



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

BHOJ REDDY ENGINEERING COLLEGE FOR WOMEN

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Bhoj Reddy Engineering College for Women, affiliated with JNTUH, was established in 1997 with the aim of imparting technical education to women. The college is administered by Sangam Laxmibai Vidyapeet, a registered voluntary social action group dedicated to empowering women and girls through education since 1952. The college campus has the unique advantage of being located in the heart of the city yet free from noise and dust pollution. With considerable open space and greenery spread over 6.5 acres of land, the campus provides an ideal ambience for the engineering education of girls.

Presently, the college offers CSE, CSE (AI & ML), ECE, EEE and IT branches. The academic performance of students has consistently been outstanding, with a pass percentage of 85 to 90. Renowned for its excellent academics, modern infrastructure, and picturesque environment, it provides a safe and secure learning environment for women. It has well-equipped classrooms, state-of-the-art laboratories, a central and a digital library, seminar halls, a well-maintained playground, sports facilities, ample parking, and an efficiently functioning canteen.

The institution is dedicated to delivering value-based education and instilling discipline, strong moral, and ethical values among students. Co-curricular and extra-curricular activities are also encouraged with a view towards the holistic development of students. The college is highly preferred by students who secure top ranks in the state-level entrance examination. Recognizing teaching and learning as lifelong endeavors, the college emphasizes continuous professional development of its staff. Staff members are encouraged to participate in various professional learning opportunities to stay abreast with current trends in teaching methodologies and curriculum advancements.

The Training and Placement Cell provides continuous training, career guidance, and employment opportunities to students. It has built up an impressive placement record, both in terms of the percentage of students placed and the number of reputed companies visiting the campus.

Furthermore, BRECW's commitment to empowering women extends beyond the classroom, with initiatives aimed at enhancing professional growth, fostering entrepreneurship, and promoting gender equity in STEM fields. The college actively collaborates with local organizations and NGOs to address societal issues and nurture social responsibility among its students.

Vision

BRECW develops confident and articulative young women into dynamic Engineers equipped with skills, knowledge, values and an attitude to contribute to the society.

Mission

M I: BRECW is committed to providing a challenging, enriching, safe and supportive technical learning environment through its core values of responsibility, respect and compassion.

M II: Fosters intellectual, spiritual and personal development of young women so that they develop the tools necessary to lead meaningful lives.

M III: Offers academic curriculum along with an extensive co-curricular program with the support of dedicated staff who ensure that students identify their strengths and develop their skills such as teamwork, leadership, creativity and entrepreneurship.

M IV: Develops independent, adaptable thinkers with a passion for learning, courage to take risks and initiative to apply what is learned.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Institution exclusively for women.
- The institute's location promotes inclusivity and diversity in the college.
- A vast eco-green campus free from noise and air pollution.
- Excellent infrastructure, including well-equipped laboratories, seminar halls, ICT- enabled classrooms, a library, and a computer center, all with an uninterrupted power supply and generator backup.
- Well-qualified and experienced faculty.
- Excellent training and placements for students.
- Implementation of the seventh pay scale.
- Gold medals and cash awards for regular and meritorious students.
- Regular counselling and mentoring of students.
- Dedicated and ethical work culture, emphasizing professionalism.
- Transparency in all aspects, including admissions, examinations, aligning with government regulations, and complying with the RTI Act.
- Promotion of curricular, co-curricular, and extra-curricular activities for an enriching learning environment.
- Provide support to faculty for research and participation in FDPs, workshops, conferences, etc.
- Academic excellence is evident through university gold medallists.
- Faculty recruitment process by the Staff Selection Committee appointed by JNTUH, ensuring academic excellence and expertise.
- Sustainability practices by utilizing renewable energy sources, such as solar power plants, which contribute to environmental conservation.
- Distinguished and high-profile alumni who are in the highest echelon of society, politics, culture, and administration in India and abroad.
- Seamless connectivity and access to information through a local area network and a high-speed internet system with a bandwidth of 300 Mbps.
- RO water facilities are available on campus, ensuring the well-being and health of students and staff.

Institutional Weakness

- Faculty engagement in pursuing Ph.D. is limited.
- Weak industry-institute interaction
- There is less entrepreneurial acumen among students owing to their background.
- Lack of externally funded research projects.
- Lower alumni participation in the overall development of the college.

Institutional Opportunity

- Explore new academic programs or specializations that addresses emerging industry trends and students interests.
- Encourage more faculty members to pursue PhD to enhance college academic credentials.
- Tap into the knowledge resources of alumni.
- Facilitate academic and industrial collaboration.
- Address the need for facilities such as bank ATM, post office, etc. on campus to benefit all stakeholders and save time.
- Pursue research grants and collaborations.
- Modernize classrooms with smart boards.
- Organize in-house pedagogical training, faculty development, and staff development programs.
- Promote industry linkage for training and placement.
- Establish an entrepreneurship development cell to groom a spirit of self-reliance and entrepreneurship among students.
- Implement a Student Association Council to further the cause of the student body and facilitate coordination with the faculty and management.
- Offer a dedicated e-library for students and faculty to access online books and journals anytime, anywhere.
- Provide dedicated career guidance and counselling services for students seeking higher education, overseas opportunities, and placements.
- Establish departmental research centers and enhance consultancy activities to generate internal revenue.
- Utilize computer networking facilities to connect with national and international agencies for knowledge resources and dissemination.

Institutional Challenge

- The fast pace of developments in technology and the emergence of new specializations in engineering and technology leading to the ever-changing demands of the industry.
- Gap between academia and industry.
- Attracting reputed companies with higher packages for placements.
- Increasing importance is given to the quantity of research papers published, diluting the quality of

research and teaching.

