YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution
BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

- Name of the Head of the institution
  Dr. PUNIDHA R

- Designation
  PRINCIPAL

- Does the institution function from its own campus?
  Yes

- Phone no./Alternate phone no.
  9442700877

- Mobile No:
  9655144999

- Registered e-mail
  principal@biew.ac.in

- Alternate e-mail
  bharathiyar@biew.ac.in

- Address
  Deviyakurichi, Thalaivasal(Tk)

- City/Town
  SALEM

- State/UT
  TAMILNADU

- Pin Code
  636112

2.Institutional status

- Affiliated / Constitution Colleges
  AFFILIATED COLLEGE

- Type of Institution
  Women

- Location
  Rural

- Financial Status   **Self-financing**

- Name of the Affiliating University   **ANNA UNIVERSITY, CHENNAI**
- Name of the IQAC Coordinator   **Dr. MADHUBALA P**
- Phone No.   **9626234333**
- Alternate phone No.   **9655144999**
- Mobile   **9626234333**
- IQAC e-mail address   **iqac@biew.ac.in**
- Alternate e-mail address   **madhubala@biew.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://biew.ac.in/naac/ssr.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

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

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.72**	**2023**	**12/08/2023**	**11/08/2028**

6.Date of Establishment of IQAC   **06/07/2017**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	**NIL**	**NIL**	**NIL**	**NIL**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC   [View File](#)

9.No. of IQAC meetings held during the year   `02`

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

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

10.Whether IQAC received funding from any of the 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.Directed the departments conducted more number of value added courses to the students. 2.The ICT facilities were arranged in the college campus for improving the student learning process. 3.The Placement Cell conducted Various Placement training programs and brought various companies for recruit and gave 100% Placement. 4.Academic, Administrative and Green Audit Reports was Submitted 5.Organized more number of FDPs and Quality initiative programme. 6.Signed MoUs with Industries to reduce Industry - Institution gap and enhance Industry driven education ecosystem .`

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

Plan of Action	Achievements/Outcomes
Motivated faculty members to concentrate on improving students pass percentage, discipline and good ambience	Every Faculty members prepared the Course file with Course plan, Question bank and Course Material for their subjects and increased the pass percentage.
Planned to motivate our students to participate in Technical and Non-Technical Events	Our College received "Kalai Sevagar Award" from Priyar University and Our College had received on 19.02.2023 & Ms.B.Subiksha III-ECE student received "New Normal Engineer" Award from Imagecon Academy, Salem on 15.09.2022
Planned to attain the best excellence in women education	Our College received Mrs.Rahatun Nesa Ali Memorial National Award for the Best Women Engineering College in the year 2022.
Admission in first semester B.E./B.Tech and P.G. under CBCS.	The admission of first semester B.E./B.Tech and P.G. under CBCS for the session 2022-2023 has been held successfully.
Enhance the effectiveness of the Teaching Learning Process through ICT implementation.	Delivery of curriculum was improved with the active use of Smart and ICT enabled Classrooms and student learning methods was improved.
Organizing International Conference/ Seminar/ Workshop/Symposium	All departments separately organized department wise International Conferences and seminars. & All departments combinly conducted National Level Technical Symposium
Planned to increase the intake of B.Tech-Artificial intelligence and Data Science course with AICTE Approval Process	Got AICTE Approval for B.Tech-Artificial intelligence and Data Science course intake increased from 60 to 120.
Activities of Women Empowerment Cell	Various Seminars and FDPs were conducted by WEC for making

	motivation to our students and faculties
Stakeholders Feedback	Feedback collected from all stakeholders and corrective actions were initiated for quality enhancement.
Planned to strengthen Academic and Administrative audit.	Conducted Academic, Administrative and Green audit with experts and reports were submitted
MoUs with Industries	Faculty interaction with Industry experts and identifying emerging areas and invited lectures from Industry experts
Planned to file Patents	Two numbers of Patents are filled.
Planned for the faculty members to write Books/Chapters	Three books published by our faculty members
Tree plantation	The IQAC, NSS unit of our college have organized plantation programme in the college campus.

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	04/01/2023

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

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- Name of the statutory body

Name	Date of meeting(s)
Governing Council	04/01/2023

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	14/12/2022

15.Multidisciplinary / interdisciplinary

Bharathiyar Institute of Engineering for Women offers many Undergraduate and Postgraduate programmes in various Engineering disciplines under the guidelines of Anna University, Chennai. Our institute aims to improve rural women's empowerment through the high-quality of technical education and facilitate the young's minds of the student community through promoting multidisciplinary activities.

The Multidisciplinary curriculum is designed by the affiliating university which is based on the CBSC (Choice Based Credit System) and each course has specific credit points. The courses are categorized as core, elective, value based and skill-based courses. Many elective courses are offered affiliated university like Professional Ethics in Engineering, The Principle of Management, Radar Satellite Communication, and Environmental Science. Most of the undergraduate programmes have learned through various forms like study tours, project expos, projects, field visits, workshops, seminars, conferences and internships. Many students are present their innovative thoughts at many conferences, workshops and seminars. Moreover, final-year students are advised to take as a project work on the current societal issue. These kind of multidisciplinary activities are helps to the students to improve their real-time problem-solving skills.

16.Academic bank of credits (ABC):

Our Institution is affiliated to Anna University and a non-autonomous institution, it follows the procedures as framed and prescribed by the affiliating University .ABC will allow students of Undergraduate and Postgraduate degree courses to exit the course and enter within a stipulated period. Our Institute was awaiting for the implementation of ABC at University level. Anyhow, we have registered for ABC though NAD.

17.Skill development:

Our institute has great care for the student's soft skill development programs by periodically organizing special programmes in each department with the resource persons apart from the academic curriculum. These specialized courses equip students with the tools they need to solve problems they'll encounter in the real world. Furthermore, enhancing the student's skill set and exposing them to cutting-edge technology opens up more doors for them in their chosen field. With the help of MOUs

signed with various sectors and educational institutions, we facilitate the transfer of cutting-edge knowledge. Internships in a variety of fields can help students gain experience in their field of study while also exposing them to the industry's culture and methods of operation. In addition, we are providing a free science expo for students to attend and expand their scientific horizons.

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

Our institute has great attention to providing modern education with our traditional knowledge heritage of India. The language in the higher education is the major problem for rural students, because English is the commonly used language in the medium of instruction. The institution is advised by the faculty members to encounter problems through the bilingual method of teaching. The institute celebrate every Tamil festivals and many cultural activities like Pongal, Deepavali, Bharathiyar birthday, A.P.J. Abdul kalam birthday, annual day, Christmas, Ramzan, etc.,. These kinds of events improve the awareness and highlight the values of various cultural activities within student's community. Numerous activities are held during the festival period to spread awareness of our ancient cultural heritage.

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

Institute follows Outcome Based Education (OBE) for teaching, learning, continuous improvement and evaluation process in the student-centric learning approach. We train our students by providing problems to acquire Higher Order Thinking Skills as per revised Blooms Taxonomy. Programme Specific Outcomes (PSOs), Programme Outcomes (POs) and Course Outcomes (COs) have been followed for all UG and PG programs. The course coordinator framed COs based on the objectives and syllabus of each course. The assessments of COs are properly made through questions for the internal assignments for each course. PSOs are defined as the outcome of the programme which the graduates have to acquire at the end of the programme. The target attainment of each CO and assessment of attainments of CO are compiled and analyzed, which was used to measure the student's performances. Suitable actions such as changing pattern delivery and assessment will be followed by the faculty members when the CO target is not achieved. Based on the student's end-semester external examination performance the assessment is calculated. The POs and PSOs assessment attainments are also calculated for the mini projects, group discussions, quizzes, case studies, seminars and workshops, etc.

Moreover, the department of the advisory board and Program Assessment Committee (PAC) scrutinize the process and encounter the problem which significantly promotes the learning progress.

20.Distance education/online education:

Being an affiliated institution, the college offers only regular programmes. No programme is offered through online or distance mode. The college has witnessed many phases of teaching learning process, in earlier days the most popular method used for teaching was chalk and talk method. Now days, the digitalized method is implemented. 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 implemented by the institution as a part of blended learning. We are encouraging our Faculty Members and Students for the Online Certification Courses like NPTEL, SAYAM offered by National and International Organizations Credit Transfer for Online Certification is implemented in the regulation. The Students are encouraged to register for NPTEL/MOOC Courses. The credits earned are transferred for Curriculum Courses.

Extended Profile

1.Programme

1.1   **536**

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

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **787**

Number of students during the year

File Description	Documents
Data Template	[View File](#)

2.2   **232**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	[View File](#)

2.3   **154**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **79**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **63**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	**536**
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	**787**
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	**232**
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	**154**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	**79**
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**63**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**29**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**343.32**
4.3 Total number of computers on campus for academic purposes	**310**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Bharathiyar Institute of Engineering for Women is an affiliated Institution, continually develops the Outcome Based Education method to provide students with a high quality of education and strictly adheres to Curriculum, Regulations of Anna University. The Institution's time table in-charge prepares the College Academic Planner based on the Academic Schedule given by Anna University for every semester. The HoDs of every Department assigns academic workload for their faculty to educate theory and laboratory courses. Before the start of every semester, the course handling faculty member prepares Course Plan, Lecture Notes, Tutorials, Assignments, Laboratory Schedule, and Question Bank based on the Academic Calendar, which is circulated to the students on time-to-time to cultivate the learning experience. In every semester, for successful conduct of laboratory courses the faculty encourages the students to experiment individually even though they are grouped in a team.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://biew.ac.in/naac/2022-2023/CRITERIA1/1_1_1.pdf

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

Every semester to ensure the effective conduct of courses, Class Committee Meetings (CCM) are conducted to gather the feedback from the students about the Teaching Learning Process offered by every course handling faculty member. The College has Centralized Exam cell with a team of teaching faculty members. Based on the college academic schedule, the Internal Assessment Test (IAT) Schedule is displayed well in advance by Exam cell with approval from Principal. Exam cell ensures the smooth conduct of IAT as per college academic schedule. The IAT answer scripts are evaluated with in the stipulated time as per the answer key and returned to the concerned students for further verification. The marks are entered in the web-portal as per Anna University norms.

Course end survey and Student feedback on faculty for every course is collected at the end of every semester and necessary action is initiated to fine tune the Teaching Learning Process by attending Faculty Development/Short Term Training Programs.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://biew.ac.in/naac/2022-2023/CRITERIA1/1_1_2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG

B. Any 3 of the above

programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

6

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

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

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

10

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

number of students during the year

786

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

786

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Anna University offers various courses in Curriculum and Syllabus for all Under Graduate Degree program like Principles of Management, Professional Ethics in Engineering, Total Quality Management, which can integrate the cross-cutting issues relevant to Human Values and Professional Ethics.

The following committees like Grievance Redressal Committee (GRC), the Women's Empowerment Cell (WEC), Internal Compliance Committee (ICC) to address Sexual Harassment complaint and Anti Ragging Committee (ARC) are functioning in BIEW to promote gender equity and also deal with related issues of safety and security of girl students, ladies staff and faculty members and other employees.

