number of working days as per theregulations and tofix the Internal and end semester examinations duly taking theNational & Publicholidays, Festival breaks, Summer vacation, inaddition to the College Fests, Training Programmes,PlacementActivities, etc. into contemplation.

Adherence to Academic Calendar :All activities are conducted by the respective HoDs/Controller of Examinations as per the academic calendar. The Principal conducts HoDmeetings on regular intervals to check the implementation andprogress of various activities given in the academic plan.Teaching Plan Course allotment for every semester is prepared by theHoD. For each course, teaching hours are allocated based on thenumber of credits. The faculty prepares a 'Lesson Plan' for boththeory and laboratory courses with thenumber of hours

`required tocomplete each unit / experiment. The Lesson plans are appended tothe subjectlogbook for ready reference by the faculty concerned. Thetopics covered, on the given day as per the timetable are entered inthe ''Record of Class work".`

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

`159`

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	[View File](#)

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

`45`

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

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

`4.61`

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

2.5 - Evaluation Process and Reforms

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

16

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

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

19

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

The institution continuously brings in reforms in the examinationprocedures and processes through ITintegration. It is implementedboth in Continuous Internal Assessments and End SemesterExaminations.CoE software is developed by our in-house softwaredevelopment cell. The institute received copyrightsfrom theGovernment of India for CoE office software. IT integratedExamination modules are listedbelow:

- Student database creation
- Course Registration
- Internal Test marks
- Exam application
- Hall ticket Generation
- Appointment orders for examiners
- Practical exam attendance entry
- Practical exam mark entry
- Examination Timetable schedule
- Question paper setters database
- Attendance entry for theory exam
- Dummy number entry for theory answer scripts
- Mark entry for theory exam by evaluators
- Result process and Analysis
- Result Publication
- Revaluation process
- Grade sheet Printing
- Consolidated grade sheet printing
- Rank sheet Printing

The impact of IT integration in examination modules are

- Students can register the courses in online
- Transparent assessment with monitoring
- Expeditious examinations process
- Valuation and Revaluation of the answer scripts made easy
- Students view the results through the website
- Expeditious result analysis process

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://vcewcoe.in/vcew_coe/index.php

2.6 - Student Performance and Learning Outcomes

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

The institution follows "Outcome Based Education" in alignment withthe National Board ofAccreditation (NBA) and accordingly, along withthe 12 Program Outcomes (POs) defined by NBA, 2 to 4ProgrammeSpecific Outcomes (PSOs) are framed for each programme. Thecurriculum composition iscarefully designed to attain the definedPOs and PSOs. The specific nature of the programme and its

impactupon completion is clearly described by theProgramme Outcomes,Programme Specific Outcomesand its respective Course Outcomes. Theinstitution's website www.vcewengg.ac.in contains all programmesCurricula and Syllabi with CO, PO and PSO for reference to allstakeholders. As per bloom's taxonomy, the COs are mapped withappropriate levels of Knowledge, Skill andAttitude domains (KSA) andmapped with appropriate POs on a 3-point scale (3-substantial,2-moderate and 1-slight). The framed COs are approved by the Boardof Studies.The POs and COs are published on the college website andcurriculum-syllabus book. The disseminationof the same to thestakeholders namely Faculty, Students, Alumni, Parents and Employeersis done as mentioned below: 1.Curriculum and Syllabus book2.Displayed on College Website 3.Presentation during the InductionProgramme 4.Displayed inHOD Roo,Class Rooms, Laboratories and Faculty Cabins

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C2/2.6.1/2.6.1%20c.pdf

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

Attainment of PO& CO: Attainment of Programme Outcomes are evaluatedbased on the Academic Performance through attainment of CourseOutcomes. 80% weightage is allotted for direct assessment and 20% weightage isallotted for indirect assessment.

1.Direct assessment(80%): The direct attainment of COsfor theory, practical and projectcourses are given below: The direct attainment of COs for Theory =50% of CA (Test 1,2,3 Marks Assignment/Quiz/Seminar/Fieldvisit/Model Development) + 50% of End Semester Exam The directattainment of COs for Practical = 50% of CA (Pre lab test,Implementation & Post Lab test) +50% of End Semester Exam The direct attainment of COs for Mini Project/Project = 60% of CA (ProjectReview 1&2) + 40% of EndSemester Project Viva Voce Exam

2. IndirectAssessment(20%): It is obtained through Course End Survey.

FinalAttainment of PO:Final PO Attainment = 80% of CO Attainment+

20% ofStakeholders Survey

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C2/2.6.2/2.6.2-index.pdf

2.6.3 - Pass Percentage of students

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

485

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C2/2.6.3/Anual%20Report.pdf

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://vcenggw.ac.in/NAAC/AQAR/2023-2024/C2/2.7.1/2.7.1-index.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Vivekananda College of Engineering for Women has established a sustainable research policy. It works to promote and encourage a research culture that will improve the professional skills of faculty which will ultimately help the institute to achieve its vision and mission.