- Motivating students for competitive exams like GATE, GMAT, etc.
- Lack of faculty in emerging areas.
- Poor schooling of the students and a lack of basic knowledge on some subjects create a problem in the progress of the curriculum.
- Lack of interest among bright engineers in pursuing teaching as a career leading to dearth of qualified faculty in engineering and technology.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Bhoj Reddy Engineering College for Women (BRECW) is affiliated to JNTUH and follows JNTUH's curriculum for all of its programmes. The institution works tirelessly to fulfil its vision and objective of producing qualified human resources through high-quality education by fostering innovation in the classroom and encouraging creativity.

A clearly defined curriculum that satisfies industry standards and the demands of several stakeholders should be offered by the college. The activity schedule is created meticulously following the dates on the university's academic calendar. The affiliated university releases a 16-week academic calendar for the semester, with the exception of one week for practice and preparation, one week for midterm exams, and one week for external laboratory exams followed by a two-week period for external exams. Teachers working at the institution contribute to the curriculum development.

The following measures are taken to ensure effective curriculum delivery.

1. Academic Advisory Committee.
2. Timetable Committee
3. Head of the Department (HOD)
4. IQAC (it advise to the Head of the Institution)

Curriculum delivery includes lesson plans, teaching diaries, lesson plans, creative pedagogical approaches, ICT resources, and the university's approved syllabus along with its mapping of the POs, PSOs, and COs.

Incorporation of additional courses, workshops, seminars, and projects to supplement the core curriculum. Integration of industry-relevant skills, research-oriented projects, and community engagement activities.

Offering extracurricular activities, clubs, competitions, and enrichment programs that complement and extend the curriculum, allowing students to pursue their interests, talents, and passions beyond the classroom.

Establishment of mechanisms to gather feedback from students, faculty, alumni, and employers regarding the curriculum. Utilization of feedback to identify areas for improvement and enhance the quality of teaching-learning processes.

The college provides, Grievance Redressal Cell and Women Protection Cell. It plays crucial roles in upholding

the values of fairness, equity, and respect within the institution, contributing to its overall academic and social well-being.

Teaching-learning and Evaluation

The institute is committed to fostering a dynamic teaching-learning environment that promotes excellence and innovation. The institution's adherence to teaching-learning evaluation is reflected in its comprehensive approach to education, utilizing various strategies to ensure effective learning outcomes.

With an admission enrolment rate of 96.72% through prestigious entrance exams such as JEE and EAMCET. BRECW attracts a diverse pool of students from different backgrounds and categories. This diversity enriches the learning experience and contributes to a vibrant academic community.

The institution utilizes ICT tools extensively to facilitate interactive and engaging teaching-learning experiences. Access to computer systems, internet and LCD projectors facilities enables faculty members to deliver content effectively

The institution maintains well-qualified and experienced faculty members, maintaining a Faculty-Student ratio of 1:19 as per AICTE norms. Faculty members meticulously prepare course files and utilize various teaching methods, including Chalk and Talk, PPTs, NPTEL Videos, guest lectures, seminars and workshops, to enhance student understanding and engagement.

Participative learning is actively promoted through various initiatives like encouragement is given to students to pursue certification courses, enhancing their expertise. Regular seminars enhance presentation skills and technical knowledge base among students. Students undertake mini and major project works related to research, facilitating practical learning.

Transparency is reflected in internal assessment processes and promptly addresses examination-related grievances. Parents are kept informed of student performance through SMS and email, fostering communication and accountability. Remedial classes are conducted for students requiring additional support, ensuring inclusivity and equity in education.

Bhoj Reddy Engineering College for Women demonstrates a robust teaching-learning framework that emphasizes practical learning, critical thinking, and continuous improvement. Through experiential and participative methodologies, coupled with effective assessment mechanisms, the institution nurtures competent and well-rounded professionals prepared for the challenges of the industry.

Research, Innovations and Extension

The institution encourages innovation, entrepreneurship, and community involvement, creating a lively environment that encourages academic success and social awareness. In the last five years, it has shown strong dedication to research, creativity, and outreach, making a notable difference for students and the local community alike.

BRECW actively encourages faculty members to engage in initiatives such as patent filings, paper publications, and contributions to book chapters. This proactive approach not only fosters a culture of innovation within the

college but also contributes to the advancement of knowledge across various fields.

The institution organizes seminars, workshops, and guest lectures regularly, focusing on research methodology, Intellectual Property Rights (IPR), and entrepreneurship. Over the last five years, a total of 75 such events have been organized within the college premises, providing valuable insights and networking opportunities for both faculty and students.

Through its National Service Scheme (NSS) Committee and Unnat Bharat Abhiyan (UBA), BRECW conducts various extension activities with a profound impact on the neighborhood community. Initiatives such as food and clothes donation drives, plastic awareness campaigns, COVID-19 relief efforts, AIDS awareness programs, Haritha Haram, and Swachh Bharat have not only addressed pressing societal issues but also sensitized students to the importance of social responsibility and active citizenship.

BRECW maintains collaborations with industry through Memorandum of understanding (MoUs), ensuring that its curriculum remains aligned with the evolving needs of the industry. This strategic approach equips students with the requisite skills and knowledge to excel in their respective fields upon graduation, enhancing their employability and readiness for the professional world.

BRECW holistic approach towards research, innovation, and extension activities underscores its commitment to nurturing socially responsible individuals and fostering academic excellence.

