YEARLY STATUS REPORT - 2020-2021

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 04288234241

- Alternate phone No. 04288234241

- Mobile No. (Principal) 9443734562

- Registered e-mail ID (Principal) vcewprincipal@gmail.com

- Address Sathiyanaickenpalayam Village, Elayampalayam, Tiruchengode

- City/Town Namakkal

- State/UT Tamil Nadu

- 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.R.Saravanakumar**

- Phone No.   **9486061517**

- Mobile No: **6380176251**

- IQAC e-mail ID   **iqac@vcew.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   http://vcenggw.ac.in/pdf/AQAR%202019-20.pdf

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

- if yes, whether it is uploaded in the Institutional website Web link: http://vcenggw.ac.in/pdf/academic/cal/Academic%20Calender%202020-21.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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
Institution	**Star Certificate**	**MHRD & AICTE**	**01/12/2021**	**0**

8.Provide details regarding the composition of the IQAC:

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

9.No. of IQAC meetings held during the year   **1**

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

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

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

- If yes, mention the amount

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

`1. Organized quality improvement awareness programs for faculty members like FDP, Induction Programs. For students Engineers day was celebrated to collect technical ideas and converting ideas to projects and products`

`2. Internal and External academic audit conducted`

`3. Participated in NIRF rankings`

`4. Involved in various enhancing activities and ranked 172th position among Engineering Colleges in India & 34th rank in Tamilnadu by India Today rankings 2020, ranked 160th position among Private Engineering Colleges in India & 97th rank in South India by The Week Magazine, received AICTE certificate of Appreciation for contributed in Jal Shakti Abhiyan 2020`

`5. Got Research Center Approval for department of ECE and 4.5 Star Performer Activities by Institution's Innovation Council`

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
Enhancement of Infrastructure	An exclusive block with state of art lab facilities has been constructed for B.E. BioMedical Engineering and B.E. Computer Science and Technology courses at a cost of Rs.3 crore during the AY 2020-21
Encouragement of students for participation in co-curricular and extracurricular activities	Total number of Students participated in Symposium, Seminars and Workshops during the AY 2020-21: 1104
Encouragement of Faculty members to involve in Research and Development activities	• Total Number of Funded Projects (Ongoing): 03 • Total Grant Received during the AY 2020-21: Rs.4,33,000/- • Total Number of Project Proposals Submitted to Funding Agencies during AY 2020-21:6 • Publications in journals for the AY: 2020-21 : 93
Introduction of new courses	Introduced two new UG programmes B.E. BioMedical Engineering and B.E. Computer Science and Technology from the AY 2020-21.
Green Campus Initiatives	Electric Vehicle is used inside the campus to avoid the pollution, usage of plastics was banned inside the campus, Rain water harvesting, Power consumption was reduced by introducing Solar panels at hostels and LED lamps at college premises
Inviting experts and Industrialists for guest lectures and interactions	Total number of Industry person who visited the college during the Academic year 2020-2021: 21
Improvement in Industry Institute Interactions	• Students Project Awards by industries:7

13.Was the AQAR placed before the statutory   Yes

body?

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body Meeting	**15/07/2021**

14.Was the institutional data submitted to AISHE ?   **Yes**

- Year

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
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• City/Town	Namakkal
• State/UT	Tamil Nadu
• Pin Code	637205
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• Autonomous Status (Provide the date of conferment of Autonomy)	17/08/2012
• Type of Institution	Women
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• Name of the IQAC Co-ordinator/Director	Dr.R.Saravanakumar

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28-12-2022 03:23:58

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- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body Meeting	15/07/2021

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2020	01/02/2020

15.Multidisciplinary / interdisciplinary

Vivekanandha College of Engineering for women (Autonomous), is offering various programmes in Engineering disciplines. The programmes offered in various streams gain a multidisciplinary status to the institution. Besides the government approved programmes, the college offers various need based programmes through the self-financing wing to meet the industrial needs. The programmes offered fall under CBCS (Choice Based Credit System) pattern in which the courses prescribed have specific credits. The courses are named as Core, Elective, Skill based, and Value Based with specific number of credits to each course. Almost all the UG Programmes and a few PG programmes have experiential learning in the form of Projects, Field visits and Internships. To sensitize the students to environmental issues and to make them eco conscious a course on Environmental science and Engineering is included in the curriculum for all UG students. A course on Indian Constitution and Universal Human values with a special focus on the essential human and life values is also included in the curriculum. The scope of various programmes and the specific objectives of various courses ensure holistic development of the students. Being an affiliated institution, the college follows the procedures framed by the parent university regarding the entry level qualification needed for a programme, and duration of a programme /course. All the programmes have a non-major elective course in which the students of a particular

programme are exposed to multidisciplinary education by choosing a course in a different domain.

16.Academic bank of credits (ABC):

Being an autonomous institution, the college has less scope in taking initiatives to implement ABC system. However, the institution will follow the procedures as framed and prescribed the affiliating university. So far, the institution has Registered in National Academic Depositary. The teachers working in our college are encouraged to offer valuable suggestion in curriculum design and development. The senior teachers who serve the BoS as Chairpersons / Members make representations regarding curriculum enrichment. Regarding pedagogy, the teachers are always encouraged to try out new strategies that are learner centric. In teaching learning, besides, the prescribed text books and reference books, the teachers have the liberty to access any other book or material with content related to the topics prescribed in the syllabi. The teachers are also encouraged to provide additional resources / reading materials. Regarding assessments, both internal and external, the assessment criteria prescribed by the affiliating university is strictly adhered.