The research efforts support the academic programme by expanding knowledge of faculty in their areas of specialization. As a result, the institution is effectively able to compete on a worldwide scale. The research efforts' strong suit is adhering to accept norms and criteria for the ethical and safe conduct of research. Research policy is made available on the institute website.

Research & Development Cell:

In order to create research facilities and upgrade promotional policies, a separate R & D Cell is functioning in the institute. The R & D cell provides support and guidance to the faculty and students to actively participate in research and innovative activities that is relevant to industry as well as society. The R & D Cell helps the scholars apply for copyrights and intellectual property protection also.

Research Promotion Policy

Faculties, research scholars, students, and other staff members who participate in any type of institutional research are subject to the institutional research policy, which has been developed. The institutional research policy should be adhered in all research end eavours. The institute updates the research policy and facilities for promoting research culture among faculty and students as and when required.

The research policy is disseminated to the stakeholders through website.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://www.vcenggw.ac.in/research.php#iv3
Any additional information	[View File](#)

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

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

6.65

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

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

4

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

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

71.77

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

12

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C3/3.2.2/3.2.2-index.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

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

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.tanscst.tn.gov.in/
Any additional information	View File

3.3 - Innovation Ecosystem

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

The Four departments namely Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Chemistry department of VCEW have been recognized as research centers by Anna University. Under this research centers, a significant number of research scholars are

doing their research program.

The following four activities are carried out in EDC during 2023-2024

Sl. No.	Date	Name of Programmes Organized	No. of Students Benefitted	No. of Staffs Benefitted
1.	14.09.2023	My Journey as Innovator	300	
2.	22.11.2023	International Women's Entrepreneurship Day	400	
3.	26.12.2023	Naan Mudhalvan Niral Thiruvizha Orientation	400	
4.				

`4.3.2024 to`

`16.3.2024`

`DST Sponsored Entrepreneurship Training - Faculty Development Programme (Online)`

`-`

`80`

`The following activities are Carried out by IIC during the year 2023-2024`

1. `Smart Saline Level Monitoring System - SIH SENIOR HARDWARE EDITION & HEXA- TITANS`
2. `Smart Steady Spoon – TANCAM`
3. `Green Building Innovations – TANCAM`
4. `Eco -Air Purifier - PALS Innovation`

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C3/3.3.1/3.3.1-index.pdf

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

`14`

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation	`A. All of the above`

of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

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

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

3.4.2.1 - Number of PhD students registered during the year

27

File Description	Documents
URL to the research page on HEI website	https://www.vcenggw.ac.in/research.php#iv8
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

58

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

43

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C3/3.4.4/3.4.4-index.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

45

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

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

3.4.6.1 - h-index of Scopus during the year

4

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

3.5 - Consultancy

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

0.50

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

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

4,29,697

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

3.6 - Extension Activities

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

Response:

National Service Scheme (NSS):

Service minded volunteers of NSS carried out different programmes such as Dental Awareness Camps, Eye Check up camp, Health care Awareness camp, and an awareness programme on how to harvest the Rainwater. Village cleaning camp also have conducted by NSS unit in the adopted village. Further, Voter awareness programme were conducted for youth students to realize the importance of voting.

Unnat Bharat Abhiyan Scheme (UBA):

In the academic year 2023-2024 various village developmental programme had been conducted viz. Cancer Awareness Programme, plastic usage and pollution awareness programme, Village cleaning programme, Merits and demerits of mobile phone usage, skin donation awareness, cyber security awareness for villagers, Machine vibration and health issue awareness programmes. Further, awareness rally were carried out in the successive academic years. To sum up, UBA aims at transforming the society at large.

Youth Red Cross & Red Ribbon Club:

Youth Red Cross Society and Red Ribbon Club of VCEW used to conduct awareness programmes such as HIV/AIDS awareness programme, Women health awareness programme, Fire safety Awareness programme and Blood Donation awareness programme. Further, organ and skin donation awareness programme also conducted in the adopted village.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C3/3.6.3/3.6.3-index.pdf

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

05

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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

22

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

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

1398

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

3.7 - Collaboration

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

68

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

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

10

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

```
Institution Infrastructure and Facilities

The institution spans 11.34 acres with a built-up area of 25,580.59
sq.m., offering well-equipped classrooms, laboratories, and other
essential amenities.

Classrooms: The institution has spacious, well-furnished, and
ventilated classrooms, with 80% equipped ICT-enabled facilities to
enhance the learning experience.

Laboratories: All laboratories are fully equipped with the latest
technology, including the AICTE-sponsored Idea Lab, supporting hands-
on learning.

Computing Facilities: Adequate computing facilities are provided to
meet student needs and facilitate effective teaching and learning.

Training and Placement Cell: The cell provides exclusive training
sessions, leading to a continuous rise in student placements through
campus interviews.

Library: The digitalized library is Wi-Fi enabled and equipped with
LAN-connected PCs, providing easy access to digital resources.

Transport, Medical, and Canteen: Transport services are available
for students and staff within a 150 km radius, with GPS tracking.
The campus also offers medical and canteen facilities.

Hostels: The institution provides well-furnished hostel rooms with
both double and four-occupancy options.

Sports and Fitness: Indoor courts for shuttle and table tennis,
along with a gymnasium, are available for student fitness.

Community Service: NSS, YRC, and other social services are actively
promoted.

Power Supply: The campus is supported by UPS systems and mobile
generators.
```