Anna University offers various courses in curriculum and syllabus for all Under Graduate Degree program like Environmental Science and Engineering, Disaster Management. In B.E., Civil Engineering Degree Program the courses like Environmental Engineering – I, Environmental Engineering- II, Environmental Engineering Laboratory, Water Supply Engineering, Waste Water Engineering, Air Pollution and Control Engineering and Municipal Solid Waste Management were offered to integrate crosscutting issues related to the environment and sustainability.

Students of BIEW are encouraged in planting trees to know the value of environment, benefits of trees, beautification in and

around the institution.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

13

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

786

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://biew.ac.in/filled-feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

336

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC,

Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

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

303

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The educational institution has made a special effort to determine the students' varying learning levels. Through classroom engagement, class tests, internal assessment exams, and semester exams, both advanced and beginning students are identified.

Special programmes for fast learners:

- Teachers are able to evaluate and recognise advanced learners through lectures, quizzes, assignments, and interactions outside of the classroom.
- Additional text books and reference periodicals were made available for perusal. Participation in intercollegiate tournaments is recommended for these students.
- Students who perform poorly are encouraged to assist and support one another by participating in group debates and presentations.

Special programmes for slow learners:

- To identify the slow learners and provide targeted coaching in areas where they require assistance, extra attention is paid.
- The institution's teaching staff is student-friendly and encourages students to share their original thoughts and viewpoints. Students will feel more comfortable asking for assistance and clearing up any questions they may have about the material.
- To improve their comprehension of the subject, simple-

language books and extra reading material are made available to slow learners.

File Description	Documents
Link for additional Information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_2_1_learners.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
787	**79**

File Description	Documents
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

Participative learning

- **Students are encouraged to participate in many online courses, value-added courses, competitive examinations, conferences, seminars, workshops, and hands-on training to enhance their technical abilities.**
- **Students are encouraged to participate in group discussions and quizzes that enhance critical thinking and problem-solving abilities.**
- **The Institute organizes many guest lectures by industry professionals on working methods and employment-related topics.**
- **Students are encouraged to participate in various social activities, such as NSS, YRC, and RRC, which promote social consciousness, leadership qualities, and a sense of responsibility in the student body.**
- **Students are encouraged to participate in sports, cultural activities, and games, which foster sportsmanship, teamwork, leadership, and decision-making skills.**

Experiential Learning:

- **Laboratory sessions, mini and major projects, and hands-on training programs develop the working model's skills of the students.**

- **Project Expo and Idea Presentation events conducted in the institution explore the practical potential among the students.**

- **In-plant training and Internships are enriching the practical knowledge of the students.**

- **Field visits and industrial visits are helpful for the real-time learning experience**

Problem-Solving Methodologies

- **Students actively participate in many competitions like Coding contests, Design projects, and Hackathon contests and have an opportunity to improve their programming and analytical skills.**
- **Tutorial classes are arranged for the students to improve their academic performance and study habits of the learners.**
- **The institute organizes several coaching programs to help the students prepare for competitive exams such as GATE and TANCET, etc,**

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://biew.ac.in/wp-content/uploads/2024/03/c2_3_1_learning.pdf

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

The institution installed ICT facilities in many of its classrooms, seminar halls, and conference halls, promoting the use of modern technologies in the teaching and learning process. The ICT tool is used for special lectures, field studies, case studies, and experimental methods. Faculty members effectively delivered lectures to students via PowerPoint presentations and video lectures.

List of ICT- enabled tools:

- **Projectors**
- **Printers**
- **Scanners**
- **Video lectures through YouTube animation, lecture videos, and NPTEL Videos**
- **Online Classes through Zoom, Google Meet, and Google Classroom**
- **Monograms**
- **Digital Library with DELNET facility**
- **PowerPoint presentations**

The ICT-enabled teaching-learning process is supported by regular practical sessions, access to a digital library, online courses, online journals, online tests, and the effective use of educational videos.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_3_2_ict.pdf

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

2.3.3.1 - Number of mentors

79

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

63

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	*View File*
Any additional information	*View File*
List of the faculty members authenticated by the Head of HEI	*View File*

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

15

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

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

2.4.3.1 - Total experience of full-time teachers

313

File Description	Documents
Any additional information	*View File*
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	*View File*

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and

mode. Write description within 200 words.

Our college is being affiliated to Anna University, Chennai. The Internal Assessment is conducted as per the schedule given by Anna University, Chennai.

Regulation

No.of Theory Assessments

No.of Practical Assessments R2017 3 1 R2021 2 1

THEORY COURSES

Each internal assessment is to be conducted for 100 marks and for R 2021 it will be distributed in two parts viz., Individual Assignment/Case study/Seminar/Mini project and Test with each having a weight age of 40% and 60% respectively. The total internal assessment marks shall be proportionately reduced to a maximum of 40 and 20 marks for R 2021 and R 2017 Respectively.

LABORATORY COURSES

The maximum marks for Internal Assessment shall be 60 and 20 marks for R 2021 and R 2017 respectively. The criteria for arriving at the Internal Assessment marks of 60 and 20 are as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be converted into a maximum of 60 and 20 Marks for R 2021 and R 2017 respectively.

File Description	Documents
Any additional information	View File
Link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_5_1_ec.pdf

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

The Students can directly clarify their internal exam related grievances directly with subject's staff or through class

committee.

CLASS COMMITTEE

Every class shall have a class committee consisting of faculty members of the class concerned, student representatives and a chairperson, who is not teaching the class. This committee will analyze the performance of the students of the class after each test and finding the ways and means of solving problems, if any. This committee also Identifies the slow-learners, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such students.

COURSE COMMITTEE

The 'Course Committee' comprising all the faculty members teaching the common course shall meet in order to arrive at a common scheme of evaluation for the test and shall ensure a uniform evaluation of the tests. Wherever feasible, the Course Committee may also prepare a common question paper for the internal assessment test(s).

The marks and attendance earned by the students for a particular assessment period is directly entered in the Anna University, Web Portal and will be viewed by the students

File Description	Documents
Any additional information	View File
Link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_5_2_ec.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute has formulated a well-defined Vision and Mission for each department with the guidance of the Department Advisory Committee (DAC) and Internal Quality Assurance Cell (IQAC). The

department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each Programme Outcomes (POs), and Course Outcomes (COs) for all the courses in the curriculum. All outcomes results are analyzed and approved by Department Advisory Committee (DAC). The institution organizes several programs for faculty members to improve their knowledge of the Programme Outcomes and Course Outcomes, moreover, faculty members are advised to attend various Outcome-based Education programs.

Faculties are concerned with various workshops and seminars on Outcome Based Education (OBE). The approved Reports are published on the Institute Website and communicated to Various Stakeholders.

The Mechanism for dissemination:

After Vision and Mission approval, COs, POs, PSOs, and PEOs are widely disseminated and publicized through various means, including display and communication, as outlined below.

Formation of COs, POs, PSO, and PEOs:

The Graduate Attributes (GA) of the Engineering Program defined by the Washington accord are adopted without alteration as Program Outcomes (POs). Based on suggestions from stakeholders, the PSOs were articulated and the knowledge/skill/attitude level was determined via a series of meetings.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://biew.ac.in/wp-content/uploads/2024/03/c2_6_1_poco1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

Theory and Tutorial Courses:

The evaluation of theory and tutorial course outcomes is based on internal test (IA test), assignment, tutorial, seminar, and

university examination grades.

ii) The laboratory course outcome evaluation

Evaluation criteria for the theory and tutorial course outcomes include knowledge and understanding, communication, presentation skills, and student performance.

iii) Project evaluation:

The project course outcome evaluation is based on Project Execution, and Project Report.

- **Calculation of Overall Attainment Level :**

The procedure to calculate the overall attainment level is as follows:

a. Calculation of Direct Attainment:

Direct Attainment of COn= 0.8(Attainment through External Exams) + 0.2(Attainment through Internal Exams)

i) Attainment through External Examinations (University Examination):

The percentage of students who scored higher than the desired target on the university exam is used to calculate the attainment through external examinations.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_6_2_atm.pdf

2.6.3 - Pass percentage of Students during the year

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

109

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://biew.ac.in/wp-content/uploads/2024/03/AQAR-IQAC-ANNUAL-REPORT-2022-2023.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://biew.ac.in/naac/2022-2023/CRITERIA2/2_7_1_sss.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

1.21

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of departments having Research projects funded by government and non-

government agencies during the year

5

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://biew.ac.in/naac/2022-2023/CRITERIA3/3_1_2.pdf

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

16

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

23

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

129

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

The students are a part of society, which is the outward expression of a unified existence. The improvement and prosperity of the community are so highly valued by our institution through its students. The Institute is committed to raising awareness of social and environmental issues among the students.The Institute coordinates a variety of extracurricular events to encourage institute-neighborhood community and to educate students about local issues.

Our Institute has engaged with other local communities to carry out a variety of outreach and extension initiatives for the benefit of the exceptional students. We run Various clubs in our Institute such as National Service Scheme(NSS), Youth Red Cross(YRC), Red Ribbon Club(RRC) and student volunteers arrange various special camps and carry out regular activities for the benefit of rural students and people in an effort to change the public's perspective of cleanliness and raise awareness of a healthy environment.

 `Our College NSS unit was created for the purpose of serving to the local regional people with the help of our youngminds to accomplish the motto of National Service Scheme "NOT ME BUT YOU". Our NSSunit organized numerous Special camp on different themes.`

File Description	Documents
Paste link for additional information	https://biew.ac.in/wp-content/uploads/2024/03/3_3_1.pdf
Upload any additional information	View File

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

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

`1`

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

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

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

`4`

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

225

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

786

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

6

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

Bharathiyar Institute of Engineering for Women was established in 2008. It is located on a calm, peaceful built-up area of 11517.08 sq.m. The campus that offers a excellent academic environment under rural comfort.

Bharathiyar has the state of the art facilities on almost all the aspects pertaining teaching learning process.

The state of art infrastructure make greater teaching learning environment. It has an excellent rural landscape.

Classrooms & Drawing hall/Auditorium

Each block/department has sufficient number of classrooms depending upon the number of disciplines.

The campus building has high standard class rooms with proper ventilation, state of art laboratories, auditorium, smart class rooms, library and indoor & outdoor playing grounds.

The college has three blocks of WI-FI enabled centre. It consisting of 24 classrooms, 16 class rooms is equipped with ICT enabled & LCD projects with interactive chalk & board for teaching learning process.

The college has sufficient number of drawing halls with drawing tables for the access of students. Our institution has huge, fully air conditioned seminar hall with a seating capacity of 300 people in each department.

ICT Facility

The college having ICT facility including 310 computer , 5 laptops, wireless microphones, video, project sound system with internet facilities to conduct workshop, association activities, conference, guest lecture & online classes.