17.Skill development:

Most of the programmes have a course which is named Skill Based Course with an aim to master a specific skill related to the domain. Soft Skill enhancement is achieved by conducting special programmesand classes on Soft Skill Development with experts in the field and also through Trainers. Besides teaching the curriculum, the institution takes various initiatives to offer value based education. Life Skill Programmes are conducted to promote life values. Important days like Republic Day, Independence Day, Environment Day, Engineers Day and many other important days / events of national importance are celebrated to promote national integration. Competitions are conducted on such occasions to motivate the students and to inculcate positivity in the young minds. A course on Value Education is also a part of the curriculum that helps in enhancing the humanistic, ethical, and universal values. Every student admitted in the college at the Under Graduate level is supposed to enroll in any of the cell or club like NCC, NSS, YRC,RRC, Toast Master Club, etc,. Life skill programmes like Yoga, Mediation, Women Safety, Health and Hygiene, etc, are organized with the services of industry experts who offer hands on training.

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

The college gives importance to indian culture through various teaching methodologies. To give emphasize on " indian culture " and values, the institute offers mandatory courses such asindian constitution, professional ethics etc., indian constitution a mandatory paper is being offered in the first and second semester for all the programmes. In addition during students induction programme, universal human values are thought to the newly joinedstudents for 21 days in order to imbibe the culture of india. To teach universal human values the identified faculty members from the institute have undergone ' 5 day online UHV' programme conducted by AICTE. The content of the online course is repeated to the students during induction programme.

Ethics is also taught to the engineering aspirants in their third year programme of study. To know the culture of the state and india, college conducts 'eloction' competition in tamil during Independence day, teachers day and republic day. Topics for the competition are based on indian culture and heritage. Thus the college incorporates the blending of culture and heritage through various teaching methodologies.

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

Outcome-based education is a system where all the parts and aspects of education are focused on the outcomes of the course. The students take up courses with a certain goal of developing skills or gaining knowledge and they have to complete the goal by end of the course. The student can learn as per their choice. The faculty members, moderators, and instructors guide the students based on the target outcomes. The programmes and courses prescribed in the syllabi have specific programme and course outcomes. In curriculum design and development sufficient representation is made to the affiliating university through BoS and Academic Council meetings to lay greater emphasis on the course outcomes. More number of courses with experiential learning is recommended to be included in the syllabi. Skill based courses, Job seeking courses, and Project works are a part of our syllabi to make our education outcome based. The teaching learning process is also more learner centric in the recent times and the institution has witnessed a shift from traditional methods of teaching. Students' assessment is made through continuous internal assessments like assignments, seminars, peer team teaching, group discussions, and quizzes.

20.Distance education/online education:

Being an affiliated institution, the college offers only regular

programmes. No programme is offered through online or distance mode. In its educational journey, the college has witnessed many phases of teaching learning process. Earlier, the most popular method used for teaching was chalk and talk method. In the recent times, the education industry has been completely digitalized with the advancements in Engineering. Our college promotes the use of ICT in teaching learning process. The infrastructure and ICT facilities of the college are continuously augmented by our management to meet out the existing demands. The post Covid scenario has increased the use of many virtual platforms in teaching learning. Both the teacher and student community are now comfortable with many online tools for teaching. During the pandemic the institution has made the best use of blended learning. Online exams, online quizzes, webinars, online assignments along with regular physical classes have been tried by the institution as a part of blended learning.

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:	1628

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

2.2 Number of outgoing / final year students during the year:	397

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

2.3	1628

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

247

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

141

Number of full-time teachers during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3

116

Number of sanctioned posts for the year:

4.Institution

4.1

484

Number of seats earmarked for reserved categories as per GOI/State Government during the year:

4.2

55

Total number of Classrooms and Seminar halls

4.3

910

Total number of computers on campus for academic purposes

4.4

246.33383

Total expenditure, excluding salary, during the year (INR in Lakhs):

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The curricula for the undergraduate and postgraduate programs have been formulated in accordance with the guidelines of AICTE, involving the stakeholder's feedback, and are in tune with Program Outcomes and Program Specific Outcomes. Each department which offers any programme has a Board of studies comprising the faculty members, University Nominee, Subject experts, Industry Expert and Alumnae who after thorough discussions approve the syllabus of any programme. The Graduate Attributes are adopted as Program Outcomes. Program Specific Outcomes for each program have been formulated to ensure the attainment of domain-specific knowledge and skills in relation to course outcomes. Choice Based Credit System (CBCS) is offered in the curriculum to provide freedom to the students to select courses on their own interests. The curriculum is enriched with research-relevant contents as well. A framework of the curriculum is developed by the departments for their programs. This system provides flexibility in designing curriculum and assigning credits, based on the course content and hours of teaching.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	http://vcenggw.ac.in/naac/C1/1.1/SDN-1.1.1.pdf

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

9

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

207

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

53

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

VCEW curriculum effectively integrates cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics for the holistic development of students.Gender equityStudents are sensitized and encouraged to work towards gender equity.Various Gender sensitization camps are organized in nearby rural areas of Namakkal district, women's rights, human rights, child rights, gender justice and gender equality. VCEW has routinely organizes seminars, conferences, guest lectures, exhibitions, and literary activities that help in gender sensitization. Students were also given opportunity to participate in NSS and YRC schemes which promotes gender equity, facilitates team work, enhances leadership skills, builds confidence and inculcates social responsibility. VCEW is also member in eWIT and the main objective is to expand the women workforce at all management levels in the IT industry and enable women to tread the career path by equipping them with necessary skills.Environmental Science course has been incorporated and it has been made mandatory course for all students. Various Clubs like Energy club, Green Club are functioning to educate the students about environmental sustainability. To incorporate the human values and professional ethics, the under-graduate students are studying Indian Constitution & Human values and Professional Ethics courses as mandatory courses.

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

9

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

445

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

668

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	http://vcenggw.ac.in/naac/C1/4.1/1.4.1NN.pdf
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	http://vcenggw.ac.in/naac/C1/4.2/1.4.2%20ATR.pdf
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

536

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)

463

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.

Response: YES

After admission Induction program is given to bridge the gap between schools and higher education. Learning levels are assessed and categorized as advanced and slow learners through the Induction program, HSC marks and first-semester Continuous Assessment (CA) test.Based on the English Diagnostic test students are categorized into basic, intermediate and advanced communicators. Through the Toast-Master club, various activities are conducted to improve communication.