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/NAAC/AQAR/2023-2024/C4/ 4.1.1/4.1.1-index.pdf

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

Cultural, Sports, and Wellness Activities at the Institution

The institution offers a range of facilities to promote cultural, physical, and mental well-being.

Cultural Activities: An air-conditioned auditorium with advanced sound systems is available for cultural events. Three seminar halls, equipped with projectors and adequate seating, are used for workshops and conferences.

Yoga: A dedicated Yoga Hall is maintained for meditation and asanas, promoting mental and spiritual health. International Yoga Day is celebrated every year on June 21st.

Sports and Games: The institution emphasizes physical fitness. Indoor games like chess and carrom are provided in the college and hostels. Outdoor games are also encouraged, with large playing fields and coaching facilities for sports like volleyball, tennis, handball, kho-kho, kabaddi, and ball badminton.

Gymnasium: The gymnasium, located in the hostel, helps students maintain general health. It is equipped with fitness tools such as treadmills, trunk rotators, dumbbells, and cycles.

Auditorium: The air-conditioned auditorium, with a seating capacity of 3,000, is used for technical and non-technical events. It features a broad stage and provides ample opportunities for faculty and students to participate in diverse activities.

These facilities help ensure the holistic development of students, both academically and physically.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/NAAC/AQAR/2023-2024/C4/ 4.1.2/4.1.2-index.pdf

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

38

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

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

134.30

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

About the Library:Library is located in ground floor of the college premises with a total area of 583.15 sq.m housing 47515 books, 110 subscribed periodicals which include national and international journals as well as Magazines.

Automation:The Library is automated using 'Autolib' Software (Version 17.1) and it is updated regularly. Book issue, return, renewal, new arrivals, question bank and library member's details

are maintained in AutoLib.

Library management - Librarian make entry about member details, publisher's information, rules for issues and maintain reports/thesis and back volumes.

Books circulation – It is for Book issue, return, and renewal of book to the students and faculty members. The access given to library members to search for availability of books and on titles or authors.

Report generation -Consolidated report on various transaction happened during specific dates by an individual member.OPAC and E-gate Entry available

Reading hall :The Library has a reading hall where the members can refer costly books available as closed reference

Digital library :The institution has a digital library with Visual Learning Centre consisting of more than 20 computers with high speed internet of 152 Mbps to provide online access to e-resources such as IEEE ,DELNET and NDLI with audio facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/NAAC/AQAR/2023-2024/C4/ 4.2.1/4.2.1-index.pdf

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

A. Any 4 or more of the above

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

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals

during the year (INR in lakhs)

22.77

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

495

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

4.3 - IT Infrastructure

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

IT Infrastructure and Security in the Institution

The institution boasts robust IT infrastructure, including a 152 Mbps dedicated leased line internet connection (1:1) and use general internet access. Wired and Wi-Fi hotspots are strategically located across the campus and hostels, with Optical Fibre cabling ensuring seamless data connectivity. A sufficient budget is allocated for ongoing maintenance, and System Administrators oversee network operations, desktop troubleshooting, printer management, and CCTV systems.

IT security is prioritized with a "Tinywall" firewall to block unauthorized access and ensure user privilege control. Wi-Fi access is secured through password encryption. System Administrators monitor network performance, manage firewalls, and back up office files, databases, and library systems. Untrusted websites are blocked to safeguard users. The institution follows strict

cybersecurity norms, conducting regular awareness programs for students, especially given its focus on women's safety and prevention of IT misuse. Each user is assigned unique usernames and passwords.

IT infrastructure updates are continuous, including licensed software under the Microsoft Campus Agreement (MCSA) and regular hardware upgrades to support advanced technologies. Web cameras are provided for online exams and interviews. High-end servers are maintained to handle file, database, virus, and backup management, ensuring the institution's IT services remain reliable and secure.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/NAAC/AQAR/2023-2024/C4/4.3.1/4.3.1-index.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2145	782

File Description	Documents
Upload any additional information	[View File](#)

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

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and	A. All four of the above

software for editing

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://vcenggw.ac.in/NAAC/AQAR/2023-2024/C4/4.3.4/4.3.4-index.pdf
List of facilities for e-content development (Data Template)	[View File]()

4.4 - Maintenance of Campus Infrastructure

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

279.07

File Description	Documents
Audited statements of accounts	[View File]()
Upload any additional information	[View File]()

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

Maintenance Policy

Campus and Infrastructure Maintenance:The campus maintenance section, headed by a campus maintenance engineer, oversees the upkeep of plumbing, carpentry, electrical, sewage, and other infrastructure. Regular cleaning of classrooms, academic buildings, hostels, and canteens is managed by the housekeeping team. Water coolers and RO water plants are maintained regularly.