The entire institution is connected with local area networks of 100 Mbps. The institution has very high speed advanced server such as HP proLiant ML150 server, Intel Xeon inside, ERP Software, Linux server and web server.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_1_1_facility.pdf

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

Cultural activity

The auditorium & seminar halls are utilized for conducting cultural activities. The students are encouraged to perform cultural ceremonies are such as annual day , teachers day, women's day, farewell day & fresher day celebration.

Annual day is organized in every year and honor outstanding students in all areas including university rank holders, 100 percentage attendances, class toppers, subject toppers. The faculty members those who got 100% result in concern subjects were encouraged by memento with certificates. Every year exhibition is conducted during Engineer's day.

Gymnastic

A ladies gym with 76.32 square .meter is available. Intra college tournament are conducted every year. Gym hall is open

for the students both morning & Evening time.

Yoga and Indoor Game Centre

A ladies Yoga centre and Indoor game centre each with 76.32 square .meter are available in D Block at our Institution. The college has one yoga centre. This centre is designed for both yoga & meditation for improving physical & mental health of students & faculty. Meditation class conducted every day morning. The yoga day is organized in every year.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_1_2_geotag.pdf

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

24

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_1_3_ictclassrooms.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File]()

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

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

77.94

File Description	Documents
Upload any additional information	[View File](#)
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template)	[View File](#)

4.2 - Library as a Learning Resource

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

The library has a large collection of books, journals, e-books, magazines, and non-book materials with a separate reading room. A separate library building with 180 seat capacity. The library was computerized by ERP software and Library Management system (CampesiLIB) with Wi-Fi facilities.The library is linked to an ILMS, which consists of ten computers linked to a single server.All the e-journals and e-books are purchased by the library and accessed through software.Web OPAC is one of the online resources related to the availability of books, question banks,journals, CDs, project reports, etc.The library has a sufficient number of systems with an internet facility on-book material like CDs are also available in the library.The college library is always open for faculty members, and students during college hours and extra time also and the user's entry details are properly monitored.The college library has 33,639 volumes, 5913 titles, 8 numbers of newspapers, 60 periodicals, 30 international journals, 30 national journals, 12 magazines, 10167 e-journals for staff and student references.

Integrated Library Management System

The library was automated in the year 2008 using the software "ERP" and it was updated during the year 2016.The library was automated in the year 2022 using the software "Library Management Software (CampesiLIB)" and it was updated during the year 2022.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_2_1_software.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

73.13

File Description	Documents
Any additional information	View File
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

310

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

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

COMPUTER FACILITY:

The institution has 100 Mbps (Airtel) broadband line and 300 Mbps BSNL landline with 310 nodes covering the entire campus. The institution having 24 class rooms. The 16 class rooms, seminar Halls, Library, Faculty Halls, Exam cell, Conference Hall are ICT enabled with computer, LCD facility, LAN and internet connectivity for enhancing teaching learning process. The Wi-Fi facility has been provided to all students, teaching and non teaching faculties in and around campus and hostel. The total computers in the institutions are around 310.

The daily classes, seminars, motivational classes, Workshops, laboratory sessions and research works are held in ICT enabled class rooms and seminar halls. The subject materials, question bank, class notes are sent as softcopy through mail id for all students.

Wi-Fi ACCESS POINTS:

Campus is connected with Wi-Fi. Wi-Fi access points were installed in the following various locations. Wi-Fi access points are updated regularly. Free Wi-Fi facility are available in the college campus, most of the faculties use power point presentation for effective teaching Free National Digital libraries, e-books, journals, Gate books, Aptitude books and CDs are available for all students and faculty members. The orientation programs, Annual day function, seminars, Conferences, Association activities, various clubs, Symposium functions, Faculty development programs using ICT facility. NPTEL facilities are available for all students and faculty members.Placement training programs are conducted in every semester use ICT facility.Online test conducted in every semester through placement cell for all department students use ICT facility.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_3_1_details.pdf

4.3.2 - Number of Computers

310

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

89.73

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Library facilities

The institution's digital library has many materials in all disciplines including sources like GRE,TOFEL, GMAT, and ISI codes in digital format. In addition, 535 audio and video cassettes are available in the department libraries. It provides several online electronic databases like IEEE, ACM, ASME, and ASCE online like CD-ROM databases

Integrated Library Management System

The library was automated in the year 2008 using the software "ERP" and it was updated during the year 2016.The library was automated in the year 2022 using the software "Library Management Software (CampesiLIB)" and it was updated during the year 2022.

Laboratories

The College offers 51 laboratories & Research project courses for students. Science laboratories-02, computer labs- 15 Electronics lab- 12, Electrical lab- 15,Civil lab- 07 and language lab- 01 with well equipped computers.

Sports facilities

A ladies gym with 76.32 square .meter is available. Intra college tournament are conducted every year. Gym hall is open for the students both morning & Evening time.A ladies Yoga centre and Indoor game centre each with 76.32 square .meter are available in D Block at our Institution. The college has one yoga centre. This centre is designed for both yoga & meditation

for improving physical & mental health of students & faculty. Meditation class conducted every day morning. The yoga day is organized in every year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_4_2_audit.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

748

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

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

760

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to institutional website	https://biew.ac.in/wp-content/uploads/2024/02/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

787

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

787

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 has a transparent

A. All of the above

mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

114

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

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

5.2.2.1 - Number of outgoing student progression to higher education

8

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

1

File Description	Documents
Upload supporting data for the same	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/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

12

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

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

In many fine arts, athletic, and other departmental co-curricular activities, the student council is a major player. The Annual Quality Assurance Report of Bharathiyar Institute of Engineering For Women's association organizes a variety of extracurricular events, such as expert special lectures, paper presentations, seminars, workshops, symposiums, and student committees like the class, library, cultural, sports, health, and public awareness committees, internal quality assurance cell, discipline and anti-racism committee, and student welfare council. Regarding the faculty, subjects, syllabus, and other class-related matters, the members of the class committee present the opinions and recommendations of the entire class. Important days such as National Festivals, the birthdays of notable leaders, International Women's Day, National Youth Day, National Youth Awakening Day, National Unity Day, National Science Day, Consumer Club, International Yoga Day, Sports Day, Engineers Day, Teachers Day, Fresher's Day, tree planting, college property cleaning, etc. are also observed in a good manner by the student representative of the student council. They also plan celebrations for festivals like Pongal, Onam, etc. Annual sporting activities, including numerous team and individual competitions with prizes and keepsakes for the victors, are also organized by the student council.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_1_1.pdf
Upload any additional information	View File

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

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

34

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

5.4 - Alumni Engagement

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

BHARATHIYAR MAGALIR PORIYIYAR KALLURI MUNNAAL MAANAVIGAL SANGAM

The Bharathiyar Magalir Poriyiyar Kalluri Munnaal Maanavigal Sangam, an alumni association of the Bharathiyar Institute of Engineering for Women, was registered under the Societies Act (Registered Number: Sl. No: 38/2013).

The alumni association of Bharathiyar Institute of Engineering for Women consists of 11 members and list is given below.

S.NO

NAME

DESIGNATION

CATEGORY

   1.

Dr.R.Punidha

Principal

Chair person

   1.

Mrs.K.C.Kavitha

HOD / EEE

Faculty Co-Ordinator

1.

Mrs.R.Prema

President

Alumni Members

1.

Ms.S.Monica

Vice president

1.

Mr.S.Malathi

Secretary

1.

Mrs.D.Deepa

Joint Secretary

1.

Mrs.K.Kavitha

Treasurer

1.

Mrs.M.Nathiya

Joint Treasurer

1.

Mr.K.Kalaiselvan

Executive member

Faculty Members

1.

Ms.M.Romeeka Devi

Executive member

1.

Mr.M.karthikeyan

Executive member

File Description	Documents
Paste link for additional information	https://biew.ac.in/wp-content/uploads/2024/04/5.4.1-FINAL.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **E. <1Lakhs**

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 and in tune with the vision and mission of the institution

Bharathiyar Institute of Engineering for women (BIEW) was established in 2008 by Sri Sakthi Educations Trust. The institute aims to improve rural women's higher education. Institute has decentralized governance and it has a great vision and mission for improving women empowerment.

Vision: To achieve the dream of Tamil Poet Mahakavi Bharathiyar

"Kanavu Meipada Vendum", we committed to serve the State and the Nation by grooming Professionally Educated, broadly talented Women Engineering Graduates, developing innovative technologies through high quality Research and empowering Women Students to meet the challenges in the Society.

Mission:

- To prepare our students by imparting knowledge with focuses on Academic Competence, Social Skills and Moral Values.
- To empower our students as capable Engineers with Inventiveness and Truthfulness to· Meet the Technological Challenges in their career.
- To develop our students as Intellectual Leaders to emerge in their Professions

The institute is administrated by governing council and it consists of eminent management members, the Principal, a distinguished educationist, the Vice Principal, the Head of the Departments, and Faculty Members. The governing council meeting is conducted at regular intervals to ensure that Institution administration, policy making, initiative new ideas, and encounters the problems for the institution's growth.

File Description	Documents
Paste link for additional information	https://biew.ac.in/vision-and-mission/
Upload any additional information	View File

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

BIEW believes that good governance contributes to the growth and development of a successful institution. The Principal is the institution's leader and oversees administrative and academic processes. The objectives of this initiative are to decentralize governance and delegate tasks to senior officials and department heads. The principal implements governing council decisions with assistance from the vice principal. The Principal organize weekly meetings in the principal room with all department heads to discuss academic activities. The department head is responsible for ensuring that departmental activities,such as timetable preparation, laboratory maintenance, and monitoring

faculty members and students performance. The department head holds regular meetings with all faculty members in the department faculty hall to monitor the performance of the various committees

Decentralization and participatory management are essential to the collective leadership and democratic values of the organization. The institution focuses on integrating pedagogies through the formation of an Academic committee and an Examination committee with separate governance structures. This strategic plan will serve as a guide for the decentralized committees, and those committees must work towards the achievement of the plan's objectives. The entire process is based on a participatory approach in which decentralized committees, faculty members, and other stakeholders.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_1_2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Bharathiyar Institute of Engineering for Women (BIEW) was founded in 2008 by the Sri Sakthi Educational Trust. A Governing Council consisting of both academic and non-academic members guides the Institute's growth and development. The Governing Council meets on a regular basis to discuss all major decisions and strategies regarding academic and non-academic responsibilities and activities.

Strategic Plan:

The governing council prepares an annual plan for the college's growth and development. It is being developed with the participation of all internal and external stakeholders. The management has a vision and mission to provide students with a holistic education that instills academic excellence as well as professional ethics in them throughout their time at the college. It emphasizes the importance of promoting technology-integrated development, global competence, and entrepreneurship among the student community and college faculty members. The

strategic plans are towards institutional holistic development, infrastructure development, faculty strengthening, research and development, student career development, academic excellence, and examination reforms.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_2_1.pdf
Upload any additional information	View File

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

To ensure proper management of academic and general administrative matters, the institution has the following committees and cells.

- Governing Council Committee
- Discipline and Welfare Committee
- Internal Complaint Committee
- Anti-Ragging Committee/Squad
- Women Empowerment and Development Cell
- Placement and Career Guidance Cell
- Planning and Monitoring Board
- Internal Quality Assurance Cell

The tasks and responsibilities of the Head of Department (HoD) are listed below.