Special Programmes for Fast Learner:

- Additional Elective / Advanced / Online / One credit Courses

Advanced learners are encouraged to complete the 8thsemester theory courses in the earlier semesters and they can undergo industrial projects during the 8th semester. Students are encouraged to do online courses in NPTEL, SWAYAM and MOOC platforms with credit transfer facilities.

- Innocvation Contest

Students are encouraged to participate in various Seminars/Workshops/Conferences and Idea contests organized by Institutions and professional societies.

- Higher Studies / Competitive Exams Guidance

Awareness on GATE, abroad studies, Japanese Language Training, etc., is provided.

Special Programmes for Slow Learners

· Students failed in the CA-Test are given remedial Coaching and

who failed in End semester exams are given special coaching classes and assignments.

• Peer groups are formed to encourage learning.

• Mentors monitor slow learners periodically.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/naac/C2/2-2-1/2-2-1Index.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2021	1628	141

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:

Choice Based Credit System is followed by the institution from 2015; the students have the flexibility to choose both the course and the teaching faculty which increases the involvement of the students in learning.

Experiential learning:

- Experiential learning is a process of doing and enhances the conceptual understanding in multiple domains. Each semester the students are given with minimum two laboratory courses. In addition few courses are given as integrated courses (Theory cum Lab Courses).
- Practice oriented assignment, Internships and summer project is made as mandatory for the students.
- Industrial Visit and In-Plant Trainings are arranged to the students regularly.

Participative /collaborative learning:

- **Around 40% of the courses in the curriculum will provide activities enabling participative learning.**
- **Academic Regulations supports 10 marks in the CA, obtained by self-learning and collaborative learning.**
- **Flipped class room: The faculty using flipped class room model share the contents of the session in advance enabling students to come prepared for the class with questions and points for discussion**

Problem-Solving Techniques:

- **Problem solving exercises are designed and given in the syllabus and these courses are taught with tutorial sessions, Demonstrations, assignments, case studies and open book tests.**

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	http://vcenggw.ac.in/naac/C2/2-3-1/2-3-1Index.pdf

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

The Institution is providing state-of-the-art infrastructure and learning resources to enhance learning experiences. Lecture halls and seminar halls are provided with audio-visual aids like LCD projectors, speakers and internet connectivity. The college campus is Wi-Fi enabled and it has Digital Smart Classroom. Teachers are effectively using ICT-enabled tools like Projectors, Document Viewer, Digital pads and presentations, virtual labs, YouTube links, video contents and lectures from portals like NPTEL / SWAYAM etc. to teach students in the understandable way. Teachers have started giving lectures online through video meet platforms like Google Meet, Zoom, Microsoft Teams, etc. FDPs are conducted to enable the teachers to use these online platforms effectively.

Learning Resources: The central library along with Elsevier and Springer Nature has provided free access of text books published by Elsevier and Springer. IEEE xplore digital library, the

electronic resource packages like DELNET, NPTEL are available. Sufficient number of e-books and e-journals are also available. The institution provides domain mail id and web portal login to each and every students to make use of the academic features like: profile, courses, attendance, results, internal marks, course credits news, support request, grievances, time table, exam schedule etc.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://vcenggw.ac.in/naac/C2/2-3-2/2-3-2Index.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

103

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

Institution wise Academic Calendar is prepared by IQAC specifically for earmarking the semester-wise schedules. The calendar is prepared to set the the minimum number of working days duly taking the National & Public holidays, Festival breaks, Summer vacation, in addition to the College Fests, Training Programmes, Placement Activities, etc. into contemplation. The academic calendar is approved by the principal and distributed to the faculty. Academic calendar is also made available on the website and it is strictly adhered to, by the institution.

Adherence to Academic Calendar

All activities are conducted by the respective HoDs/Deans/Controller of Examinations as per the academic

calendar. Normally, few scheduled activities are deviated due to some unavoidable circumstances like placement, declaration of holidays under negotiable situations.

Teaching Plan

After getting willingness from faculty, course allotment for every semester is prepared by the respective HoD and the same is communicated to the faculty. For each course, teaching hours are allocated based on the number of credits. The faculty prepares a 'Lesson Plan' for both theory and laboratory courses with the number of hours required to complete each unit / experiment.

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

141

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)

700

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

11

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

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

0

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

Process

Impact

Online course registration

Students can register for the courses and the faculty on their choice

CA marks - Online entry

Transparent assessment with monitoring

Online issue of Examination Application

Expeditious processing of fees payments.

Valuation mark entry and printing with dummy number

Valuation allotment and Revaluation and Photocopy of the answer script made easy

Result Publication including revaluation

Students will be able to view the results through the website

Reports preparation and Printing

Pass percentage and Consolidated Statement

Continuous Assessment

For every semester three internal assessment was conducted

After every internal assessment mark scored by the student are entered into the CoE student management software. The internal assessment marks earned by every student in each course is calculated by the software and submitted to the Internal Quality Assurance cell with due approval of Head of the Department and the Principal. Student attendance is calculated for every semester and students failing to earn the requisite attendance cannot appear for the end semester examination. The internal assessment marks obtained can be viewed by the student through their login in college website and are also displayed in the department notice board on the last working day.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://vcenggw.ac.in/naac/C2/2-5-3/2-5-3Index.pdf

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

Specific nature of the program and its impact upon completion are clearly described by the Program Outcomes, Program Specific Outcomes and its respective Course Outcomes. The institution website www.vcewengg.ac.in contains all programs Curricula and Syllabi for the reference of all stake holders. Program Educational Objectives (PEOs) are generic approach clearly depicting the career accomplishments of every student after 3 years of graduation. Program Outcomes (POs) are invariable with the Graduate Attributes defined by NBA and Program Specific Outcomes (PSOs) are distinct and significant to the particular program. Course outcomes describe the necessitous and knowledge acquired and abilities that students should obtain by learning the course and the extent to which the knowledge level of the students rose upon the completion of a course.