Classroom and Laboratory Maintenance:Classrooms and laboratories are maintained to ensure cleanliness and functionality. Laboratory maintenance, including calibration and repairs of equipment, is supervised by lab technicians and HODs. Specialized service providers handle sophisticated equipment maintenance.

Library Maintenance:The central library is managed by the librarian, supported by the staff, who ensures the proper stock of books and journals. The procurement of new books is done in coordination with department staff and approved by the principal.

Computer and IT Infrastructure Maintenance:Computer labs are maintained by system administrators and assistants, ensuring optimal performance of systems and accessories. Regular diagnostics and repairs are carried out, with service registers kept for all issues.

Hostel, Transport, and Sports Maintenance:Hostels are cleaned and maintained regularly. The transport facilities are managed to ensure safe operation, while the sports facilities are maintained by the sports department.

Security and Fire Protection:CCTV cameras monitor campus security, and fire extinguishers, along with fire protection systems, are regularly checked and serviced.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/NAAC/AQAR/2023-2024/C4/4.4.2/4.4.2-index.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1310

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

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

1198

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C5/5.1.3/5.1.3-index.pdf
Details of capability development and schemes	View File
Any additional information	View File

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

1520

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

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

421

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

5.2.2 - Number of outgoing students progressing to higher education

26

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

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

35

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

5.3 - Student Participation and Activities

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

13

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

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

Vivekanandha College of Engineering for Women (Autonomous) has an energetic students' council that includes office bearers from each department association. The executive members of the association are elected by the department students democratically as per the college rules and procedures. The executive council members of the association elect its President, Vice President, Secretary, Joint Secretary, Treasurer, and Joint Treasurer.Students council members collect feedback about the curriculum and syllabi from classmates and represent the same in Board of Studies (BoS) and Academic Council (AC). Suggestions / Grievances are registered in Class Committee Meeting,IQAC Meeting,Anti Ragging Committee Meeting,Internal Complaint Committee.Professional Societies and clubs play a major role in enhancing the leadership qualities of the students. Various clubs and professional societies, which are functioning in the Institute, are listed below: Coding Club,Green Club,Intensive Mobile Application Club(I-MAC),Genov Club,Eco Club,BioSpectra Club,Embedded Club,IoT Club, Yoga Club,Renewable Energy Club,Electric Vehicle Club,Self Development Club,Toastmasters club,Digital Divas Club,Trendy Tech Club, Cultural Club,R&D Cell,Women Empowerment Cell.Students volunteer in various outreach activities through NSS, YRC,RRC,UBA. Students are active members of various professional societies such as ISTE, IEEE, IETE and IEI, CSI, IET etc.,These societies also play a major role in organizing

various technical and non technical events in college level.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C5/5.3.2/5.3.2-index.pdf

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

26

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

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

VCEW Alumni Association:The Alumni association of the college was established in February 2005. VCEW Alumni association has more than 7800members. It was registered in the year 2017 (Registration number: 34/2017). The association endeavors to strengthen it's ties among members by sharing the views about industry scenario, which will increase the bonding between alumni and Institution.Alumni meetings are conducted regularly through online and offline mode to share the experience and knowledge to the existing students.Alumni Association promotes and encourages the alumni to render professional knowledge by organizing conferences, seminars, Guest lectures and webinars.

Alumni Contribution includes the following, As part of Board of Studies (BoS), the alumni are involved in Curriculum framing, syllabus-content creation and revision Process,Motivates the budding engineers to become a competent engineer by sharing their professional experience,Offering lectures in the current technologies through real time applications & Projects,Help students to get placement in MNC's by conducting mock interviews,Alumni visit college for campus recruitments and give referral to the existing

students,Provides financial contribution to alumni association every year,Alumni are invited to share success stories and motivate the students,VCEW Alumni Association takes up initiative for providing internship opportunities and also to facilitate industrial visits for students

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[https://www.vcengqw.ac.in/NAAC/AQAR/2023-2024/C5/5.4.1/5.4.1.pdf](#)

5.4.2 - Alumni's financial contribution during the year	**D. 2 Lakhs - 5 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

VISION

To impart value based education in Engineering and Technology to empower young women to meet the societal exigency with a global outlook.