Infrastructure and Learning Resources

Nestled within a sprawling 6.43-acre verdant expanse, Bhoj Reddy Engineering College for Women stands as a beacon of academic excellence, fostering a conducive environment for holistic development through its meticulously maintained physical infrastructure and state-of-the-art facilities.

Classrooms, the cornerstone of academic discourse, offer spacious and well-illuminated settings equipped with modern amenities, including projectors and ergonomic furniture, facilitating an immersive teaching-learning experience. Laboratories, meticulously curated to meet AICTE and JNTUH standards, ensure practical applicability of theoretical knowledge with stringent safety measures in place.

Tutorial rooms serve as incubators of personalized guidance, nurturing academic growth and fostering an environment conducive to clarifying doubts and engaging in remedial sessions. Four seminar halls, replete with modern amenities like LCD projectors and public address systems, resonate with the vibrant exchange of ideas through seminars, workshops, and guest lectures.

At the heart of scholarly pursuits lies the central library, a haven for bibliophiles boasting a vast repository of 38792 volumes spanning diverse disciplines, complemented by digital resources like IEEE, JGATE, and DELNET subscriptions. Meticulously curated reading rooms provide tranquil sanctuaries for intellectual exploration, augmented by digital access and an integrated book banking system.

The college's commitment to holistic development extends beyond academia, manifesting in its robust sports facilities catering to indoor and outdoor pursuits, promoting physical well-being and sportsmanship. A bustling canteen offers culinary delights amidst ample seating, fostering social camaraderie and nourishing both body and soul.

In the realm of technology, Bhoj Reddy Engineering College for Women stands at the vanguard, boasting a comprehensive IT infrastructure comprising 990 systems interconnected through a high-speed network, facilitating seamless access to digital resources and e-learning platforms. Bio-metric devices ensure efficient faculty monitoring, while administrative offices and departments are equipped with advanced computing systems, streamlining administrative processes.

Thus, enveloped within its lush green campus, Bhoj Reddy Engineering College for Women epitomizes a holistic educational ecosystem, seamlessly integrating academic rigour with extracurricular enrichment and technological innovation to nurture empowered leaders of tomorrow.

Student Support and Progression

Over the last five years, the institution has implemented various initiatives aimed at empowering students and facilitating their academic and professional growth.

Approximately 80% of students have benefited from scholarships and freeships provided by both the institution and the government. These financial aids alleviate the financial burden on students and ensure equitable access to education.

BRECW organizes capacity development and skills enhancement activities to improve student's capabilities. These include workshops and training sessions focused on soft skills, language and communication skills, life skills, and awareness trends in technology (ICT) over the past five years. Such initiatives prepare students for the challenges of the professional world and enhance their employability.

Students have received guidance for competitive examinations and career counselling offered by the institution. This support helps students make informed decisions about their academic and career paths, thereby enhancing their prospects for success. In the last five years, 55.43% of outgoing students have secured placements, while a significant number have progressed to higher education. Around 20% of students have qualified in state, national, or international level examinations over the past five years, highlighting their academic excellence and competitiveness on a broader scale.

The institute has a strategic plan for the redressal of student grievances and ragging cases. The institution has both online and offline mechanisms for submitting student's grievances, ensuring timely redressal through appropriate committees. This ensures a safe and conducive learning environment for all students.

Students have received 516 awards/medals for outstanding performance in sports and cultural activities at various levels. On average, 35% of students have participated in sports and cultural programs organized by the institution or other institutions annually over the last five years. This active involvement promotes teamwork, creativity, and cultural exchange among students.

BRECW Alumni Association plays a pivotal role in fostering reciprocal interaction, alumni involvement for institutional advancement, support in placement endeavours, academic guidance, and overall student development. The association's objectives align with the institution's vision of nurturing well-rounded professionals.

Governance, Leadership and Management

The Telangana government has approved the institution, which is recognised by AICTE and associated with JNTUH.

The Society's primary goal is to see BRECW grow into a significant technical institution and achieve its goals.

Vision: BRECW develops confident and articulative young women into dynamic Engineers equipped with skills, knowledge, values and an attitude to contribute to the society.

Mission: BRECW is committed to providing a challenging, enriching, safe and supportive technical learning environment through its core values of responsibility, respect and compassion.

To provide an effective teaching and learning environment that promotes excellent future technocrats

To maintain the highest standards for instruction, enrichment, and excellence in the delivery of professional education by highly qualified faculty in order to develop students into Socially Responsible Professionals via the creation of teamwork, creativity, and research.

The institution's three most significant committees are the College Academic Committee, College Management Committee, and Governing Body.

Together, the staff and faculty, the principal, the director, the board of governors, and management always step in to establish and implement high-quality policy plans.

In addition, the campus includes a Women Empowerment Cell that handles complaints and other issues from female students.

The faculty appraisal process has shown to be an essential tool for maintaining talent on campus and guaranteeing faculty satisfaction.

The college acknowledges the accomplishments of the faculty, including publications, honours, prizes, etc. The college has offered computer skills training as well as Executive Development Programmes (EDP) courses to help students communicate more effectively in English.

Every financial transaction is completed in accordance with accepted standards. In accordance with AICTE guidelines, the audited reports are posted on the college website.

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The college acknowledges the accomplishments of the faculty, including publications, honours, prizes, etc.

Institutional Values and Best Practices

BRECW is deeply committed to upholding institutional values and implementing best practices that prioritize holistic development, environmental sustainability and community engagement.

The institution has been actively promoting gender equity and sensitization through various initiatives. The institution has implemented measures to promote gender equity, both in curricular and co-curricular activities. Steps are taken towards creating a sustainable and eco-friendly campus environment. Initiatives such as solar plants, rainwater harvesting pits and borewell systems contribute to environmental conservation and energy efficiency. The institution's commitment to environmental sustainability is further evidenced by its possession

of environment and energy audit certificates with ISO certifications.