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://vcenggw.ac.in/naac/C2/2-6-1/2-6-1Index.pdf

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

Attainment of CO:

The target for each CO is set in the DAB & BoS. 80% of direct assessment and 20% of indirect assessment constitutes the calculation of final CO Attainment

a) Direct assessment is calculated as per the formulae mentioned below:

For each test,

1. Calculate the total marks allocated for each CO in question paper.

2. Calculate the percentage of marks obtained by individual student for each CO.

3. Find the KPI for each CO using the following formula

KPIi=sum of marks obtained for each CO / total no of students

Where,

KPIi => KPI (Key Performance Indicator) ,

i => indicates CO1 to CO5.

1. Find the number of students having percentage of marks greater than or equal to KPIi.

2. Calculate the final attainment for COs covered in the test.

The direct attainment of CO = 80% of Term test attainment + 20% Assignment / Quiz / field project attainment

b) Indirect Assessment is obtained through course end survey.

c) After calculating the final CO Attainment, it is compared with the fixed target and the final attainment is calculated.

Attainment of PO:

Program Outcomes and Program Specific Outcome are assessed based on the Academic Performance through Course Outcome attainment, Participation/Contribution/Achievement in Co-curricular & Extracurricular activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://vcenggw.ac.in/naac/C2/2-6-2/2-6-2Index.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

392

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://vcenggw.ac.in/naac/C2/2-6-3/2-6-3Index.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://vcew.ac.in/student_satisfaction_survey.php

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

The Institute has a well-defined and forward looking policy for promoting and incentivizing research. The faculty members are encouraged to undertake sponsored research and consultancy projects in order to strengthen the research profile of the Institute. Research and Consultancy are carried in several areas of Engineering and Technology. The Institute strives to get sponsored research projects from the government agencies and

industries.

The faculty members are also encouraged to take up consultancy projects. Such projects are immensely beneficial for the industry and the institution.

Further to above, the Institute has a Policy on Incentives for Research Publications. The objectives of VCEW's incentive policy are:

1. To foster a research culture at VCEW.

2. To ensure integration of research outputs with the curricula through teaching-learning process, wherever applicable.

3. To effectively disseminate VCEW's research output for greater visibility amongst all stakeholders.

Faculty members are incentivized in monetary terms for their research papers published in internationally recognized and globally accepted top journals.

There are guidelines set out and circulated among faculty to encourage them have their research work published in the International Journals of repute. The policy is put out on Institute's website and any amendment made is brought to their notice.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File]()
Provide URL of policy document on promotion of research uploaded on the website	http://vcenggw.ac.in/pdf/iqac/Research%20and%20consultancy%20policy20-21.pdf
Any additional information	[View File]()

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

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

3,00,000

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

5

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)

1,40,000

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

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://vcenggw.ac.in/naac/C3/3.2/3.2.2.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

13

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://dst.gov.in/ & http://www.tanscst.nic.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.

Our institution has created an eco system for Innovations, Creation and transfer of knowledge supported by various professional society likes ICT, IEEE, IEI, EWIT, PALS, IET, ISSE, CSI, ISTE, IETE, BRSI, EDC, R&D and IIC. Research Professional

society Student Branch provides opportunities to meet and learn from fellow IEEE student members and engage with professional IEEE members locally. As an active research society in our college, it organizes the various recent technology related events like Trends in Machine learning, Challenges and Importance of E-Waste Management, Future prospects of Biosensors and Genomics and Hands on Training Workshop on Robotics by the eminent persons from IEEE and other organizations. Few events organized with the support of local IEEE sections. The membership benefits are utilized by the students who are participating events organized by the Institutions with the support of IEEE. The student membership also enhances the interest in research since few students are now progress their career as full An IEEE Student Branch provides opportunities to meet and learn from fellow IEEE student members and engage with professional time research scholars.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C3/3.3/3.3.1.pdf

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

09

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 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	A. All of the above

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

14

File Description	Documents
URL to the research page on HEI website	http://vcenggw.ac.in/naac/C3/4.2/SD-3.4.2.pdf
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

120

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

22

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C3/3.4/3.4.4.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

43

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

3.4.6 - Bibiliometrics 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

43

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)

27,000

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

27,000

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

Triumph out to Humanity:

Six villages are adopted by our college. One village namely Unjanai are adopted under NSS, and five villages namely Unjanai, Puduppuliyampatti,Nallipalayam,Molipalli and Karumanur are adopted by Unnat Bharat Abiyan scheme of Ministry of Education (Participating Institution Id: C-37022). NSS unit has actively participated in numerous programs such as Jal Shakthi Abhiyan, ill effects of Open defecation, Abdul Kalams Day, National Unity Day, Flag Day, First Aid training programme, Independence Day, Orientation Programme on Swatchh Bharat Event, Swatchh Bharathi

Seva, NSS day celebration, Aids Day, Human Rights Day, Dengue Awareness, National Youth Day, Voters Day, Republic Day, Leprosy Day and Personal Hygiene awareness day. The Largest anemia screening camp for Women (Single venue) was achieved in association with VMCH and Indian Medical Association, Tiruchengode for 10,059 women in an event titled "Mission Pink Health" and certificate of achievement was recorded by "Asian Records Academy" and "Tamilan Book of Records". Students made Nilavembu kudineer & Kabasura kudineer during Dengu & Covid-19 and distributed them in the adopted villages. Extension activity on seed ball distribution was carried out in the villages.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/naac/C3/6.1/3.6.1.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

01

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)

2

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

218

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

301

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)

01

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.

PHYSICAL FACILITY

Vivekanandha College of Engineering for Women (VCEW) has a land area of 11.34 acres and the built-up area of 45891.352 Sqm.