MISSION

- **To provide holistic education through innovative teaching learning practices.**
- **To instill self confidence among rural students by supplementing with co-curricular and extracurricular activities.**
- **To inculcate the spirit of innovation through training, research and development.**
- **To provide industrial exposure to meet the global challenges**
- **To create an environment for continual progress through life-long learning**

The college is committed to the social upliftment of the students in tune with the Vision and Mission statements. The administration ensures quality and excellence in teaching, research and outreach activities.

The Governing Body chaired by the Chairman and Secretary is the policy making body which meets twice in a year to review the policies, strategies, achievements, budgets and plans. The Academic Council chaired by the Principal meets twice in a year and focuses curriculum design, teaching-learning and evaluation process. The suggestions of the experts help to provide the inputs for academic improvement.

The IQAC monitors the quality of all activities ofthe institute by conducting audits, awareness programmes, student feedback, student surveys, and training programmes for the faculty and staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.1.1/6.1.1-index.pdf

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

The institution promotes participative and decentralized administration which is duly guided by the administrative members consisting of the Chairman, Executive Director and the Principal. This is achieved by adequate representations assigned to the faculty and students at appropriate levels.

Decentralization

Decentralization of academic activities and empowerment of the faculty through delegation of authority.

To develop leadership skills additional responsibilities are given to the faculty in the form of coordinators of various cells and heads of several committees.

Participation of students in decision making by ensuring constructive feedback and class committee meetings.

Involvement of faculty members in OBE syllabi preparation as part of BoS

Deliberations with all the members of faculty about academic and research activities during the faculty meeting.

Each department has its own association and is administered by student office bearers like Secretary, Joint Secretary, Treasurer and Executive Members

Participative Management

The College ensures equality at all levels from academic to administrative positions. A transparent mechanism is being adopted for executing the operations of the day-to-day activities and to take vital decisions. The Chairman and the Executive Director interact with the Principal, Heads of the departments and the teaching fraternity, on a continuous basis, as a part of participative management. The Principal conducts meetings for section heads and administrative staff to discuss the day-to-day management. Top level financial decisions are taken collectively after necessary discussions at the finance committee meetings.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.1.2/6.1.2-index.pdf

6.2 - Strategy Development and Deployment

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

The successful accomplishment of deriving the best from any system requires the designing of a fool proof plan. The development and growth of the institution depends on the effective strategic plan and its implementation. The college has well defined strategic plan which was framed based on the various input and suggestions received from the stakeholders of the institution. It was implemented towards the holistic development and it focuses on

- Infrastructure Development
- Teaching- Learning Process
- Students Development
- Faculty Development
- Co-curricular Activities
- Extra Curricular Activities
- Research and Development Strategy

In all the departments, faculty clusters are formed based on the area of specializations of the faculty members to enhance the research activities. For example, in the Department of Electronics and Communication Engineering, three different domain-specific groups have been established to carry out research-related activities for the benefit of both students and faculty members. Communication and Networking, VLSI signal processing, and Embedded Systems are the three areas of specialization.

The smart classrooms make the teaching-learning process highly efficient. All the classrooms have high-quality projectors that can produce stunning images, videos and also broadcast the contents of the computer. Students can listen and see countless examples to understand concepts by looking at slides, videos and other AV modules offered by the faculty.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.2.1/6.2.1-index.pdf
Upload any additional information	[View File](#)

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

The Governing Body is the apex body to enforce the policies and strategies. The Chairman and Secretary is the chairperson of the Governing body of the College. He is the deciding authority to enforce all policies, recruitments, service guidelines, and infrastructure amplification.

The Executive Director directs and evaluates the academic plans and maintains the best outcome of the Teaching-learning process strengthening research activities.

The Chief Executive coordinates the infrastructural development and facilities.

The Principal looks after the administration regarding policies, department programmes, recruitments, compliance, support, and retention. He also maintains communication with Placement Director, Heads of the departments, Admission Coordinators, other administrators, and all teaching and Non-teaching staff members on matters of concern to the college.

The Principal, Heads of the Departments and other faculty members are appointed by the Governing body. The Principal is the Executive authority responsible for running the college as per the statutory regulations.

The IQAC, following the NAAC guidelines, spearheads all the quality improvement and sustenance programs and activities.

The Controller of Examinations is in-charge of examinations and ensures adherence to the academic calendar conducting internal and end semester examinations and declaration of results.

The Heads of Departments coordinate the activities of thedepartments.

The Coordinators of all cells, committees and clubs plan the annual activities meticulously.

The College Office, headed by the Office superintendent, takes care of all administrative activities with the consultation of the Principal and approval of the management.