An environment of cultural harmony is created by celebrating cultural diversity and promotes social harmony. Commemorative days are celebrated on campus to generate a sense of unity and oneness among students and faculty from diverse cultural, regional, linguistic, and socioeconomic backgrounds. The college also provides working opportunities for staff from different communities and states, issues yearly calendars in multiple languages, and prints college magazines with articles in Telugu, Urdu, and English.

As part of the Unnat Bharat Abhiyan Cell, college actively engages in activities for the socio-economic development of adopted villages. Awareness programs on plastic usage and distribution of eco-friendly alternatives are conducted to promote environmental consciousness.

The two best practices of the college has be recognized as "Holistic Development of Women" and "A Legacy of Honouring Achievements". These practices prioritize the overall well-being of women students, preparing them for their desired career paths and celebrating outstanding contributions within the college community.

Commitment to institutional values and best practices underscores the institute dedication to fostering a supportive, inclusive, and socially responsible learning environment for its students and staff.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	BHOJ REDDY ENGINEERING COLLEGE FOR WOMEN
Address	VinayNagar, IS Sadan Crossroads,Saidabad,Hyderabad
City	Hyderabad
State	Telangana
Pin	500059
Website	www.brecw.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	J Madhavan	040-24537282	9490116667	-	principal@brecw.ac.in
Associate Professor	M Sandhya Rani	040-24531719	9866520013	-	sandhyarani.medi@slv-edu.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	For Women
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Telangana	Jawaharlal Nehru Technological University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	15-05-2023	12	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	VinayNagar, IS Sadan Crossroads,Saidabad,Hyderabad	Urban	6.34	16335

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Electrical And Electronics Engineering,	48	Intermediate or Equivqlent	English	60	34
UG	BTech,Electronics And Communication Engineering,	48	Intermediate or Equivqlent	English	120	120
UG	BTech,Computer Science And Engineering,	48	Intermediate or Equivqlent	English	120	120
UG	BTech,Information Technology,	48	Intermediate or Equivqlent	English	120	120
UG	BTech,Computer Science And Engineering Artificial Intelligence And Machine Learning,	48	Intermediate or Equivqlent	English	60	60

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	8				30				66			
Recruited	4	4	0	8	8	22	0	30	5	61	0	66
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				32
Recruited	15	17	0	32
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				20
Recruited	5	15	0	20
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	4	4	0	1	3	0	0	0	0	12
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	6	20	0	5	61	0	92
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	0	0	0	0	0
	Female	446	8	0	0	454
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	0	0	0	0
	Female	44	41	47	43
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	19	18	18	18
	Others	0	0	0	0
OBC	Male	0	0	0	0
	Female	96	96	97	97
	Others	0	0	0	0
General	Male	0	0	0	0
	Female	291	301	297	322
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	31	33	0	0
	Others	0	0	0	0
Total		481	489	459	480

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	JNTUH curriculum addresses the gaps in multidisciplinary and interdisciplinary learning by offering open elective subjects that encompass various disciplines. These open elective subjects
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	allow students to explore topics beyond their core discipline, fostering a holistic understanding of diverse fields. By incorporating subjects from other disciplines, JNTUH promotes interdisciplinary learning, enabling students to develop a broader skill set and a deeper appreciation for interdisciplinary connections.
2. Academic bank of credits (ABC):	BRECW is an affiliated college under JNTU Hyderabad. We are guiding the students to register with ABC.
3. Skill development:	The Institute is dedicated to the holistic development of its students and organizes a wide range of activities to enhance their soft skills, language and communication skills, life skills, and ICT/computing skills. Various employability enhancement initiatives, such as campus recruitment training programs, career guidance seminars, and guest lectures, are conducted to prepare students for the professional world. Additionally, workshops and seminars led by industry experts are organized to augment students' technical training and ensure they are job-ready. These activities provide students with practical knowledge and insights into industry trends, equipping them with the necessary skills to excel in their chosen fields. Overall, the Institute's comprehensive approach to skill development aims to empower students and enhance their employability prospects.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The current curriculum, aligned with JNTUH guidelines, lacks integration of Indian languages, overlooking their cultural and linguistic significance.
5. Focus on Outcome based education (OBE):	The college places a strong emphasis on outcome-based education, aligning closely with its vision, mission, and departmental objectives. Each course is designed with specific outcomes in mind, ensuring that students acquire the necessary knowledge and skills by the end of their program. Course outcomes are meticulously framed for all courses, reflecting the college's commitment to academic excellence and student success. The college adheres strictly to the rules and regulations set forth by JNTUH University, ensuring the integrity and quality of its examinations. Exams are conducted following established protocols, maintaining fairness and transparency throughout the assessment process. The college

	actively analyzes examination results and collects feedback from students, faculty, and other stakeholders to identify areas for improvement. Through continuous evaluation and refinement, the college has witnessed a consistent increase in pass percentage year after year. This demonstrates the effectiveness of its outcome-based approach and its dedication to providing a high-quality education that prepares students for success in their chosen fields.
6. Distance education/online education:	BRECW is affiliated to Jawaharlal Nehru Technical University Hyderabad. As an affiliated college, we don't have any distance/online education.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, Bhoj Reddy Engineering College for Women (BRECW) has established an Electoral Literacy Club with the primary aim of creating awareness among students about their democratic rights, including the act of voting in elections.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes, The Institution has the ELC functional with the following office bearers. 1. Ms. K Shireesha, Associate Professor - ELC Coordinator, 2. Mr P Suresh Kumar, Associate Professor - ELC Additional Coordinator, 3. Ms Navya, B.Tech Final Year Student - Student Representative. 4. Ms Anjani, B Tech Third Year Student – Student Representative.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Activities done by the ELC of BRECW: 1. Our students actively participated in campaigning in college dedicated to spreading awareness among the students. 2. An event conducted with a pledge taking ceremony where students and staff collectively pledged to exercise their voting rights with the goal of educating them about voter registration, the electoral process, and related matters.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in	Yes, BRECW celebrates National Voter's Day every Year and students participate in good number in awareness drives.