FACILITIES AVAILABLE

- **All classrooms are equipped with Multimedia Projector, Podium, Fan, Light, Table with chair,Glass board with good ambience, adequate lighting and good ventilation with wi-fi facility to implement Active Learning through any online tools.**
- **All Laboratories are equipped with state of the art facilities with adequate safety measures and periodic maintenance mainly system maintenance, antivirus updations, software updations, calibration and servicing.**
- **Smart Class Room has a camera, editing and casting facility to record lectures.**
- **A Central Computing Centre (CCC) with 50 Desktop Computing Systems and Digital library is functioning from 8.00 a.m to 10.00 p.m for Monday to Saturday and 8.00 a.m to 6.00 p.m on Sundays.**
- **CCTV cameras are available for ensuring safety and security in the learning environment**
- **Seminar Halls are equipped with LCD Projector with Wi-Fi, Audio and Video facilities for effective Teaching learning process.**
- **Drawing halls are equipped with Drawing tables, Chairs, Fans, Light with good ventilation and ambience.**
- **Common auditorium is available as a central facility with seating capacity of 3000 for all departments.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/naac/C4/1.1/SD-4.1.1.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.)

Physical Education Departments Facilities:

The institution has well equipped sports facilities to cater the sports and games requirement of the students. Every year around 100 students participate in all the sports and games events. Institution conducts Anna University zonal tournaments, Intra and Inter department tournaments and Intra moral tournaments. There are provisions for indoor as well as outdoor sports activities.

The facilities can be accessed off the college hours. All the students can participate in sports competitions and social gatherings at college regularly. The management promotes and supports the sports interest among the students byProviding financial support to the outstanding sports persons,Providing financial support for organizing Anna University and other tournaments and Operating additional buses to help day scholars to spend more time in sports

Cultural Activity:

The management also supports the cultural activities among the students by

- Providing separate air conditioned auditorium with video, audio facility and 3000 seating capacity and seminar hall with video, audio facility and 600 seating capacity
- Providing 5 separate air conditioned department seminar hall with video, audio facility and 150 seating capacity
- In addition there are clubs at college level providing a platform for conduct of Yogaand Gymnasiumactivities

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C4/1.2/4.1.2.pdf

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

32

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)

151.79

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)

The College takes pride in having a Central Library housed in ground floor with a built up area of 583.15 Sq.mts. The Library has more than 45000 books and subscribing 150 journals which include national and international journals and magazines. All the back issues of journals, project report, Question Bank & Non books materials etc are bound and kept for ready reference. There is a separate reading section for all students. All Departments have their own library to cater to the instant reference needs of faculty members and students. The Library has been computerized and library software is available and it is well maintained and updated regularly.

Library is a Heart of the Institution. The library is providing the information to the right user to the right document at the right time. The library contributes directly to the institution's academic mission and to equipping students with the skills and knowledge they need to achieve academically and to maximize their employability .i.e Library is a growing organism.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C4/2.1/SDNN-4.2.1.Library%20Management%20Software.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)

27.12

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

356

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

4.3 - IT Infrastructure

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

The institution has a well-established state of the art IT-infrastructure and facilities for providing research, academic and consultancy support. The campus has been enabled with internet bandwidth of 64 Mbps from SP Communications, Tiruchengode.

The IT services are provided on 24/7 support for anytime anywhere access to knowledge and learning resources. Around 895 LAN points

are provided across the campus, computer labs and office spaces. Wi-Fi network available in the VCEW campus. Servers are available to ease the provisioning and maintenance of the Website and applications to the entire campus and backbone network running throughout the campus.

- VCEW Website (Official Website of college)
- VCEW (Intranet Portal for the college)
- Video Lecture streaming (stream Video Lectures of college)
- VCEW Cloud (Cloud service of college for Research purpose)

ERP is implemented for the following other IT Services and applications:

- Student Admission
- Student Academic (Attendance and Marks analysis reports)
- Exam Process Automation
- Payroll Management for Faculty and staff
- Hostel Management
- Transport Module

These were introduced to automate the offline processes and to cater the academic and administrative processes. Biometric based Staff Attendance monitoring system has been implemented. Help desk is provided to ensure the technology support to the stakeholders using the IT facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C4/3.1/4.3.1.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1628	827

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	A. ?50 Mbps

campus

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 software for editing	**A. All four of the above**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/naac/C4/3.4/4.3.4.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)

49.46

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.

The college grasps good well-known regular systems and rules for maintaining the academic, physical and support facilities that are administrated by the observation of faculty in-charges in college level. They ensure the various aspects of utilization and maintenance of the physical, academic and support facilities such as maintenance of buildings, laboratories, classrooms, library,

computers, sports etc.

MAINTENANCE SECTION:

- There is a centralized maintenance section which is headed by a Maintenance engineer and supported by skilled technicians. This section takes care of maintenance of infrastructural facilities which includes plumbing works, carpentry, electrical, masonry and sewage works.

PHYSICAL FACILITIES

- Electrical Maintenance
- Building Maintenance
- Furniture Maintenance

Network / Wi-Fi Maintenance:

- ACADEMIC FACILITIES

The college ensures optimal allocation and utilization of the available financial resources for maintenance of different facilities by holding regular meetings of various committees constituted for this purpose and using the grants received as per the requirements of the students' interest.

- Laboratory
- Library
- Computers
- Classrooms

The college has various committees for maintaining infrastructure. At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and other.

Further details can be found in the following webpages.

Library- http://vcenggw.ac.in/campus_library.html

College rules- http://vcenggw.ac.in/abt_rules.html

COE- http://vcenggw.ac.in/coe_regulations.html

IQAC- http://vcenggw.ac.in/aca_iqac.html

Admission- http://vcenggw.ac.in/adm_procedure.html

`HR- http://vcenggw.ac.in/pdf/HR-Policy.pdf`

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C4/4.2/4.4.2N.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

`1034`

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

`909`

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	http://vcenggw.ac.in/cdse.html
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

1316

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 committees	**A. All of the above**

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

5.2 - Student Progression

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

176

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	**No File Uploaded**

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

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

13

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

15

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

A selection committee chaired by HoD, Senior professors and Department Association faculty in-charge selects the President, Vice President, Secretary Joint Secretary, Treasurer, Joint Treasurer and active members for department Association. The new Association will come into effect in the beginning of every year

The students play a vital role in various institute level committees including Women Development cell, Anti-ragging committee, Grievance Redressal cell, NSS, Sports, Cultural and IQAC committee.