- Ensuring that policy decisions are implemented.
- Monitoring the department's day-to-day activities.
- Preparing budgets in accordance with the department's road map.
- Allocating subjects based on domain knowledge by obtaining faculty members' consent.
- Assigning roles and responsibilities of non-academic work to faculty members
- Ensuring that the institute's performance appraisal mechanism is in place.

Smart classrooms maximize the efficiency of the teaching and

learning process. Each classroom is equipped with a high-quality projector capable of displaying stunning images, videos, and computer content. By utilizing the faculty-provided slides, videos, and other AV modules, students can listen to and view countless examples to comprehend concepts. The institution has a well-structured mechanism for the recruitment of teachers and other employees in accordance with its appointment policy and Service regulations.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_2_2.pdf
Link to Organogram of the Institution webpage	https://biew.ac.in/naac/c6_2_1_admin_setup.pdf
Upload any additional information	View File

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)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Effective Welfare Measures

The institution has welfare measures and schemes for both teaching and non-teaching staff members.

The following benefits are provided to all the employees of the organization.

- Transport facilities are provided for all the employees free of cost
- Institute encourages faculty members to present their innovative ideas at conferences and seminars by covering registration fees and TA/DA.
- Reimbursement of publication fees for papers published in national and international journals.
- The insurance is offered to all the employees of the college
- The provident fund scheme is available for all the employees
- Casual Leave, Medical leave and Maternity leave are provided to all staff members.
- Institute provides vacation leaves around 3 weeks for each semester
- Institute provides 24/7 Internet and Wi-Fi facilities
- Institute organized an annual tour for all the working employees to Recreate, Renew & Refresh them
- The canteen provides hygienic food at the subsidized rate
- Coats are provided for all female faculty members in order for them to teach comfortably.
- Lab coats are provided to the lab instructors and lab assistants

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_3_1.pdf
Upload any additional information	View File

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

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

36

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 programs organized by the institution for teaching and non-teaching staff during the year

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

165

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

123

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

A good performance management system works towards the improvement of the overall organizational performance of teams and individuals for ensuring the achievements of the overall organizational mission and vision.

Career development

- **The non-doctoral faculties are encouraged to register for Ph.D.**
- **The faculties are motivated to attend various conferences, Faculty Development Programs, workshops and seminars.**
- **The non-teaching staff is encouraged to improve their qualification.**
- **Improve the non-teaching staff's soft skills and computer knowledge.**

The various welfare policies are intended to benefit both teaching and non-teaching staff. Recognition, acknowledgment, and support from management have resulted in personal and professional growth among teaching and non-teaching staff.

In this scheme, the performance s is classified into three categories.

1. Teaching, Learning and Evaluation related activities

2. Co-Curricular, Extension and Professional Development related activities

3. Research Publications.

The BIEW has developed the following objective assessment system for improvement.

The three level evaluations involve:

Result Percentage,Contribution to Development of Institution and Students, Contribution to Research & Development, Publication in National & International Conference, Journal Publication, Project Work, Self-development, and Discipline & Team work. The teaching staff has gained the knowledge and experience with the result of the following assessment policy.

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

6.4 - Financial Management and Resource Mobilization

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

BIEW emerges in 2008 and successively running with many improvements and development under the guidance of Sri Sakthi Educational Trust. The institution has a well-organized and well-planned process for raising funds and resources. Treasurer, Principal, Department Heads, and Accounts Department are all participants in this process, and they operate within the framework of predetermined guidelines for the allocation of institute funds and resources. The Treasurer is in charge of the college's financial administration.

Financial Audit:

The Finance committee audits all documents every financial year. The audits are being carried out by an internal and external auditor.

The audit procedure is shown below.

1. Incomes and Expenses

a. Vouchers, supporting bills and invoices are verified.

b. Approvals and authorization are verified with Instructions

c. Accounting of expenses according to the nature of the expenses are verified.

2. Fees receivable statements are verified with the books of account.

3. Bank Reconciliation Statement (BRS) Statements of the financial year are verified to ensure the outstanding payables and receivables.

4. Salary statements and payments are verified with the payroll reports provided by the HR Department. 5. Analytical procedures are followed to assess the overall correctness of the books of accounts.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_4_1.pdf
Upload any additional information	View File

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

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

0.38

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

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

The institution has a well-organized and well-planned process for raising funds and resources. Treasurer, Principal, Department Heads, and Accounts Department are all participants in this process, and they operate within the framework of predetermined guidelines for the allocation of institute funds and resources.

Mobilization of Funds:

BIEW is a self-financing organization with a transparent financial management structure. The major source of funds is the collection of fees (tuition and hostel fees), which are collected in accordance with the guidelines of the affiliated university. In addition, the fund was mobilized from several government and non-government sources.

Optimal Utilizations:

An annual budget is created by the administration and finance committee, who also keeps track of how the funds are being used. The cost is primarily determined by the importance of meeting academic requirements. The majority of financial resources are spent on paying salaries, building and maintaining infrastructure, paying taxes, upgrading lab equipment and chemicals, service providers, purchasing library resources, using sports facilities, and providing publication incentives, among other things. All departments received funding from the institute, which was used for departmental tasks like planning conferences and seminars as well as other tasks.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_4_3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) was established in 2017 in accordance with NAAC guidelines. The IQAC coordinator has been designated to ensure that the institution's policies are followed. BIEW's internal quality assurance cell (IQAC) has been working on developing the institution's quality and monitoring performance indicators. IQAC assists in gathering feedback from internal and external stakeholders, as well as others, for the Institute's academic and administrative improvement.

The objectives of IQAC are:

- The IQAC's primary responsibility is to create a system for conscious, consistent, and catalytic improvement in the institute's overall performance.
- To contribute to the continuous improvement and integration of educational services, co-curricular and extra-curricular activities.
- To promote institutional quality enhancement measures through the internalization of quality culture and the institutionalization of best practices.

IQAC strategies are followed as,

- Implement the various teaching-learning methods
- Increase the ICT usage
- Expand the scope of the library
- Organize skill development courses
- Arrange the industrial visit/training for the students
- Conduct placement activities
- Organize seminars, conferences, workshops and guest lectures
- Conduct training programs

- **Career consultations (higher studies, developing communication and interpersonal skills of students for interviews).**

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_5_1.pdf
Upload any additional information	View File

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

IQAC enhances the effectiveness of the institution's activities by implementing the strategies. IQAC makes recommendations for the improvement of the teaching and learning process through the use of innovative teaching and learning methods, guest lectures, video lectures, supportive classes, problem-based learning, student-assisted instruction, creative thinking, student seminars, and the application of ICT tools and PowerPoint presentations. IQAC encourages various committees and cells such as NSS, YRC, RRC, and the alumni association to organize many awareness camps, extension projects, and service-oriented activities. IQAC conducts academic and administrative audits every two years once and verifies all the documents. IQAC monitors all curricular, co-curricular, and extracurricular activities and holds two review meetings per year with academic coordinators and department heads. The committee prepares and submits reports to the chairperson.

Feedback is collected from students, faculty members, parents, alumni, and management. The institution consolidates the feedback and scrutinized and data analyzed. The feedback is also collected from academic and industrial experts who visit the institution, recruiters, alumni, students, and other stakeholders. Based on the feedback, appropriate actions are taken to enhance and improve the quality of various aspects, such as the curriculum, infrastructure, and research facilities, resulting in student progression and high-quality research.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_5_2.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_5_3.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Women Empowerment Cell (WEC) of Bharathiyar Institute of Engineering for Women is dynamic in taking care of the safety and security of girl students in our institution. Our college hosts a number of programmes through WEC on a regular basis where specialists from various fields give lectures to raise awareness about women's safety. Our college takes numerous steps to ensure that our female students have equal access to

academic, co-curricular, and extracurricular opportunities. Hence, we have taken measures to tighten security in our campus.

A suggestion box has been placed on the premises of the college to ensure Redressal of grievances and create proactive response to student's requirements. To safeguard the security of female students, both the institution and the dorm employ round-the-clock security services.

International Women's Day is celebrated every year during with eminent women personalities, qualified doctors and psychologists are invited to teach our students on how to manage a mixed gender classroom and work place.

Many workshops and presentation about workplace issues they may face in real life and how to prevent sexual harassment. Experts from many fields are invited as chief guests to share their opinions on topics relating to women and to throw light on traits that are necessary for women to be empowered and to successfully navigate the challenges of this current age.

File Description	Documents
Annual gender sensitization action plan	https://biew.ac.in/naac/2022-2023/CRITERIA7/7_1_1_ge.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://biew.ac.in/naac/2022-2023/CRITERIA7/7_1_1_facility.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid Waste Management:

1. The major solid waste which is generated in the campus includes Paper and Leaf litter waste.
2. Segregation of waste from the dustbins is done regularly, thus maintaining the campus and keeping it
3. Take initiative to spread awareness amongst student about minimize the use of packaged foods.
4. Metal waste is stored and given to authorized scrap agents for further processing.
5. The examination papers are collected and sent for recycling by local vendors.

E-Waste Management:

1. The new components of computer and electronic instruments are purchased under Buy Back Scheme so that we do not accumulate E-Waste.
2. Batteries for UPS systems are maintained by suppliers, repaired batteries are taken by suppliers.
3. The E-Waste is being disposed through authorized vendors.
4. Review periodically the effective functioning of CPU's and monitors and expert recommendations are followed to dispose the same in the market.

Biomedical Waste Management:

1. Sanitary napkins are disposed by incinerating in the Sanitary Napkin Incinerator.
2. Hazardous Chemicals generated from chemistry and chemical waste are collected separately in a container and disposed periodically.
3. The chemical containers like bottles for disposal must have clear labels with details of the contents.
4. Hazardous and Radioactive materials are not used at our college premises.
5. All laboratories have safety rules displayed to ensure safety, which including details for disposal of chemicals and other material.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://biew.ac.in/naac/2022-2023/CRITERIA 7/7_1_3_geotag.pdf
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
Geo tagged 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:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

`B. Any 3 of the above`

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

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

`A. Any 4 or all of the above`

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	[View File](#)
Details of the Software procured for providing the assistance	[View File](#)
Any other relevant information	[View File](#)

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

Bharathiyar Institute of Engineering for Women provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

Our Institution is a secular campus which values equal all religions, languages and cultures equally. The students come from various socio economic and communal backgrounds. A multitude of efforts are taken to help the students adapt into the college mainstream and get the benefits of all the opportunities provided by the institution. In addition, the students are taught about their rights and responsibilities as dutiful citizens of this nation. They are encouraged to become responsible professionals who contribute to the well being of the nation. Initiatives taken by our college to ensure tolerance, harmony, cultural, regional, linguistic and communal socioeconomic, values, rights duties and responsibilities: Celebrating the National festivals, seasonal festival changes student's attitude towards mother Earth and nature.