electoral processes, etc.	
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	Yes, Students who have reached the age of 18 and above are encouraged for voter registration.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
2042	2048	2055	2065	2077
File Description		Document		
Upload Supporting Document		View Document		
Institutional data in prescribed format		View Document		

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 167

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
105	103	103	103	103

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
464.19853	844.61746	728.50680	450.26424	759.44474

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Bhoj Reddy Engineering College for Women affiliated with JNTU Hyderabad, adheres to the curriculum prescribed by the university. The institution emphasizes the overall development of students through a curriculum that is aligned with the institution's vision and mission.

The following methods are implemented to enhance the curriculum:

The JNTUH R18 academic regulations have been applicable to students admitted between 2018 and 2021 and from the academic year 2022–2023 onwards JNTUH R22 academic regulations have been in effect for B. Tech students. The academic calendar provided by JNTUH details the schedule for various academic activities, such as the commencement date and the end date of each semester, internal assessment dates, practical exam schedules, preparation holidays, and final semester examinations. The heads of department prepare a comprehensive academic calendar based on the university's schedule, with the approval of the head of the institution. This academic calendar serves as a roadmap for all curricular, co-curricular, and extracurricular activities.

Before the commencement of the semester, the head of the department allocates courses to faculty members based on their subject specialization, competence, and experience. This plan incorporates strategies to address any gaps in the curriculum that may involve teaching beyond the prescribed syllabus, arranging guest lectures, or organizing workshops. After the course plans are reviewed and approved, they are disseminated to the students by their respective course instructors.

Faculty members employ a variety of instructional methods apart from the traditional chalk and talk method, including smart classrooms, workshops, guest lectures, video presentations, NPTEL lectures, group discussions, industrial visits, and project-based learning. Additional assistance is provided to slow learners through remedial classes, motivational classes, and access to study material.

Moreover, faculty mentors, each allocated 10–15 students, are responsible for monitoring the academic progress of students and offering guidance to them in various aspects. The head of the department conducts regular meetings to ensure the effective delivery of the curriculum. Additionally, the IQAC conducts academic audits to determine the effectiveness of the curriculum.

The academic performance of students is evaluated continuously through the use of classroom activities such as quizzes, debates, group discussions, and tests. The assessment strategies outlined by the university are also implemented. For theoretical subjects, two mid-term exams in addition to assignments and projects are conducted. Internal and external exams are conducted for practical subjects. These

assessment methods are effectively implemented to ensure the attainment of COs, POs and PSOs. Feedback on the curriculum is collected from all stakeholders to facilitate further improvement.

TP Cell of the institution provides CRT programs to help students strengthen their technical competence, communication skills, and soft skills, thereby assisting them in achieving their career goals. The institution also promotes extracurricular activities and community engagement activities, such as NSS and NCC activities, which are pivotal for their holistic development. Faculty members are encouraged to perform better and engage in research activities owing to an established PBAS. Furthermore, the MOUs made between the college and external organizations are beneficial for academic and research endeavors.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 111

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Other Upload Files

1

[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 73.84

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1441	1673	1607	1115	1760

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

BRECW strongly believes that addressing cross-cutting issues relevant to gender, environment, sustainability, human values, and professional ethics has a direct impact on developing empowered professionals who can contribute to the economic and technological development of the nation. During the past decades, the institution has endeavoured to impart value-based education to ensure the holistic development of its students. Courses such as Gender Sensitization, Human Values and Professional Ethics, Constitution of India, Intellectual Property rights, Environmental Science , etc .. are embedded in the curriculum designed by JNTUH.

Gender Sensitization, an activity-based course, aims to familiarize students with the key issues in Gender Studies. The course features several exercises and reflective activities designed to examine the biological, sociological, psychological, and legal aspects of gender. Students acquire a better understanding of how to combat gender-related issues, leading to their empowerment. Besides, the Women Protection Cell of the college conducts several gender awareness programs to ensure a safe environment for women staff and students. International Women's Day is celebrated every year with active student and staff participation.

Human Values and Professional Ethics: Ethics are essential norms of behaviour that a professional must adhere to. The course is designed to acquaint the students with human values, engineering ethics,

environmental ethics, etc. Students and staff members have been involved in social developmental activities such as working with NGOs, organizing blood donation camps, etc.

Constitution of India: The course familiarizes students with essential knowledge on general principles of law and the constitutional obligations of citizens: values, rights, duties, and responsibilities. Through this study, students learn the importance of protecting individual freedoms and fulfilling their duties towards the nation and its people. Ultimately, it empowers them to be responsible citizens dedicated to preserving the democratic ideals of our nation.

Professional Practice Law and Ethics: This course presents the fundamental principles required for professional practice, such as business management, public policy, leadership, and professional licensure. It helps students learn how to navigate various aspects of their chosen profession, uphold ethical standards, and excel in their careers.