They play a major role in organizing College Annual day, Achievers day, Sports day, Cultural day, women's day, Freshers Day, Engineer's day, Seminars, Symposium and in conducting various religious festivals. Right from the First year induction of engineering students to the farewell of the Graduating students, the council plays an integral part in organizing the activities.

The Student's Association also ensures the formation of various clubs based on the student's area of interest such as Coding, Multimedia Editing, Photography, Marketing, Recent trends in Technology, etc.

The Department Association will selects club Coordinators for Department Technical clubs. Various department level students Clubs are Coding Club, Intensive Mobile Application Club, Genov Club, Eco Club, BioSpectra Club, Embedded & IoT Club, Renewable Energy Club, Electric Vehicle Club, Self Development Club, and Trendy Techs Club.

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

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

28

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

5.4 - Alumni Engagement

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

The Vivekanandha College of Engineering for Women Alumni Association was started on February 2005. Legally Alumni association has been registered in the year 2017(Registration number: 34/2017). The association endeavors to strengthen the ties among its alumni by addressing their ideas and views about industry scenario for updating the curriculum and syllabi which will increase the bond between the alumni and the institution.

Objectives of VCEW ALUMNI ASSOCIATION

- **To provide an interface through which the alumni of the institute can keep in touch with the institute, faculty, staff and students of the institute and among themselves.**
- **To enable the alumni to take part in the institute's activities**
- **To promote exchange of skills and experience.**
- **To conduct seminars, workshops and guest lectures.**
- **To help the alumni by giving advice to them on various technical problems that they might face in their work.**

Our Alumni Contribution Include:

- As Part of BOS the alumni involved in Curriculum framing, syllabus-content creation and revision Process..
- Help the students to get placed in MNC's by conducting mock interviews organized by various departments, training and placement division of the college.
- Participate in IQAC meeting and review the annual progress of the institution on quality aspects.

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

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The institution follows a democratic form of governance and with all stakeholders actively participating in its administration. The governing body headed by the Management trustee and principal as member secretary who delegates authority to different levels within the institution. The heads of the departments along with staff representatives plays important role in various decision making process and implementation. The academic council with principal as chairman and all BoS chairman as members plays a key role to scrutinize and approve the academic related matters. All the suggestions from the members are implemented into the overall system for continuous growth and development.

The teachers of the college play important role in various decision making process and representatives in various administrative and academic bodies like IQAC. They also act as members and conveners of various committees like anti ragging,

grievances redressal, and prevention of sexual harassment. In addition to this teachers discharging active role in monitoring activities through different clubs like Energy club and Biospectra club etc.,

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://vcenggw.ac.in/naac/C6/1.1/6.1.1.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, duly guided through administrative members consisting of the chairman, Executive Director, and the Principal. This can be achieved by adequate representations assigned to the faculty and students in appropriate levels. This has set up the way, for the institution to make collective decision making initiatives from the top to the bottom.

Decentralization

- Decentralization of academic activities and other powers to the members of the institution
- Improving effective leadership skills by providing additional responsibilities to the faculty members in the form of coordinators of various cells and heads of several committees, which ensure the quality of the academic work.
- The Heads of the departments have academic and administrative freedom for the day to day administration and as the chairperson of Boards of Studies have the responsibility of the curriculum design, enrichment of the syllabi content.

Participative Management

- All the faculty members hold additional responsibilities in addition to their regular academics, administration and research activities and conveners for various committees like anti ragging and grievances redressal.
- Feedbacks are collected from the students on the teaching-learning process through class committee meeting, grievance redressal cell and forwarded to the head of the institution

for better performance of the institution.

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://vcenggw.ac.in/naac/C6/1.2/6.1.2.pdf

6.2 - Strategy Development and Deployment

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

The development and growth of the institution depends on the effective strategic plan and its implementation. The strategic plan was framed based on the various inputs and suggestions received from the various stakeholders. Based on the analysis and feedback received, strategic plan of the institution focuses on

- Student Admission
- Infrastructure
- Research and Development
- Interaction with industry
- Faculty training and publications

Activity Successfully Implemented: Implementation of Smart Class Rooms

- As per the strategic plan (2018-2023), smart class rooms with interactive boards were implemented in our institution in the infrastructure sector.Smart class room has a camera, editing and casting facility to record lectures.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C6/2.1/6.2.1N.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 academic and administrative bodies are quite effective and have formulated policies for appointment of the teaching and non-teaching staffs, administrative and support staff. The service rules have been framed incorporating all the necessary details for any employee of the organization. The appointment of any teaching faculty is based on the qualifications and number of positions. Any teaching faculty recruitment is done through an advertisement both in print media and digital.

. All the candidates go through a probation period and annual appraisals for confirmation of probation and career advancement. The promotion of the faculty is based on the vacancy position as per norms of the cadre ratio.

The service rules have been framed covering the norms for leave rules with individual copies provided to all the faculty members. The technicians and the instructors in the various laboratories and the administrative staff also have well-defined career advancement and also promotion policies. These policies are transparent and communicated to all the non-teaching staff enabling them to work towards the progress.

File Description	Documents
Paste link to Organogram on the institution webpage	http://vcenggw.ac.in/naac/C6/2.2/2.Organization%20Chart.pdf
Upload any additional information	View File
Paste link for additional Information	http://vcenggw.ac.in/naac/C6/2.2/6.2.2N.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 faculty. The following statutory benefits are provided to all the employees of the organization.