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.1.2/Organizational%20Chart.pdf
Upload any additional information	View File
Paste link for additional Information	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.2.2/6.2.2-index.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Effective Welfare Measures

- **The institution has welfare measures and schemes both for teaching and non-teaching staff.**
- **Staff quarters is made available both for teaching and non-teaching staff.**
- **Free medical facility to all the employees and students in Vivekanandha Hospitals.**
- **Free transport facility for all the employees and students of the college.**
- **The wards of the employees are given concession of their educational fee.**
- **Registration fee and TA/DA given to staff who present papers in conferences as well as seminars.**
- **The amount spent on publishing papers in National and International Journals are reimbursed.**
- **Group insurance is also offered to all the employees of the college.**
- **The employees of the college shall be entitled to the benefits of provident fund.**
- **Casual Leave, Medical leave, Earned leave and Maternity leave are provided to all staff as per norms.**
- **3 weeks and 2 weeks of vacation during the summer and winter respectively are given to staff.**
- **Staff Welfare Club is functioning for the recreation and rejuvenation of the staff.**

Career development

- **The faculties are encouraged to register for Ph.D. while working in the institution. The college reimburse the fees.**
- **Faculties who are doing Ph.D. are eligible to claim six days on duty leave to attend doctoral committee meetings, course work examinations and attending conferences.**
- **The non-teaching staff are encouraged to improve their qualification.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.3.1/6.3.1-index.pdf

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

90

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

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

20

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

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction

Programmes, Refresher Courses, Short-Term Course, etc.)

`100`

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has established mechanism for conducting internal and external audits on the financial transactions to ensure financial compliance. The College follows all statutory requirements for audits and accounting practices. Internal audit is conducted by the financial department of the institution. The department thoroughly verifies the income and expenditure details and the compliance report are submitted to the Management through the Head of the Institution. External audit is conducted periodically by the appointed auditors.

Process of the internal audit:

All vouchers are audited by the financial department on regular basis. The expenses incurred under different heads are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the Head of the Institution.

Process of the external audit:

The accounts of the Institution are audited by chartered accountant regularly as per the government rules. Discrepancies during the audit are discussed and sorted out with the supporting documents.

Mechanism for settling audit objections

During audit, the queries raised by the chartered accountant are addressed by the finance department. Explanation to the queries has to be given within 15 days time and rectification entries are to be done within 10 days. Auditor reviews the audited financials, and

after discussion with the Management, signs the financials, before filing returns with the Department of Income Tax.

The Institution has not come across any major audit objection during the preceding years.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.4.1/6.4.1-index.pdf

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

0

File Description	Documents
Annual statements of accounts	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	[View File](#)

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

The Institution has well-defined financial structure to ensure effective and optimal utilization of resources for academic, administrative, development and maintenance purposes.

Finance committee:

The Governing body and the Finance Committee of the institution takes decision on financial and related matter. Financial Committee has the responsibility for planning, implementing, and managing all the financial resources. It reviews the funding pattern, provides guidelines and strategies for mobilizing resources to support the implementation of the Institutions strategic plan, and the fulfilment of its Vision and Mission.

Fund mobilization:

Broadly, major internal resource mobilization is in the form of Academic Receipts (Admission fee, tuition fee, examination fee, etc.,). Meanwhile, the external sources of finance are research grants, scholarships, consultancy, revenue collection in the form of deposits (loans from banks) etc., to meet expenses.

Fund allocation:

During the budget preparation, all the academic, department heads and various cell in-charges are requested to provide the annual budget requirements keeping in view of development and updating of laboratories, consumables, computing facilities, library, teaching-learning process, training, extension activities, software and etc.,

Fund utilization:

Financial Committee keeps track of the budget throughout the year and confirms adequate resources are spent for teaching-learning practices, salary and wages, library facilities, day-to-day operational and administrative expenses, maintenance charges, purchase/up-gradation of laboratories equipment, etc.,

Audits

Internal and external audit are carried out promptly and audit objection are taken care of.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.4.3/6.4.3-index.pdf

6.5 - Internal Quality Assurance System

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

To establish the standards in academics as well as in administration, it is essential to monitor continuously. To enhance the continual quality improvements in the academic process and also to follow the pre-accreditation exercise, the Internal Quality

Assurance Cell (IQAC) is functioning in our institution since 2017.

The following initiatives are taken continuously after the formation of IQAC Cell:

- Outcome based education
- Course Outcomes attainment and their refinement
- Value Added Courses
- Implementation of CBCS
- Introduction of open electives and increase in number of professional electives
- Internship is made mandatory
- More number of industrial/field visits
- Examination reforms
- Biometric attendance system for Teaching and Non-teaching staff
- Participation in NIRF, ARIIA and Magazine ranking process.
- ISO
- Extension Activities
- NPTEL Credit Transfer
- Establishment of AICTE IDEA Lab

Institutional Academic Audit and outcome enhancement

Audit for academic activities is conducted annually with external experts to measure the outcome of all academic related activities.