Religious festivals teach students about the importance of family, tradition and values International festivals will create an increased cheerful ambiance and deepen the bonds with other races. Orientation to fresher's regarding college rules and regulations and the opportunities available during their course of study. Equal opportunities are given for all students in both academics and Placement regardless of their religion and socio-economic background. Our college celebrates Annual Cultural day, and Women's day etc.

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

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

BIEW takes pride in the fact that apart from preparing a sound

academic foundation of the student community; the college constantly works upon to develop them as better citizens of the country. In this regard, the institute, apart from imparting professional legal education, inculcates a feeling of oneness among the student community through various practices and programs. Various faculties have always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices that promote the "Unity in Diversity" of our motherland.

Our college regularly conducts events such as Dengue Awareness Programme, Health camp, National Identities like Independence Day, Republic Day , Constitution Day and Women's Day Celebration through these events, awareness has been created among the students about our constitution, duties and responsibilities of a citizens. Professional ethics is essential for undergraduate students to learn about the ethics of professions and their social contributions. Environmental science and Environmental Impact Assessment also teaches moral and social values by preserving the ecosystem and environment. The Constitution of India teaches the fundamental rights and duties of a citizen. The UG and PG students are studying the subjects Universal Human Values, for understanding the constitutional obligations about Environment and Human Values. The various social activities organized by the institution through NSS and YRC also contribute to inculcate human values.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

administrators and other staff   4.
Annual awareness programmes on Code of
Conduct are organized

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

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

BIEW celebrates National and International days enthusiastically every year. All staff members and students gather in our college to celebrate these days. Celebration of cultural and constitutional festivals is integral part of college's co-curricular activities.

A function is organized in the college campus where all staff members and students share their thoughts pay tribute to all freedom fighters who sacrificed their lives in order to gain the freedom for the India.

Republic Day and Independence Day are celebrated every year with great enthusiasm and pride in the college on 26th January and 15th August. Besides these two national days celebrated in our institution so that students get knowledge about the great personalities in our political, social, cultural and scientific history such as Mahatma Gandhi, memorial day of Dr.A.P.J.Abdul Kalam, Teacher's Day, Engineer's Day, National Science Day etc.

Every year on March 8th, our college observes International Women's Day to honour women who have significantly contributed to the advancement of their gender. Also on June 21st, the college observes International Yoga Day to promote awareness of the various advantages of yoga practice. It is commemorated to raise awareness of the value of and benefits of yoga for human health. To honour Dr. Sarvepalli Radhakrishnan's birth

anniversary, Teacher's Day is also observed on 5th September.
Every year, on October 2, Mahatma Gandhi's birthday is
commemorated in order to honour his goal of a clean India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

7.2 - Best Practices

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

Best Practices 1

Field Trip and Industrial Visits for Students

In order to bridge the gap between classroom teaching and
practical working environment, understanding industry operations
and to increase the interaction with industry professionals,
industrial visit and field trips was arranged for students to
the places such as NLC, Aavin Regional Meteorological centre
etc. This practice improved the job prospects of our students,
initiate the thought of preparing for gate exams and helps in
understanding the subjects.

Best Practices 2

Incubation Centre

Incubation centre encourage our students and faculty for
innovation, idea generation and product development. It also
promotes New Technology/ knowledge/ Innovation based start-ups.
Through incubation centre our students created many technical
models which motivated our students to participate in the
hackathons, enhanced the student's interest towards
entrepreneurship and increases the student's interest of
learning.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	[View File](#)

7.3 - Institutional Distinctiveness

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

Bharathiyar Institute of Engineering for Women (BIEW), the first and one and only women's Engineering college in the Salem district, was founded in 2008 under a self-financing category affiliated with Anna University, Chennai. The aim of the institute is to empower rural female students. The college's vision and mission are to empower women through science and technology-focused higher education. This is accomplished through value-based, skill-oriented education, research, and training, as well as creativity and diversity. The college's curriculum is unique in that it offers a wide range of different, flexible, and cross-disciplinary courses that meet the social and economic needs of the region, the country, and the world. The college is located in an easily accessible area, and it provides a exclusive opportunity for female students from rural areas. In addition, the college provides transport facilities approximately 60 kilometers from the campus, which helpful to facilitating access of college.

The institution has launched several professional courses in expanding fields to address the challenges facing the global community.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Bharathiyar Institute of Engineering for Women is an affiliated Institution, continually develops the Outcome Based Education method to provide students with a high quality of education and strictly adheres to Curriculum, Regulations of Anna University. The Institution's time table in-charge prepares the College Academic Planner based on the Academic Schedule given by Anna University for every semester. The HoDs of every Department assigns academic workload for their faculty to educate theory and laboratory courses. Before the start of every semester, the course handling faculty member prepares Course Plan, Lecture Notes, Tutorials, Assignments, Laboratory Schedule, and Question Bank based on the Academic Calendar, which is circulated to the students on time-to-time to cultivate the learning experience. In every semester, for successful conduct of laboratory courses the faculty encourages the students to experiment individually even though they are grouped in a team.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://biew.ac.in/naac/2022-2023/CRITERIA1/1_1_1.pdf

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

Every semester to ensure the effective conduct of courses, Class Committee Meetings (CCM) are conducted to gather the feedback from the students about the Teaching Learning Process offered by every course handling faculty member. The College has Centralized Exam cell with a team of teaching faculty members. Based on the college academic schedule, the

Internal Assessment Test (IAT) Schedule is displayed well in advance by Exam cell with approval from Principal. Exam cell ensures the smooth conduct of IAT as per college academic schedule. The IAT answer scripts are evaluated with in the stipulated time as per the answer key and returned to the concerned students for further verification. The marks are entered in the web-portal as per Anna University norms.

Course end survey and Student feedback on faculty for every course is collected at the end of every semester and necessary action is initiated to fine tune the Teaching Learning Process by attending Faculty Development/Short Term Training Programs.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://biew.ac.in/naac/2022-2023/CRITERIA1/1_1_2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective

course system has been implemented

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

6

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

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

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

10

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

786

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

786

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Anna University offers various courses in Curriculum and Syllabus for all Under Graduate Degree program like Principles of Management, Professional Ethics in Engineering, Total Quality Management, which can integrate the cross-cutting issues relevant to Human Values and Professional Ethics.

The following committees like Grievance Redressal Committee (GRC), the Women's Empowerment Cell (WEC), Internal Compliance Committee (ICC) to address Sexual Harassment complaint and Anti Ragging Committee (ARC) are functioning in BIEW to promote gender equity and also deal with related issues of safety and security of girl students, ladies staff and faculty members and other employees.

Anna University offers various courses in curriculum and syllabus for all Under Graduate Degree program like Environmental Science and Engineering, Disaster Management. In B.E., Civil Engineering Degree Program the courses like Environmental Engineering – I, Environmental Engineering- II, Environmental Engineering Laboratory, Water Supply Engineering, Waste Water Engineering, Air Pollution and Control Engineering and Municipal Solid Waste Management were offered to integrate crosscutting issues related to the environment and sustainability.

Students of BIEW are encouraged in planting trees to know the value of environment, benefits of trees, beautification in and around the institution.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field

work/internship during the year

13

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

786

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://biew.ac.in/filled-feedback/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

336

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

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

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

303

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The educational institution has made a special effort to determine the students' varying learning levels. Through classroom engagement, class tests, internal assessment exams, and semester exams, both advanced and beginning students are identified.

Special programmes for fast learners:

- **Teachers are able to evaluate and recognise advanced learners through lectures, quizzes, assignments, and interactions outside of the classroom.**
- **Additional text books and reference periodicals were made available for perusal. Participation in intercollegiate tournaments is recommended for these students.**
- **Students who perform poorly are encouraged to assist and support one another by participating in group debates and presentations.**

Special programmes for slow learners:

- **To identify the slow learners and provide targeted coaching in areas where they require assistance, extra attention is paid.**
- **The institution's teaching staff is student-friendly and encourages students to share their original thoughts and viewpoints. Students will feel more comfortable asking for assistance and clearing up any questions they may have about the material.**
- **To improve their comprehension of the subject, simple-language books and extra reading material are made available to slow learners.**

File Description	Documents
Link for additional Information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_2_1_learners.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
787	79

File Description	Documents
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

Participative learning

- **Students are encouraged to participate in many online courses, value-added courses, competitive examinations, conferences, seminars, workshops, and hands-on training to enhance their technical abilities.**
- **Students are encouraged to participate in group discussions and quizzes that enhance critical thinking and problem-solving abilities.**
- **The Institute organizes many guest lectures by industry professionals on working methods and employment-related topics.**
- **Students are encouraged to participate in various social activities, such as NSS, YRC, and RRC, which promote social consciousness, leadership qualities, and a sense of responsibility in the student body.**
- **Students are encouraged to participate in sports, cultural activities, and games, which foster sportsmanship, teamwork, leadership, and decision-making skills.**

Experiential Learning:

- **Laboratory sessions, mini and major projects, and hands-**

on training programs develop the working model's skills of the students.

- Project Expo and Idea Presentation events conducted in the institution explore the practical potential among the students.

- In-plant training and Internships are enriching the practical knowledge of the students.

- Field visits and industrial visits are helpful for the real-time learning experience

Problem-Solving Methodologies

- Students actively participate in many competitions like Coding contests, Design projects, and Hackathon contests and have an opportunity to improve their programming and analytical skills.
- Tutorial classes are arranged for the students to improve their academic performance and study habits of the learners.
- The institute organizes several coaching programs to help the students prepare for competitive exams such as GATE and TANCET, etc,

File Description	Documents
Upload any additional information	View File
Link for additional information	https://biew.ac.in/wp-content/uploads/2024/03/c2_3_1_learning.pdf

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

The institution installed ICT facilities in many of its classrooms, seminar halls, and conference halls, promoting the use of modern technologies in the teaching and learning process. The ICT tool is used for special lectures, field studies, case studies, and experimental methods. Faculty members effectively delivered lectures to students via PowerPoint presentations and video lectures.

List of ICT- enabled tools:

- **Projectors**
- **Printers**
- **Scanners**
- **Video lectures through YouTube animation, lecture videos, and NPTEL Videos**
- **Online Classes through Zoom, Google Meet, and Google Classroom**
- **Monograms**
- **Digital Library with DELNET facility**
- **PowerPoint presentations**

The ICT-enabled teaching-learning process is supported by regular practical sessions, access to a digital library, online courses, online journals, online tests, and the effective use of educational videos.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_3_2_ict.pdf

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

2.3.3.1 - Number of mentors

79

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

63

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

15

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

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

2.4.3.1 - Total experience of full-time teachers

313

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Our college is being affiliated to Anna University, Chennai. The Internal Assessment is conducted as per the schedule given by Anna University, Chennai.

Regulation

No.of Theory Assessments

No.of Practical Assessments R2017 3 1 R2021 2 1

THEORY COURSES

Each internal assessment is to be conducted for 100 marks and for R 2021 it will be distributed in two parts viz., Individual Assignment/Case study/Seminar/Mini project and Test with each having a weight age of 40% and 60% respectively. The total internal assessment marks shall be proportionately reduced to a maximum of 40 and 20 marks for R 2021 and R 2017 Respectively.