- **Casual Leave, Medical leave , Earned leave and maternity leave**
- **PF contributions by the Employee and an equal contribution by the Employer.**
- **Group Insurance**
- **The faculty members pursing PhD are supported with on duty leave to attend doctoral committee meetings, course work examinations and attending conferences.**
- **Free transport facility for employees**

- **Concession for admission to the wards of employees**
- **Staff Welfare Club**
- **Financial assistance for participation in various Events and programmes**

Career development

- **The teaching faculty are encouraged to register for PhD while working with the institution.**
- **The non-teaching staffs are encouraged for qualification improvement.**
- **Regular awareness programmes are conducted**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://vcenggw.ac.in/naac/C6/3.1/6.3.1.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

58

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

12

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.)

54

File Description	Documents
Summary of the IQAC report	**No File Uploaded**
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 finance committee of Vivekanandha College of Engineering for Women Constituted and Headed by the Principal consists of Anna University Nominee and faculty members. The finance committee always supports the needs of financial supports and aids for the curricular, co-curricular activities and infrastructural development. The institution conducts financial audit through certified auditor and audit report will be submitted to the principal.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

0

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

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

The fund generation and mobilisation for the institution is done through the tuition fees paid by the students. The students also receive scholarships from the State Government under different categories like First Graduate scholarship, BC/MBC scholarship and post metric scholarships.

All the students can pay their one year fees in three terms and examination fees are collected during the end semester examinations. All the examination related expenditures like remuneration for question paper setting, invigilation duty, answer script evaluation, question paper scrutiny are meet out through this fees.

Fund utilisation

All the heads of the departments of the college can submit the budget requirement for every academic year under different heads like purchase, consumables, research, extension activities and innovations. All the department requirements are consolidated along with the other expenditures like salary, statutory requirements like PF, electricity, building and electrical maintenance, laboratory equipment, housekeeping, student welfare activities, etc.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made

during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The primary goal of the IQAC is to ensure that quality education is offered to the students, enabling them to excel in the fields of Science, Engineering, Technology and Management and to cater to the changing and challenging needs of the society and industry.

The IQAC aims at achieving this goal by initiating lot of quality improvement strategies in Curriculum Development, Faculty Development, Teaching-learning process, Infrastructure development, Research and Development, Placement Activities, Autonomous and Accreditation Process and Co-curricular and Extracurricular Activities.

1. Internal Quality Audit system:

To ensure an excellent, commendable and well-defined teaching-learning process throughout the institution, for all programs, internal quality audits are being conducted every six months. The internal quality audit evaluates the existing system to determine its conformance to institution policies and objectives, commitments, and regulatory requirements.

1. . Strategic Plan Implementation:

The Internal Quality Assurance Cell actively involves in developing quality benchmarks of the Institute through strategic planning to achieve the vision of the Institute. The Strategic Plan (2018 – 2023) is derived from the Vision and the Mission of the College. The Strategic Plan stipulates the goals and objectives for the plan period. It also specifies various strategies to be adopted to achieve the goals and objectives of the plan.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C6/5.1/6.5.1N.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

Outcome Based Education

The IQAC plays a very active role in inculcating the sense of imparting quality education to the students. The autonomous status of the institution enables us to introduce state- of –art technology in the curriculum and syllabi and to revise them as and when required. A framework of the curriculum is developed by the respective department for their programmes. It includes a list of courses, course outcomes, and syllabus for the course, prescribed text books and reference books, and the evaluation pattern with weightage for the continuous internal assessment /semester-end assessment. The curriculum is reviewed in the discipline-wise Boardof Studies and the recommendations are presented at the Academic Council meeting for approval.

A regular assessment of the curriculum is done through the feedback from the stakeholders of the institution i.e. students, alumni, subject experts, employers and the experts from the industry. The suggestions received from the stakeholders are reviewed by the departmentand innovative suggestions are considered for inclusion in the curriculum. The curriculum and syllabi are revised from time to time.

Learning Management System

Learning management systems (LMS) are design to allow the instructor to develop a webpage that encourages learning. The LMS is a place for information to be given and to test the knowledge of the learner. Through LMS, the prelab and post lab tests are conducted for our students and also learning materials are provided for better learning.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vcenggw.ac.in/naac/C6/5.2/SD-6.5.2.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	A. Any 4 or all of the above

other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	<u>View File</u>
Upload details of quality assurance initiatives of the institution	<u>View File</u>
Upload any additional information	<u>View File</u>

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

FACILITIES PROVIDED FOR WOMEN

Gender Equity

Measures initiated by the institution for the promotion of gender equity during the year:

Vivekanandha College of Engineering for Women (Autonomous) is situated in a rural area to educate, promote, to provide a safe and secured space for our women students and providing gender sensitive and empowering quality education. Importance is given to the job oriented practical knowledge to make students to face the challenges in the competitive world. We promote gender equity by conducting many gender sensitizing programs in the form of lectures, conferences, and workshops are organized throughout the year that aim to provide an inter-sectional approach to creating awareness among students about the inequalities confronting all genders.

Our main focus is to provide quality education to create women leaders and professionals academically and technically competent with strong professional ethics. There are various committees in the institution to maintain peace and harmony among the students. College has a gender sensitivity committee such as Women's

Development Cell (WDC), Anti Ragging Committee, Students Grievance Cell and Sexual Harassment Cell, which are constituted as per norms.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://vcenggw.ac.in/naac/C7/7.1.1.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)

The college will implement the "Polluter-pay Principle" in the delivery of its waste management services. The college will apply a 'Waste Handling Process', to reduce reuse, recycle and recover waste products in preference to the dumping of waste to landfills.

The college distinguishes the importance of meeting these legal requirements and to manage its waste responsibly, reduce the volume of waste sent to landfill and maximize reuse and recycle where possible.

Objectives:

- To confirm that waste management is performed in accordance with all waste legislative requirements, including the duty of care and to plan for future legislative changes and to mitigate their effects.
- To reduce waste generation at source and facilitate repair, reuse and recycling over the disposal of waste in a cost effective manner.
- To endorse environmental awareness in order to increase and

inspire waste minimization, reuse and recycling.
- To devote into the expansion of recycling opportunities on the college campus and alter waste into values added products.
- To ensure the safe handling and storage of wastes on the college campus.
- To deliver appropriate training for teachers, staff and students on waste management issues.
- To encourage holistic approach of waste management in the campus.