Intellectual Property Rights (IPR): The students gain an in-depth understanding of various forms of intellectual property rights, their relevance, and their business impact in the changing global business environment. The students are also acclimatized to the leading International Instruments concerning Intellectual Property Rights

Environmental Science is an interdisciplinary course that studies human interaction with the environment and its preservation. The students are encouraged to develop technologies in accordance with environmental policies and regulations for sustainable development. Furthermore, BRECW ensures the efficient use of resources, i.e., reducing waste and meeting the demands of the current generation without jeopardizing future generations, through the use of solar energy, rain harvesting methods, etc.

Additionally, the college promotes various village development programs under UBA. It has an active NSS committee that carries out several programs like Blood Donation camps, Harithaharam, Swatch Bharat, etc. Hence, women graduates are not only academically competent but also socially responsible and ethically conscious individuals ready to contribute positively to society and the environment.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 69.69

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 1423

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 96.72

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
481	489	459	480	479

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
513	516	480	480	480

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list as published by the HEI and endorsed by the competent authority	View Document
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 94.52

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
159	154	162	158	161

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
168	168	168	168	168

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 19.45

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The institution has well adopted experiential learning, participative learning and problem solving methodologies to ensure all round development of students and facilitate lifelong learning and knowledge.

Participative Learning is Promoted Through

1. Hackathon participations with Design/Development of solutions to complex Real time engineering problems.
2. Idea presentations to provide students, the podium to explore and develop Novel ideas.
3. Encouragement to take SWAYAM NPTEL certification courses
4. Two major project works taken up by final year students are related to research
5. Participation in professional Bodies activities of IEEE, ISTE, CSI and IETE.
6. Soft skills and communication skills proficiency through English lab sessions.
7. Seminars presentations regularly for enhancement of presentation skills and technical knowledge base.

Experiential Learning:

1. Innovative Product development for creative Idea implementation.
2. Industrial/Field visits, practical Training/Internship at Industry.
3. Laboratory courses in the curriculum.
4. Project based Learning method by developing projects related to every lab course undertaken.
5. Mini projects and Major projects with Research Orientation.
6. Hackathon participations.
7. Working Model Presentations.

Problem Solving Methodologies adopted are,

1. Giving Assignments and Tutorials with innovative Questions after each unit.
2. Case study Analysis and Discussions.
3. Coding practice through different learning platforms.

4. Innovative Product Development & Projects for real time problems.

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

- The institution has wide availability of computer systems in the departments and library with high speed internet access, Internet facility in all class rooms with LCD projectors in all the class rooms, computer laboratories, Multimedia facilities in all the Auditoriums & Seminar halls.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
105	103	103	103	103

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 12.38**2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
17	13	12	12	10

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5 Evaluation Process and Reforms**2.5.1**

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The institution follows the academic calendar which is released by the Affiliating University. The same calendar will be published in the prospectus and website of college before the beginning of every academic programme. This calendar will help the students, parents and teachers to plan for their academic year. Each department in the college functions according the teaching plan, course plan prepared at the department level. The course work is distributed to each and every faculty member by the head of the department. The faculty members follow a lesson plan which consist the details regarding institutional objectives to be achieved, details of contents to be covered, the types of teaching aids and the logistics to be used inside the class room.

There is complete transparency in the internal assessment. The criterion adopted is as directed by the University. All the students are familiar about the transparency in internal assessment. The average will be calculated from the 2 examinations. After preparing the assessment report, it is submitted by the concerned teacher

Examination related Grievances:

The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. If any discrepancy is noticed, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made.

Parents are informed about the performance through SMS and E-mail. Students are counselled by the faculty mentor, and remedial classes are conducted for students who have failed in the examinations. Students who remain absent for internal exams they can apply for the computer-based test conducted by the university.

If the students are not satisfied with the marks awarded, they can apply for re-counting within a week from the declaration of results through the examination branch at the institution. The results of recounting will be announced as per the university norms.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

Bhoj Reddy Engineering College for women has crafted well-defined Vision and Mission statements. In correlation with Institute vision and mission statements, the departments vision and mission statements are framed.

The department formulates the Programme Educational Objectives (PEOs) and Program Specific Outcomes (PSOs) in correlation with the vision and mission statements and are approved by DAC. Extensive survey is carried out with all the stake holders like students, Alumni, Parents, Teachers, employers, etc. for the formulation of PSOs, PEOs, Vision & Mission statements.

The surveys are deliberated and analysed by the departments through various meetings before formulation of the PSO, PEO and Vision & Mission statements. The Course Outcomes (COs) are defined by the course handling faculty in line with the Revised Bloom's Taxonomy levels under the supervision

of the Department Assessment Committee (DAC). COs are mapped to department defined PSOs & NBA defined Program Outcomes (POs). Three levels of mapping are based on the degree of correlation i.e. 1 for low, 2 for medium, and 3 for high correlation.

The PEOs, PSOs, POs and COs Statements are published in Institute Website, Department Websites, All Departments Libraries, All Departments Laboratories, Department HoD Chamber, Department Corridors and communicated to all Stakeholders. All the statements are displayed in the departments at prominent locations and published on the relevant materials like magazines, newsletters, course files, Practical manuals etc. of the departments for dissemination to the students and other stake holders. The respective course faculty discusses on the COs with the learners during course content delivery in Class Rooms and Laboratory Sessions.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Attainment of CO's & PO's:

Each course has a predefined set of course outcomes that students are expected to achieve by the end of the course. These course outcomes should be clear, specific, and measurable. The COs are mapped to broader program outcomes (POs) and program-specific outcomes (PSOs). This mapping establishes a connection between what students learn in individual courses and the overall goals of the program. Each course has its own evaluation criteria, which are used to assess whether students have achieved the Course Outcomes. Assessment tools may include theory and practical exams, projects, presentations, etc.