They are as follows:

Percentage of admission of first year students, academic performance of the students, attainments of Course Outcomes and support for preparation for GATE and competitive examinations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.5.1/6.5.1-index.pdf

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

With the help of the Internal Quality Assurance Cell (IQAC), the institution prioritizes improving its operational procedures,

teaching-learning processes, and learning outcomes through a systematic and regular evaluation mechanism. In line with prescribed norms, the IQAC actively engages in evaluating academic and administrative practices to ensure their relevance and effectiveness. This entails gathering thorough input from all stakeholders, such as students, Faculty, and alumni, in addition to analyzing curriculum delivery, evaluation strategies, and student performance in-depth.

The IQAC holds regular meetings to identify areas for improvement and offer creative solutions to improve educational quality. These include embracing modern pedagogical techniques, utilising ICT resources, and integrating skill-based learning modules that are linked with industry standards. Workshops, seminars, and training programs are also organised to help students improve their skills and build a culture of continual learning.

The results of these evaluations are documented and shared with stakeholders to ensure transparency and accountability. The institution's dedication to quality assurance boosts academic standards while also increasing student involvement and success. By creating a dynamic teaching-learning environment, the institution ensures that its graduates have the information, skills, and values needed to succeed in a fast changing global landscape.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C6/6.5.2/6.5.2-index.pdf

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

File Description	Documents
Paste the web link of annual reports of the Institution	https://vcenggw.ac.in/iqac.php#iv7
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Vivekanandha College of Engineering for Women is being a women institution not only sensitize students on gender equity but also to create awareness and sensitize about opposite gender so that they can easily adopt in the workplace.

Curricular and Co-Curricular Activities:

Programs and workshops are organized with a focus on empowering and encouraging female students to participate. Women's Day is observed by welcoming and honoring female achievers from different walks of life

Facilities on Campus

Safety and Security

- Surveillance camera and biometric systems are installed in the main gate, hostel gates to ensure safe check-in and check-out of girls
- sick-room facilities is available within the campus.
- Hospitalsare available in the campus.
- Security Guards monitor on 24*7 basis by complete security patrolling over the campus.

Counselling

- Mentor is allotted for every 15 -20 students. They provide personal and psycho-socio guidance to the student

- **Supervisors have been appointed in the hostels to address the needs of girls**

Common Room:

- **Space for the visitors near HoD and Principal cabin**
- **Separate wash rooms for male and female in the academic block**

Grievances Cell:

- **Anti-Ragging committee formed eradicates the ragging activities**
- **Women Empowerment Cell is available for the welfare of the women students/faculty/staff**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://www.vcenggw.ac.in/NAAC/AQAR/2023-2024/C7/7.1.1/Specific_Facilities.pdf

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

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

To achieve the national mission of clean and green environment, several activities are implemented

Solid Waste Management:Solid wastes are collected from hosteland college premises every day by housekeeping staff members and are segregated into biodegradable and non-biodegradable waste in separate garbage bins and are disposed of accordingly as per the guidelines.

Liquid waste management:.The liquid waste is redirected to Sewage Treatment Plant which is exclusively setup within the campus.

Biomedical Waste Management:In order to dispose the sanitary napkin waste generated inside the campus , there is an Incinerators used to incinerate the sanitary napkins, which is placed in ladies rest rooms in academic block as well as Hostel

E-waste management:The Computers that are available in old version are transferred to our sister institutions for practical and project purposes.

Periodic checking ensures the proper disposal of non-working electronic items.

Water Recycling System:Water from the kitchen,washbasin, bathrooms of the hostel is sent to the Sewage Treatment Plant for the recycling process.Further, the recycled water is used for gardens, landscapingand vegetation

Hazardous chemical and radioactive waste management:These wastes are generated in a very little quantity and it is disposed properly and treatment is done at our hospital unit.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

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

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

Vivekanandha College of Engineering for Women caters to an inclusive environment with diversity in terms of culture, region, linguistic, communal, socioeconomic, and other aspects. All are given the opportunity to engage in various activities that promote social harmony.

Efforts to handle Cultural diversity

To accommodate the cultural diversity of students, by encouraging them to exchange the cross cultural ideas and celebrate different cultures' festivals and values.The cultural festivals greetings are exchanged by faculty and students during festivals like Pongal, Onam, Dudsera, religious festivals such as; Ramadan, Bakrid, Christmas, Easter Sunday etc.VCEW promotes values that are concerned with being rooted in contemporary contexts on various social issues such as gender equity and environmental sustainability through tree plantation,saving of water,clean India campaignsand non-use of plastics campaigns.

Efforts to handle Linguistic diversity: In order to manage a diverse workforce, VCEW always ensures culturally inclusive communication with employees and students. To overcome language barriers through TOSTMASTER Club, all procedures safety rules, and other important information are properly designed.

Efforts to handle Socio-economic:VCEW has taken initiatives to accommodate student from socio-economic groups by offering fee concessions and scholarships for admitted students.

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

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

VCEW undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens.

Curriculum

In order to create Sensitization of students and employees of the institution to constitutional obligations,college offers courses in Environment Science Engineering, Indian constitution & Universal HumanValues, Professional Ethics & Human Value and Entrepreneurship Development.