LABORATORY COURSES

The maximum marks for Internal Assessment shall be 60 and 20 marks for R 2021 and R 2017 respectively. The criteria for arriving at the Internal Assessment marks of 60 and 20 are as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be converted into a maximum of 60 and 20 Marks for R 2021 and R 2017 respectively.

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_5_1_ec.pdf

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

The Students can directly clarify their internal exam related grievances directly with subject's staff or through class

committee.

CLASS COMMITTEE

Every class shall have a class committee consisting of faculty members of the class concerned, student representatives and a chairperson, who is not teaching the class. This committee will analyze the performance of the students of the class after each test and finding the ways and means of solving problems, if any. This committee also Identifies the slow-learners, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such students.

COURSE COMMITTEE

The 'Course Committee' comprising all the faculty members teaching the common course shall meet in order to arrive at a common scheme of evaluation for the test and shall ensure a uniform evaluation of the tests. Wherever feasible, the Course Committee may also prepare a common question paper for the internal assessment test(s).

The marks and attendance earned by the students for a particular assessment period is directly entered in the Anna University, Web Portal and will be viewed by the students

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_5_2_ec.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute has formulated a well-defined Vision and Mission for each department with the guidance of the

Department Advisory Committee (DAC) and Internal Quality
Assurance Cell (IQAC). The department formulates the
Programme Educational Objectives (PEOs), Program Specific
Outcomes (PSOs) for each Programme Outcomes (POs), and Course
Outcomes (COs) for all the courses in the curriculum. All
outcomes results are analyzed and approved by Department
Advisory Committee (DAC). The institution organizes several
programs for faculty members to improve their knowledge of
the Programme Outcomes and Course Outcomes, moreover, faculty
members are advised to attend various Outcome-based Education
programs.

Faculties are concerned with various workshops and seminars
on Outcome Based Education (OBE). The approved Reports are
published on the Institute Website and communicated to
Various Stakeholders.

The Mechanism for dissemination:

After Vision and Mission approval, COs, POs, PSOs, and PEOs
are widely disseminated and publicized through various means,
including display and communication, as outlined below.

Formation of COs, POs, PSO, and PEOs:

The Graduate Attributes (GA) of the Engineering Program
defined by the Washington accord are adopted without
alteration as Program Outcomes (POs). Based on suggestions
from stakeholders, the PSOs were articulated and the
knowledge/skill/attitude level was determined via a series of
meetings.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://biew.ac.in/wp-content/uploads/2024/03/c2_6_1_poco1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

Theory and Tutorial Courses:

The evaluation of theory and tutorial course outcomes is based on internal test (IA test), assignment, tutorial, seminar, and university examination grades.

ii) The laboratory course outcome evaluation

Evaluation criteria for the theory and tutorial course outcomes include knowledge and understanding, communication, presentation skills, and student performance.

iii) Project evaluation:

The project course outcome evaluation is based on Project Execution, and Project Report.

- Calculation of Overall Attainment Level :

The procedure to calculate the overall attainment level is as follows:

a. Calculation of Direct Attainment:

Direct Attainment of COn= 0.8(Attainment through External Exams) + 0.2(Attainment through Internal Exams)

i) Attainment through External Examinations (University Examination):

The percentage of students who scored higher than the desired target on the university exam is used to calculate the attainment through external examinations.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://biew.ac.in/naac/2022-2023/CRITERIA2/2_6_2_atm.pdf

2.6.3 - Pass percentage of Students during the year

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

109

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://biew.ac.in/wp-content/uploads/2024/03/AQAR-IQAC-ANNUAL-REPORT-2022-2023.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://biew.ac.in/naac/2022-2023/CRITERIA2/2_7_1_sss.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

1.21

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

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

5

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://biew.ac.in/naac/2022-2023/CRITERIA3/3_1_2.pdf

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

16

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

23

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

129

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

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

 The students are a part of society, which is the outward expression of a unified existence. The improvement and prosperity of the community are so highly valued by our institution through its students. The Institute is committed to raising awareness of social and environmental issues among the students.The Institute coordinates a variety of extracurricular events to encourage institute-neighborhood community and to educate students about local issues.

 Our Institute has engaged with other local communities to carry out a variety of outreach and extension initiatives for the benefit of the exceptional students. We run Various clubs in our Institute such as National Service Scheme(NSS), Youth Red Cross(YRC), Red Ribbon Club(RRC) and student volunteers arrange various special camps and carry out regular activities for the benefit of rural students and people in an effort to change the public's perspective of cleanliness and raise awareness of a healthy environment.

Our College NSS unit was created for the purpose of serving to the local regional people with the help of our youngminds to accomplish the motto of National Service Scheme "NOT ME BUT YOU". Our NSSunit organized numerous Special camp on different themes.

File Description	Documents
Paste link for additional information	https://biew.ac.in/wp-content/uploads/2024/03/3_3_1.pdf
Upload any additional information	View File

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

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

1

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

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

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

4

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

225

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

786

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

6

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

Bharathiyar Institute of Engineering for Women was established in 2008. It is located on a calm, peaceful built-up area of 11517.08 sq.m. The campus that offers a excellent academic environment under rural comfort.

Bharathiyar has the state of the art facilities on almost all the aspects pertaining teaching learning process.

The state of art infrastructure make greater teaching learning environment. It has an excellent rural landscape.

Classrooms & Drawing hall/Auditorium

Each block/department has sufficient number of classrooms depending upon the number of disciplines.

The campus building has high standard class rooms with proper ventilation, state of art laboratories, auditorium, smart class rooms, library and indoor & outdoor playing grounds.

The college has three blocks of WI-FI enabled centre. It

consisting of 24 classrooms, 16 class rooms is equipped with ICT enabled & LCD projects with interactive chalk & board for teaching learning process.

The college has sufficient number of drawing halls with drawing tables for the access of students. Our institution has huge, fully air conditioned seminar hall with a seating capacity of 300 people in each department.

ICT Facility

The college having ICT facility including 310 computer , 5 laptops, wireless microphones, video, project sound system with internet facilities to conduct workshop, association activities, conference, guest lecture & online classes.

The entire institution is connected with local area networks of 100 Mbps. The institution has very high speed advanced server such as HP proLiant ML150 server, Intel Xeon inside, ERP Software, Linux server and web server.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_1_1_facility.pdf

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

Cultural activity

The auditorium & seminar halls are utilized for conducting cultural activities. The students are encouraged to perform cultural ceremonies are such as annual day , teachers day, women's day, farewell day & fresher day celebration.

Annual day is organized in every year and honor outstanding students in all areas including university rank holders, 100 percentage attendances, class toppers, subject toppers. The faculty members those who got 100% result in concern subjects were encouraged by memento with certificates. Every year exhibition is conducted during Engineer's day.

Gymnastic

A ladies gym with 76.32 square .meter is available. Intra college tournament are conducted every year. Gym hall is open for the students both morning & Evening time.

Yoga and Indoor Game Centre

A ladies Yoga centre and Indoor game centre each with 76.32 square .meter are available in D Block at our Institution. The college has one yoga centre. This centre is designed for both yoga & meditation for improving physical & mental health of students & faculty. Meditation class conducted every day morning. The yoga day is organized in every year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_1_2_geotag.pdf

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

24

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

24

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_1_3_ictclassrooms.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

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

77.94

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The library has a large collection of books, journals, e-books, magazines, and non-book materials with a separate reading room. A separate library building with 180 seat capacity. The library was computerized by ERP software and Library Management system (CampesiLIB) with Wi-Fi facilities.The library is linked to an ILMS, which consists of ten computers linked to a single server.All the e-journals and e-books are purchased by the library and accessed through software.Web OPAC is one of the online resources related to the availability of books, question banks,journals, CDs, project reports, etc.The library has a sufficient number of systems with an internet facility on-book material like CDs are also available in the library.The college library is always open for faculty members, and students during college hours and extra time also and the user's entry details are properly monitored.The college library has 33,639 volumes, 5913 titles, 8 numbers of newspapers, 60 periodicals, 30 international journals, 30 national journals, 12 magazines, 10167 e-journals for staff and student references.

Integrated Library Management System

The library was automated in the year 2008 using the software "ERP" and it was updated during the year 2016.The library was automated in the year 2022 using the software "Library Management Software (CampesiLIB)" and it was updated during the year 2022.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_2_1_software.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**B. Any 3 of the above**

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

73.13

File Description	Documents
Any additional information	[View File](#)
Audited statements of accounts	[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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

310

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

4.3 - IT Infrastructure

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

COMPUTER FACILITY:

The institution has 100 Mbps (Airtel) broadband line and 300 Mbps BSNL landline with 310 nodes covering the entire campus. The institution having 24 class rooms. The 16 class rooms, seminar Halls, Library, Faculty Halls, Exam cell, Conference Hall are ICT enabled with computer, LCD facility, LAN and internet connectivity for enhancing teaching learning process. The Wi-Fi facility has been provided to all students, teaching and non teaching faculties in and around campus and hostel. The total computers in the institutions are around 310.

The daily classes, seminars, motivational classes, Workshops, laboratory sessions and research works are held in ICT enabled class rooms and seminar halls. The subject materials, question bank, class notes are sent as softcopy through mail id for all students.

Wi-Fi ACCESS POINTS:

Campus is connected with Wi-Fi. Wi-Fi access points were installed in the following various locations. Wi-Fi access points are updated regularly. Free Wi-Fi facility are available in the college campus, most of the faculties use power point presentation for effective teaching Free National Digital libraries, e-books, journals, Gate books, Aptitude books and CDs are available for all students and faculty members. The orientation programs, Annual day function, seminars, Conferences, Association activities, various clubs, Symposium functions, Faculty development programs using ICT facility. NPTEL facilities are available for all students and faculty members.Placement training programs are conducted in every semester use ICT facility.Online test conducted in every semester through placement cell for all department

students use ICT facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_3_1_details.pdf

4.3.2 - Number of Computers

310

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

89.73

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Library facilities

The institution's digital library has many materials in all disciplines including sources like GRE,TOFEL, GMAT, and ISI codes in digital format. In addition, 535 audio and video cassettes are available in the department libraries. It provides several online electronic databases like IEEE, ACM, ASME, and ASCE online like CD-ROM databases

Integrated Library Management System

The library was automated in the year 2008 using the software "ERP" and it was updated during the year 2016.The library was automated in the year 2022 using the software "Library Management Software (CampesiLIB)" and it was updated during the year 2022.

Laboratories

The College offers 51 laboratories & Research project courses for students. Science laboratories-02, computer labs- 15 Electronics lab- 12, Electrical lab- 15,Civil lab- 07 and language lab- 01 with well equipped computers.