The performance of students in internal and external examinations throughout the semester is used to evaluate the attainment of Course Outcomes. This evaluation is compared against predefined targets. Using the mapping of COs to POs and PSOs, the program coordinator calculates the level of attainment of each PO and PSO. This involves comparing the attainment levels of COs with the targets set for POs and PSOs. Assessment methods for POs may include both direct and indirect methods.

Direct methods could involve evaluating student performance in Theory and Practical Exams, Projects, Seminars. Indirect methods may include course-end surveys to gather feedback on the attainment of Programme Outcomes. The overall assessment of PO attainment for a particular program is calculated based on the results obtained from direct and indirect assessment methods across all courses. This assessment process allows for continuous improvement of the program.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3**Pass percentage of Students during last five years (excluding backlog students)****Response:** 94.87**2.6.3.1 Number of final year students who passed the university examination year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
475	497	518	509	498

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
525	517	543	527	520

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1**Online student satisfaction survey regarding teaching learning process****Response:**

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - 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 last five years (INR in Lakhs)

Response: 0

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

Bhoj Reddy Engineering College for Women is dedicated to fostering innovation and entrepreneurship through its vibrant ecosystem. This ecosystem is characterized by a range of initiatives aimed at creating and transferring knowledge, empowering students and faculty members to excel in their respective fields.

The institution actively encourages its faculty to engage in intellectual endeavors such as patent filings, paper publications in prestigious journals, and contributions to book chapters. It promotes professional development by facilitating faculty participation in national and international conferences.

Guest lectures, seminars and workshops are conducted regularly to enhance student's skills and prepare them to meet industry standards. Through strategic partnerships and Memoranda of Understanding (MoUs) with prominent organizations, the college ensures that its students receive relevant and up-to-date training that aligns with the needs of the industry.

In addition to academic enrichment, the college places a strong emphasis on professional development by encouraging faculty and students to become members of prestigious professional societies such as ISTE, CSI, IETE, and IEEE. Institutional membership in these organizations provides faculty and students with access to a wealth of resources, networking opportunities, and platforms for collaboration and knowledge exchange.

Innovation Incubation and Entrepreneurship Cell is established, which is dedicated to fostering entrepreneurship among its students, particularly women entrepreneurs in India. By encouraging women entrepreneurs, the college aims to empower women and promote gender equality in the entrepreneurial ecosystem. Students are encouraged and supported to engage in practical projects that involve the design, development, and implementation of hardware systems.

BRECW has created a dynamic ecosystem for innovation and entrepreneurship that is deeply ingrained in its academic and cultural fabric. Through initiatives such as patents filing, industry-aligned seminars and workshops, institutional memberships in professional societies, and support for women entrepreneurs, the college is shaping the next generation of innovators, leaders, and change makers who will drive positive societal impact and contribute to the advancement of technology and entrepreneurship in India and beyond.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 75

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
28	21	8	8	10

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 2.15

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
260	26	20	18	35

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.34

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
19	13	8	5	11

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

Bhoj Reddy Engineering College for Women (BRECW), through its National Service Scheme (NSS) Committee and Unnat Bharat Abhiyan (UBA), actively engages in various extension activities aimed at community development and student sensitization. Below is the list of activities and outcomes of these activities in terms of their impact on the neighborhood community and their role in sensitizing students to social issues for holistic development.

Food Donation Programs: One of the key initiatives undertaken by BRECW is the food donation programs at old age homes, schools, and hospitals in the neighborhood. This initiative fosters a sense of empathy and social responsibility among students. By actively participating in such programs, students learn the importance of giving back to society and develop a deeper understanding of social disparities.

Clothes Donation Drives: BRECW organizes clothes donation drives, where both faculty and students contribute clothing items for orphanages in the vicinity. This initiative not only provides essential clothing to those in need but also instills values of generosity and compassion in students. Through their involvement in these drives, students develop an awareness of the challenges faced by orphans in communities and are inspired to contribute positively towards social upliftment.

Plastic Awareness Campaigns: Plastic awareness campaigns conducted in villages like Anmaspally and Salarpur play a crucial role in educating the community about the environmental hazards of plastic pollution. Through interactive sessions and distribution of eco-friendly alternatives like cloth bags, BRECW raises awareness and promotes sustainable practices. These campaigns not only contribute to environmental conservation but also empower students to become agents of change in their communities by advocating for eco-friendly initiatives.

Mask Distribution and COVID-19 Awareness: During the COVID-19 pandemic, BRECW actively engaged in relief efforts within its neighbourhood community. Mask distribution drives and awareness programs conducted in Vinaynagar helped mitigate the spread of the virus and disseminate crucial information about preventive measures. By actively participating in these initiatives, students not only contribute to community welfare but also develop a sense of responsibility towards public health crises.

Grocery Distribution and COVID-19 Awareness: Under the UBA, faculty members conducted grocery distribution drive in Anmaspally village, providing essential supplies to the needy during the pandemic. Concurrently, awareness programs were organized to educate the community about COVID-19 prevention and safety measures.

World AIDS Awareness Programs: Faculty and students of BRECW conduct World AIDS Awareness programs in neighbourhood areas, aiming to create awareness on HIV/AIDS and promote preventive measures. These programs facilitate open discussions and awareness sessions, contributing to greater understanding and acceptance within the community. By engaging in such initiatives, students develop empathy and cultural sensitivity, essential qualities for effective social engagement and holistic development.