Yoga

Our college offered Yoga training program to the students for every year. It supports the holistic development of the personality by improving the health of the body, mind, and heart.

Constitutional Values

Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight sacrifice of the martyrs and freedom fighters and importance of Indian constitution.

Social Responsibility and Duties

The students gained a clear understanding of their obligations to society and the major role they may play in its advancement through NSS and YRC activities in general and social service. Several social awareness programmes like Dengue Awareness Rally, Cleaning of village Programme, Vaccination camp, etc have been organized

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

VCEW enthusiastically celebrates a number of National and International Events, Days, Festivals, and Commemorates the Birth/Death Anniversaries of many National Leaders in order to aid students in understanding the importance of the days and the nation.

COMMEMORATIVE DAYS:

Constitution Day aims to bring awareness about the importance of the Constitution

DAYS OF IMPORTANCE:

National Energy Conservation Day is to make people aware of the necessity of energy efficiency and conservation,Literacy dayto look at what kind of literacy skills people need to navigate increasingly digitally-mediated societies.National Voters Day is celebrated every year to spread awareness about the necessity of voting and to encourage young generation towards the voting rights.

DAYS OF REMEMBRANCE:

Teachers' Day to commemorate and honour the birth date of Dr.Radhakrishnan.National Engineers' Day is held in India in honour of Sri Mokshagundam Visvesvaraya, considered to be the country's best engineer. A major social duty is the empowerment of women. Women's Day is observed on March 8th for all female students and staff members of VCEW as a way of recognising this.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

1. Title of the Best Practice Building Empowerment Skills & Talents (BEST)

2. Objectives of the Practice: Through skill development initiatives, VCEW empowers rural women students and prepares them to be employable and effective citizens through skilled education.

3. The Context:VCEW focuses towards empowering rural women to assert their rights include education, training, boosting self-confidence,skill development programmes.

4. The Practice:Skill empowerment is achieved throughProfessional Certification Programs

5. Evidence of Success

- **Students and Faculty members completed certification programmes**

1. Title of the practice:Reach the Unreachable Students from Home (RUSH)

2. Objectives of the practice:

- **To encourage students from remote locations to continue their Higher Education**
- **To Ensure the safety of female students**

3.The Context:. Offering transportation at free of cost to all its students and employees.

4. The Practice: By providing free transportation through 19 buses

to isolated rural locations in the Namakkal and adjoining districts with GPS Tracking facilities

5. Evidence of success:Parents' trust in the college has greatly increased.

6. Problems Encountered & Resources Required : Frequent increase in the price of fuel & Increase in the maintenance cost

File Description	Documents
Best practices in the Institutional website	https://vcenggw.ac.in/pdf/policy/Best%20Practice.pdf
Any other relevant information	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C7/7.2/7.2.pdf

7.3 - Institutional Distinctiveness

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

Vivekanandha educational institution was started in the year 1992 and emerged as one of the largest group of institution comprises of 27 institutions. Aiming at empowering women in education, Vivekanandha College of Engineering for Women was established in the year 2001 with meager strength of 140, the institute has now grown into one of the best women institution with student's strength of 2200 at present.

Keeping in mind holistic development of women education, the institute focuses on 3 aspects i.e., Teaching Learning Process, Research & Development and Serve the Society at large.

To serve the society at large, particularly women, Vivekananda College of Engineering for Women gives scholarship to students. Most of the women students are economically poor, hence the institution provides scholarships for meritorious and needy students. Around Rs.55 lakhs is given as scholarship/fee concession every year and more than 450 students get this benefit.

Transportation with care

Skill Enhancement

Ethical and Human Values

Emotional Enhancement

Entrepreneurship and Placement

File Description	Documents
Appropriate link in the institutional website	https://vcenggw.ac.in/NAAC/AQAR/2023-2024/C7/7.3/7.3.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- **Attain NIRF rankings in Top 50 (within Tamilnadu state)**
- **Increase E - books to 100 per in each department**
- **Enhance and improve Outcome Based Education (OBE) continuously**
- **Introduce 2 industrial collaborated courses per department**
- **Motivate minimum of 200 students to appear for GATE / TANCET examinations and 20 to get qualified**
- **Produce 20 Entrepreneurs per year**
- **To increase the publication of Faculty in reputed journals to 70 percent**
- **Motivate 2 faculty members to undergo industrial training in every semester from all the departments and experts from industry to deliver lectures will be increased to 5/department/year**
- **Motivate all PG students to publish their article in referred journal or international conference**
- **Minimum 10 new funded projects (10 to 15 lakhs) should be applied**
- **Five new MoUs / department should be signed with industries and other institutions/universities per year**
- **Department wise funded seminar/workshop/FDP should be organized per year**
- **Targeted to achieve three consultancy activities / department**