Sports facilities

A ladies gym with 76.32 square .meter is available. Intra college tournament are conducted every year. Gym hall is open for the students both morning & Evening time.A ladies Yoga centre and Indoor game centre each with 76.32 square .meter

are available in D Block at our Institution. The college has one yoga centre. This centre is designed for both yoga & meditation for improving physical & mental health of students & faculty. Meditation class conducted every day morning. The yoga day is organized in every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA4/4_4_2_audit.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

748

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

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

760

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

`A. All of the above`

File Description	Documents
Link to institutional website	https://biew.ac.in/wp-content/uploads/2024/02/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

`787`

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

`787`

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 has a transparent

`A. All of the above`

mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

114

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

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

5.2.2.1 - Number of outgoing student progression to higher education

8

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

1

File Description	Documents
Upload supporting data for the same	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/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

12

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

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

In many fine arts, athletic, and other departmental co-curricular activities, the student council is a major player. The Annual Quality Assurance Report of Bharathiyar Institute of Engineering For Women's association organizes a variety of extracurricular events, such as expert special lectures, paper presentations, seminars, workshops, symposiums, and student committees like the class, library, cultural, sports, health, and public awareness committees, internal quality assurance cell, discipline and anti-racism committee, and student welfare council. Regarding the faculty, subjects, syllabus, and other class-related matters, the members of the class committee present the opinions and recommendations of the entire class. Important days such as National Festivals, the birthdays of notable leaders, International Women's Day, National Youth Day, National Youth Awakening Day, National Unity Day, National Science Day, Consumer Club, International Yoga Day, Sports Day, Engineers Day, Teachers Day, Fresher's Day, tree planting, college property cleaning, etc. are also observed in a good manner by the student representative of the student council. They also plan celebrations for festivals like Pongal, Onam, etc. Annual sporting activities, including numerous team and individual competitions with prizes and keepsakes for the victors, are also organized by the student council.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_1_1.pdf
Upload any additional information	View File

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

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

34

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

5.4 - Alumni Engagement

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

BHARATHIYAR MAGALIR PORIYIYAR KALLURI MUNNAAL MAANAVIGAL
SANGAM

The Bharathiyar Magalir Poriyiyar Kalluri Munnaal Maanavigal
Sangam, an alumni association of the Bharathiyar Institute of
Engineering for Women, was registered under the Societies Act
(Registered Number: Sl. No: 38/2013).

The alumni association of Bharathiyar Institute of
Engineering for Women consists of 11 members and list is
given below.

S.NO

NAME

DESIGNATION

CATEGORY

1.

Dr.R.Punidha

Principal

Chair person

1.

Mrs.K.C.Kavitha

HOD / EEE

Faculty Co-Ordinator

1.

Mrs.R.Prema

President

Alumni Members

1.

Ms.S.Monica

Vice president

1.

Mr.S.Malathi

Secretary

1.

Mrs.D.Deepa

Joint Secretary

1.

Mrs.K.Kavitha

Treasurer

1.

Mrs.M.Nathiya

Joint Treasurer

1.

Mr.K.Kalaiselvan

Executive member

Faculty Members

1.

Ms.M.Romeeka Devi

Executive member

1.

Mr.M.karthikeyan

Executive member

File Description	Documents
Paste link for additional information	https://biew.ac.in/wp-content/uploads/2024/04/5.4.1-FINAL.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

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 and in tune with the vision and mission of the institution

Bharathiyar Institute of Engineering for women (BIEW) was established in 2008 by Sri Sakthi Educations Trust. The institute aims to improve rural women's higher education. Institute has decentralized governance and it has a great vision and mission for improving women empowerment.

Vision: To achieve the dream of Tamil Poet Mahakavi Bharathiyar "Kanavu Meipada Vendum", we committed to serve the State and the Nation by grooming Professionally Educated, broadly talented Women Engineering Graduates, developing innovative technologies through high quality Research and empowering Women Students to meet the challenges in the Society.

Mission:

- **To prepare our students by imparting knowledge with focuses on Academic Competence, Social Skills and Moral Values.**
- **To empower our students as capable Engineers with Inventiveness and Truthfulness to· Meet the Technological Challenges in their career.**
- **To develop our students as Intellectual Leaders to emerge in their Professions**

The institute is administrated by governing council and it consists of eminent management members, the Principal, a distinguished educationist, the Vice Principal, the Head of the Departments, and Faculty Members. The governing council meeting is conducted at regular intervals to ensure that Institution administration, policy making, initiative new ideas, and encounters the problems for the institution's growth.

File Description	Documents
Paste link for additional information	https://biew.ac.in/vision-and-mission/
Upload any additional information	View File

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

BIEW believes that good governance contributes to the growth and development of a successful institution. The Principal is the institution's leader and oversees administrative and academic processes. The objectives of this initiative are to decentralize governance and delegate tasks to senior officials and department heads. The principal implements governing council decisions with assistance from the vice principal. The Principal organize weekly meetings in the

principal room with all department heads to discuss academic
activities. The department head is responsible for ensuring
that departmental activities,such as timetable preparation,
laboratory maintenance, and monitoring faculty members and
students performance. The department head holds regular
meetings with all faculty members in the department faculty
hall to monitor the performance of the various committees

Decentralization and participatory management are essential
to the collective leadership and democratic values of the
organization. The institution focuses on integrating
pedagogies through the formation of an Academic committee and
an Examination committee with separate governance structures.
This strategic plan will serve as a guide for the
decentralized committees, and those committees must work
towards the achievement of the plan's objectives. The entire
process is based on a participatory approach in which
decentralized committees, faculty members, and other
stakeholders.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_1_2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Bharathiyar Institute of Engineering for Women (BIEW) was
founded in 2008 by the Sri Sakthi Educational Trust. A
Governing Council consisting of both academic and non-
academic members guides the Institute's growth and
development. The Governing Council meets on a regular basis
to discuss all major decisions and strategies regarding
academic and non-academic responsibilities and activities.

Strategic Plan:

The governing council prepares an annual plan for the
college's growth and development. It is being developed with
the participation of all internal and external stakeholders.
The management has a vision and mission to provide students
with a holistic education that instills academic excellence

as well as professional ethics in them throughout their time at the college. It emphasizes the importance of promoting technology-integrated development, global competence, and entrepreneurship among the student community and college faculty members. The strategic plans are towards institutional holistic development, infrastructure development, faculty strengthening, research and development, student career development, academic excellence, and examination reforms.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_2_1.pdf
Upload any additional information	View File

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

To ensure proper management of academic and general administrative matters, the institution has the following committees and cells.

- Governing Council Committee
- Discipline and Welfare Committee
- Internal Complaint Committee
- Anti-Ragging Committee/Squad
- Women Empowerment and Development Cell
- Placement and Career Guidance Cell
- Planning and Monitoring Board
- Internal Quality Assurance Cell

The tasks and responsibilities of the Head of Department (HoD) are listed below.

- Ensuring that policy decisions are implemented.
- Monitoring the department's day-to-day activities.
- Preparing budgets in accordance with the department's road map.
- Allocating subjects based on domain knowledge by obtaining faculty members' consent.

- **Assigning roles and responsibilities of non-academic work to faculty members**
- **Ensuring that the institute's performance appraisal mechanism is in place.**

Smart classrooms maximize the efficiency of the teaching and learning process. Each classroom is equipped with a high-quality projector capable of displaying stunning images, videos, and computer content. By utilizing the faculty-provided slides, videos, and other AV modules, students can listen to and view countless examples to comprehend concepts. The institution has a well-structured mechanism for the recruitment of teachers and other employees in accordance with its appointment policy and Service regulations.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_2_2.pdf
Link to Organogram of the Institution webpage	https://biew.ac.in/naac/c6_2_1_admin_setup.pdf
Upload any additional information	View File

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)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Effective Welfare Measures

The institution has welfare measures and schemes for both teaching and non-teaching staff members.

The following benefits are provided to all the employees of the organization.

- Transport facilities are provided for all the employees free of cost
- Institute encourages faculty members to present their innovative ideas at conferences and seminars by covering registration fees and TA/DA.
- Reimbursement of publication fees for papers published in national and international journals.
- The insurance is offered to all the employees of the college
- The provident fund scheme is available for all the employees
- Casual Leave, Medical leave and Maternity leave are provided to all staff members.
- Institute provides vacation leaves around 3 weeks for each semester
- Institute provides 24/7 Internet and Wi-Fi facilities
- Institute organized an annual tour for all the working employees to Recreate, Renew & Refresh them
- The canteen provides hygienic food at the subsidized rate
- Coats are provided for all female faculty members in order for them to teach comfortably.
- Lab coats are provided to the lab instructors and lab assistants

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_3_1.pdf
Upload any additional information	View File

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

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

36

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 programs organized by the institution for teaching and non-teaching staff during the year

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

165

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

during the year

123

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

A good performance management system works towards the improvement of the overall organizational performance of teams and individuals for ensuring the achievements of the overall organizational mission and vision.

Career development

- The non-doctoral faculties are encouraged to register for Ph.D.
- The faculties are motivated to attend various conferences, Faculty Development Programs, workshops and seminars.
- The non-teaching staff is encouraged to improve their qualification.
- Improve the non-teaching staff's soft skills and computer knowledge.

The various welfare policies are intended to benefit both teaching and non-teaching staff. Recognition, acknowledgment, and support from management have resulted in personal and professional growth among teaching and non-teaching staff.

In this scheme, the performance s is classified into three categories.

1. Teaching, Learning and Evaluation related activities

2. Co-Curricular, Extension and Professional Development related activities

3. Research Publications.

The BIEW has developed the following objective assessment system for improvement.

The three level evaluations involve:

Result Percentage,Contribution to Development of Institution and Students, Contribution to Research & Development, Publication in National & International Conference, Journal Publication, Project Work, Self-development, and Discipline & Team work. The teaching staff has gained the knowledge and experience with the result of the following assessment policy.

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

6.4 - Financial Management and Resource Mobilization

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

BIEW emerges in 2008 and successively running with many improvements and development under the guidance of Sri Sakthi Educational Trust. The institution has a well-organized and well-planned process for raising funds and resources. Treasurer, Principal, Department Heads, and Accounts Department are all participants in this process, and they operate within the framework of predetermined guidelines for the allocation of institute funds and resources. The Treasurer is in charge of the college's financial administration.

Financial Audit:

The Finance committee audits all documents every financial

year. The audits are being carried out by an internal and external auditor.

The audit procedure is shown below.

1. Incomes and Expenses

a. Vouchers, supporting bills and invoices are verified.

b. Approvals and authorization are verified with Instructions

c. Accounting of expenses according to the nature of the expenses are verified.

2. Fees receivable statements are verified with the books of account.

3. Bank Reconciliation Statement (BRS) Statements of the financial year are verified to ensure the outstanding payables and receivables.

4. Salary statements and payments are verified with the payroll reports provided by the HR Department. 5. Analytical procedures are followed to assess the overall correctness of the books of accounts.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_4_1.pdf
Upload any additional information	View File

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

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

0.38

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

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

The institution has a well-organized and well-planned process for raising funds and resources. Treasurer, Principal, Department Heads, and Accounts Department are all participants in this process, and they operate within the framework of predetermined guidelines for the allocation of institute funds and resources.