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	No File Uploaded

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

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

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

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

reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

The Institutional efforts/initiatives in providing an inclusive environment

Table of Content

S.No

Content

1.

Independence Day

2.

Teachers Day

3.

Engineers Day

4.

Dussara Celebration

5.

Republic Day

6.

Pongal Celebration

Every year the cultural programs are organized at VCEW.

Independence Day Celebration

Independence Day conducted at VCEW ground & flag hoist by Prof.Dr.M.Karunanithi, Chairman & Secretary on 15.08.2020.

Teachers day celebration-05.09.2020(online)

Teacher's Day celebration is conducted for all the staff in commemoration of the birth anniversary of Bharat Ratna Sir Sarvepalli Radhakrishnan at Zoom meets on 05.09.2020 by our ED and Principal.

Engineers day celebration-15.09.2020(online)

Engineer's Day celebration is conducted for all the students in commemoration of the 159th birth anniversary of Bharat Ratna Sir Mokshagundam Vishweshvaraya at Zoom meet on 17.09.2019 by our ED and principal.

Republic Day celebration

Republic Day celebration conducted at VCEW ground & flag hoist by Prof.Dr.M.Karunanithi, Chairman & Secretary on 26.01.2021.

Pongal Celebration held on 12.01.2021

VCEW celebrates Pongal celebration, conducting various events on 12.01.2021; VCEW celebrates DUSSARA celebration, conducting variousevents on 24.10.2020

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:

Table of Content

S.No

Content

1.

Yoga Training

2.

Tree Plantation

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.

- Our college has a compulsory paper on the Professional Ethics, Human Rights, Indian constitution and Environment Science Engineering at Degree level across all engineering disciplines to create awareness and sensitizating the students and employees to constitution obligation

- 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

- VCEW sensitizes students to the significance of basic liberties of each resident, and furthermore sets them up how to react assuming these privileges are disregarded

- Every year, various plants are planted inside the campus by students to develop green infrastructure

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts 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	**No File Uploaded**

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

Table of Content

S.No

Content

1.

Independence Day

2.

Teachers Day

3.

Engineers Day

4.

Dussara Celebration

5.

Republic Day

6.

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Pongal Celebration held on 12.01.2021

VCEW celebrates Pongal celebration, conducting various events on 12.01.2021; VCEW celebrates DUSSARA celebration, conducting variousevents on 24.10.2020.

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	**No File Uploaded**

7.2 - Best Practices

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

Best Practices

Best Practices I

1. Title: Empowerment through Product Design Studio

2. Goal:

IOT based product design studio focuses on training students for empowering them in Technology, Create Employability and to mold them as Best Entrepreneur for Startups.

3. Context

The IOT product design studio is to encourage innovative thinking of the students. Energy and passion towards the technology pushed the envelope to create cutting edge designs with the aim of approaching clients across several industries. It's young women team's persistent attempt to create innovative design solutions that work for clients and helps them succeed. IOT Product design Studio aim to create a platform for our students to be a force to reckon with on the global platform by following 3 steps- Analyze, Create, Develop. During Analysis we get a good understanding of our end users, target market and competitors. Which helps us in understanding what to achieve at the end before beginning. Based

on that analysis we start to ideate and brainstorm small ideas which eventually are converted to complete concepts. In the development phase we take the concepts and bring them to life in the world of IOT technology.

File Description	Documents
Best practices in the Institutional website	http://vcenggw.ac.in/naac/C7/7.2%20Best%20Practices.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The primary motive of the Institution is to shape and empower girl students in the recreation of knowledge, values and with social responsibility which help them to achieve excellence in a variety of fields. Also preparing them to face global challenges by providing value added courses and skill development programmes. Our is a women institution focuses towards empowering , stimulating the students mind in the pursuit of becoming an Entrepreneur.

The Institute has its distinctive focus towards this Vision by the way of motivating the students to do the certificate courses and encouraging the students to organize events to develop their leadership skills.

All the students are motivated to undergo In-plant Training/Internship at industry or research organization or Live-in-Lab for the period during semester vacation.

The overall progress and development of the institution is ardently monitored by improving consistently by our own mission statement which has a exclusive trait to nurture the student in entrepreneurial way and we always strive to progress uniquely when compared to other institutions. According to our mission and vision our college always insists all the students towards state-of-art technology, exercising them in more practical way rather than acquiring the knowledge alone.

File Description	Documents
Appropriate link in the institutional website	http://vcenggw.ac.in/naac/C7/7.3-Distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Planning to install LCD projector facility to all class rooms (already 75 percent classrooms with LCD Projector)
2. Additionally planning for two smart class rooms (currently we have 2 smart class rooms)
3. Increase two centre of excellence in the domain of Biotech, Cloud,Artificial Intelligence and Networking
4. Increase E - books to 100 per department
5. Attain NIRF rankings in Top 50 (within Tamilnadu state)
6. Enhance and improve Outcome Based Education (OBE) continuously
7. Attain NBA for all PG courses and NAAC with A or its higher grade
8. Introduce 2 industrial collaborated courses per department
9. Achieve 90 percent placements in reputed MNCs and Core companies
10. Motivate minimum of 200 students to appear for GATE / TANCET examinations and 20 to get qualified
11. Produce 10 entrepreneurs per year
12. Increase faculty average experience to 6 years, faculty student ratio to 1:12, and attrition rate to 12
13. percent
14. To increase the publication of Faculty in reputed journals to 70 percent
15. Planned to increase Ph.D registration to 35 percent
16. Motivate 2 faculty members to undergo industrial trainingin every semester from all the departments and experts from industry to deliver lectures will be increased to 5/department/year
17. Motivate all PG students to publish their article in referred journal or international