Mobilization of Funds:

BIEW is a self-financing organization with a transparent financial management structure. The major source of funds is the collection of fees (tuition and hostel fees), which are collected in accordance with the guidelines of the affiliated university. In addition, the fund was mobilized from several government and non-government sources.

Optimal Utilizations:

An annual budget is created by the administration and finance committee, who also keeps track of how the funds are being used. The cost is primarily determined by the importance of meeting academic requirements. The majority of financial resources are spent on paying salaries, building and maintaining infrastructure, paying taxes, upgrading lab equipment and chemicals, service providers, purchasing library resources, using sports facilities, and providing publication incentives, among other things. All departments received funding from the institute, which was used for departmental tasks like planning conferences and seminars as well as other tasks.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_4_3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) was established in 2017 in accordance with NAAC guidelines. The IQAC coordinator has been designated to ensure that the institution's policies are followed. BIEW's internal quality assurance cell (IQAC) has been working on developing the institution's quality and monitoring performance indicators. IQAC assists in gathering feedback from internal and external stakeholders, as well as others, for the Institute's academic and administrative improvement.

The objectives of IQAC are:

- The IQAC's primary responsibility is to create a system for conscious, consistent, and catalytic improvement in the institute's overall performance.
- To contribute to the continuous improvement and integration of educational services, co-curricular and extra-curricular activities.
- To promote institutional quality enhancement measures through the internalization of quality culture and the institutionalization of best practices.

IQAC strategies are followed as,

- Implement the various teaching-learning methods
- Increase the ICT usage
- Expand the scope of the library
- Organize skill development courses
- Arrange the industrial visit/training for the students
- Conduct placement activities
- Organize seminars, conferences, workshops and guest lectures
- Conduct training programs

- **Career consultations (higher studies, developing communication and interpersonal skills of students for interviews).**

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_5_1.pdf
Upload any additional information	View File

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

IQAC enhances the effectiveness of the institution's activities by implementing the strategies. IQAC makes recommendations for the improvement of the teaching and learning process through the use of innovative teaching and learning methods, guest lectures, video lectures, supportive classes, problem-based learning, student-assisted instruction, creative thinking, student seminars, and the application of ICT tools and PowerPoint presentations. IQAC encourages various committees and cells such as NSS, YRC, RRC, and the alumni association to organize many awareness camps, extension projects, and service-oriented activities. IQAC conducts academic and administrative audits every two years once and verifies all the documents. IQAC monitors all curricular, co-curricular, and extracurricular activities and holds two review meetings per year with academic coordinators and department heads. The committee prepares and submits reports to the chairperson.

Feedback is collected from students, faculty members, parents, alumni, and management. The institution consolidates the feedback and scrutinized and data analyzed. The feedback is also collected from academic and industrial experts who visit the institution, recruiters, alumni, students, and other stakeholders. Based on the feedback, appropriate actions are taken to enhance and improve the quality of various aspects, such as the curriculum, infrastructure, and research facilities, resulting in student progression and high-quality research.

File Description	Documents
Paste link for additional information	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_5_2.pdf
Upload any additional information	View File

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

File Description	Documents
Paste web link of Annual reports of Institution	https://biew.ac.in/naac/2022-2023/CRITERIA6/6_5_3.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Women Empowerment Cell (WEC) of Bharathiyar Institute of Engineering for Women is dynamic in taking care of the safety and security of girl students in our institution. Our college hosts a number of programmes through WEC on a regular basis where specialists from various fields give lectures to raise awareness about women's safety. Our college takes numerous

steps to ensure that our female students have equal access to academic, co-curricular, and extracurricular opportunities. Hence, we have taken measures to tighten security in our campus.

A suggestion box has been placed on the premises of the college to ensure Redressal of grievances and create proactive response to student's requirements. To safeguard the security of female students, both the institution and the dorm employ round-the-clock security services.

International Women's Day is celebrated every year during with eminent women personalities, qualified doctors and psychologists are invited to teach our students on how to manage a mixed gender classroom and work place.

Many workshops and presentation about workplace issues they may face in real life and how to prevent sexual harassment. Experts from many fields are invited as chief guests to share their opinions on topics relating to women and to throw light on traits that are necessary for women to be empowered and to successfully navigate the challenges of this current age.

File Description	Documents
Annual gender sensitization action plan	https://biew.ac.in/naac/2022-2023/CRITERIA7/7_1_1_ge.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://biew.ac.in/naac/2022-2023/CRITERIA7/7_1_1_facility.pdf

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

File Description	Documents
Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

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Solid Waste Management:

  1. The major solid waste which is generated in the campus
     includes Paper and Leaf litter waste.
  2. Segregation of waste from the dustbins is done
     regularly, thus maintaining the campus and keeping it
  3. Take initiative to spread awareness amongst student
     about minimize the use of packaged foods.
  4. Metal waste is stored and given to authorized scrap
     agents for further processing.
  5. The examination papers are collected and sent for
     recycling by local vendors.


E-Waste Management:


  1. The new components of computer and electronic
     instruments are purchased under Buy Back Scheme so that
     we do not accumulate E-Waste.
  2. Batteries for UPS systems are maintained by suppliers,
     repaired batteries are taken by suppliers.
  3. The E-Waste is being disposed through authorized
     vendors.
  4. Review periodically the effective functioning of CPU's
     and monitors and expert recommendations are followed to
     dispose the same in the market.


Biomedical Waste Management:


  1. Sanitary napkins are disposed by incinerating in the
     Sanitary Napkin Incinerator.
  2. Hazardous Chemicals generated from chemistry and
     chemical waste are collected separately in a container
     and disposed periodically.
  3. The chemical containers like bottles for disposal must
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have clear labels with details of the contents.

4. Hazardous and Radioactive materials are not used at our college premises.

5. All laboratories have safety rules displayed to ensure safety, which including details for disposal of chemicals and other material.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://biew.ac.in/naac/2022-2023/CRITERIA7/7_1_3_geotag.pdf
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
Geo tagged 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 with trees and plants	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

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

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

Bharathiyar Institute of Engineering for Women provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

Our Institution is a secular campus which values equal all religions, languages and cultures equally. The students come from various socio economic and communal backgrounds. A multitude of efforts are taken to help the students adapt into the college mainstream and get the benefits of all the opportunities provided by the institution. In addition, the students are taught about their rights and responsibilities as dutiful citizens of this nation. They are encouraged to become responsible professionals who contribute to the well being of the nation. Initiatives taken by our college to ensure tolerance, harmony, cultural, regional, linguistic and communal socioeconomic, values, rights duties and responsibilities: Celebrating the National festivals, seasonal festival changes student's attitude towards mother Earth and nature.

Religious festivals teach students about the importance of family, tradition and values International festivals will create an increased cheerful ambiance and deepen the bonds with other races. Orientation to fresher's regarding college rules and regulations and the opportunities available during their course of study. Equal opportunities are given for all students in both academics and Placement regardless of their

religion and socio-economic background. Our college celebrates Annual Cultural day, and Women's day etc.

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

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

BIEW takes pride in the fact that apart from preparing a sound academic foundation of the student community; the college constantly works upon to develop them as better citizens of the country. In this regard, the institute, apart from imparting professional legal education, inculcates a feeling of oneness among the student community through various practices and programs. Various faculties have always been in the practice of organizing activities that not only initiate but also motivate the students to adopt various practices that promote the "Unity in Diversity" of our motherland.

Our college regularly conducts events such as Dengue Awareness Programme, Health camp, National Identities like Independence Day, Republic Day , Constitution Day and Women's Day Celebration through these events, awareness has been created among the students about our constitution, duties and responsibilities of a citizens. Professional ethics is essential for undergraduate students to learn about the ethics of professions and their social contributions. Environmental science and Environmental Impact Assessment also teaches moral and social values by preserving the ecosystem and environment. The Constitution of India teaches the fundamental rights and duties of a citizen. The UG and PG students are studying the subjects Universal Human Values, for understanding the constitutional obligations about Environment and Human Values. The various social activities organized by the institution through NSS and YRC also contribute to inculcate human values.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 4. Annual awareness programmes on 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 programs etc., in support of the claims	View File
Any other relevant information	View File

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

BIEW celebrates National and International days enthusiastically every year. All staff members and students gather in our college to celebrate these days. Celebration of cultural and constitutional festivals is integral part of college's co-curricular activities.

A function is organized in the college campus where all staff members and students share their thoughts pay tribute to all freedom fighters who sacrificed their lives in order to gain the freedom for the India.

Republic Day and Independence Day are celebrated every year with great enthusiasm and pride in the college on 26th January and 15th August. Besides these two national days celebrated in our institution so that students get knowledge about the great personalities in our political, social, cultural and scientific history such as Mahatma Gandhi, memorial day of Dr.A.P.J.Abdul Kalam, Teacher's Day, Engineer's Day, National Science Day etc.

Every year on March 8th, our college observes International Women's Day to honour women who have significantly contributed to the advancement of their gender. Also on June 21st, the college observes International Yoga Day to promote awareness of the various advantages of yoga practice. It is commemorated to raise awareness of the value of and benefits of yoga for human health. To honour Dr. Sarvepalli Radhakrishnan's birth anniversary, Teacher's Day is also observed on 5th September. Every year, on October 2, Mahatma Gandhi's birthday is commemorated in order to honour his goal of a clean India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	[View File](#)

7.2 - Best Practices

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

Best Practices 1

Field Trip and Industrial Visits for Students

In order to bridge the gap between classroom teaching and

practical working environment, understanding industry operations and to increase the interaction with industry professionals, industrial visit and field trips was arranged for students to the places such as NLC, Aavin Regional Meteorological centre etc. This practice improved the job prospects of our students, initiate the thought of preparing for gate exams and helps in understanding the subjects.

Best Practices 2

Incubation Centre

Incubation centre encourage our students and faculty for innovation, idea generation and product development. It also promotes New Technology/ knowledge/ Innovation based start-ups. Through incubation centre our students created many technical models which motivated our students to participate in the hackathons, enhanced the student's interest towards entrepreneurship and increases the student's interest of learning.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

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

Bharathiyar Institute of Engineering for Women (BIEW), the first and one and only women's Engineering college in the Salem district, was founded in 2008 under a self-financing category affiliated with Anna University, Chennai. The aim of the institute is to empower rural female students. The college's vision and mission are to empower women through science and technology-focused higher education. This is accomplished through value-based, skill-oriented education, research, and training, as well as creativity and diversity. The college's curriculum is unique in that it offers a wide range of different, flexible, and cross-disciplinary courses that meet the social and economic needs of the region, the country, and the world. The college is located in an easily accessible area, and it provides a exclusive opportunity for

female students from rural areas. In addition, the college provides transport facilities approximately 60 kilometers from the campus, which helpful to facilitating access of college.

The institution has launched several professional courses in expanding fields to address the challenges facing the global community.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. Motivating Staffs, PG and UG students to submit research articles to reputable journals.
2. Encouraging active participation among students in hackathons.
3. Enhancing students' readiness to take gate exams.
4. Assisting students in preparing for government exams.
5. Striving to achieve autonomous status for our college.