The extension activities undertaken by BRECW has not only made a positive impact on the neighbourhood community but also nurtured student's holistic development by fostering empathy, social responsibility, and active citizenship. Continued engagement in such activities is essential for promoting sustainable development and nurturing socially conscious individuals.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Bhoj Reddy Engineering College for Women has been actively engaged in extension activities, particularly through its Unnat Bharat Abhiyan (UBA) and National Service Scheme (NSS) Committee.

These initiatives aim to foster community engagement, social responsibility, and sustainable development.

The activities carried out by the institution for which recognition is extended are listed below:

The faculty and students of BRECW conducted a plastic awareness program under the Unnat Bharat Committee. The program included educating the community about the harmful effects of plastic usage and distributing cloth bags in Anmaspally Village. The active participation of students and faculty in raising awareness about environmental issues earned the college recognition from the local authorities.

During the challenging times of the COVID-19 pandemic, the college faculty demonstrated commendable efforts by distributing groceries and raising awareness about COVID-19 preventive measures in Anmaspally Village. The timely support provided to the community amid crisis situations garnered appreciation from the Sarpanch of the village.

Every year, BRECW conducts a plantation drive under Haritha Haram at various locations, inspired by its own lush green campus maintained through generations. The college organized an awareness program on the importance of planting trees in schools and plantation of saplings in village as part of this initiative. Saplings were planted within the village to foster environmental conservation. The villagers acknowledged the college's dedication to promoting green practices and environmental sustainability.

The faculty and Students received appreciation for conducting another awareness program in Salarpur Village, emphasizing the adverse impacts of plastic pollution and promoting eco-friendly alternatives. The college's dedication to addressing environmental concerns and actively engaging with rural communities was acknowledged by the local administration.

The college received appreciation from MH Gupta High School for its food donation drive aimed at supporting underprivileged school students. The initiative showcased the college's commitment to social welfare and community development, earning praise from the recipient institution.

The appreciations received by Bhoj Reddy Engineering College for Women underscore its dedication to community engagement and social responsibility. Through various extension activities conducted under UBA and NSS Committee, the college has made significant contributions to addressing societal issues, promoting environmental awareness, and supporting marginalized communities. These accolades serve as a testament to the college's holistic approach towards education and its impact on society.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 41

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
8	9	5	12	7

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 30

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

Bhoj Reddy Engineering College for Women encompasses a well-maintained lush green campus spread over 6.43 acres of land, ensuring adequate availability and optimal utilization of physical infrastructure for teaching-learning activities and extracurricular activities.

Classrooms:

The college features a sufficient number of well-furnished, well-illuminated and spacious classrooms. These classrooms are equipped with adequate furniture, green boards, projectors, fans, lights, and power back up. With excellent ventilation, appropriate lighting, and maintenance to ensure visibility and audibility, the classrooms provide a conducive environment for teaching and learning.

Laboratories:

All the laboratories adhere to the standards set by AICTE and JNTUH, catering to the practical needs of the curriculum. The college consistently upgrades and maintains its laboratories. Adequate safety measures have been implemented in the laboratories.

Tutorial rooms:

Tutorial rooms play a crucial role in the educational environment, where students can actively participate, clarify doubts, and receive personalized guidance. Additionally, these rooms facilitate special remedial classes for students who need additional support.

Seminar Hall:

The college has four seminar halls with adequate seating capacity that are regularly used for conducting seminars, workshops, and guest lectures at the college. These halls are equipped with LCD projectors, whiteboards, and public address systems, ensuring effective communication and engagement during events.

Central Library:

The institution recognizes the importance of the library as a good learning resource. It is updated regularly with the latest books and journals. Our central library is fully computerized by automating the issue of books with barcode readers. The library has 38792 volumes covering all major fields of science and engineering.

Excellent resources are available like Book Bank, Membership of IEEE, JGATE, and DELNET, Access to CDs and e-journals through multimedia computers with internet connectivity to promote online learning.

Indoor Auditorium:

The indoor auditorium is a hub for intellectual and cultural pursuits, creating a lively and captivating environment for a variety of events. The auditorium is fully air-conditioned equipped with a state-of-the-art lighting system, excellent acoustics for enhancing the overall experience for the audience.

Open Auditorium:

The open auditorium offers a versatile space suitable for various academic and extracurricular activities. It is adequately equipped with hi-tech audio visual devices that are of outstanding quality. Additionally, it has an elevated platform to ensure an excellent viewing experience for the attendees.

Sports facility:

The college offers both indoor and outdoor sports facilities to promote a culture of physical activity and sportsmanship. The multipurpose sports facility accommodates various sports such as basketball, volleyball, and badminton, offering a versatile space for diverse athletic activities.

Canteen:

The college has a canteen with ample seating capacity for both staff and students. It offers hygienically prepared meals at a reasonable cost. The canteen also extends its services to various college events, including seminars, external lab exams, conferences, workshops, and cultural programs.

Computing Equipment:

Every department is equipped with separate computer labs for conducting programming and simulation experiments aimed at enhancing the skills of the students. Desktops with internet connectivity are provided to all teaching staff to facilitate administrative tasks, lesson planning, and research.

File Description	Document
Upload Additional information	View Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 17.99

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
116.49172	58.09305	81.44521	201.44175	126.62153

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The Library at Bhoj Reddy Engineering College for Women is equipped with modern facilities and technologies to support the research and educational needs of both students and staff. The college library and information center is situated on the first and second floors of the West Block with a spacious area of 623sqm and offers ample space for study and research. The library has advanced infrastructure and a pleasant atmosphere. The library considers suggestions from students and recommendations from teachers for procuring new books, journals and magazines.

The library fosters a reading culture and ignites a deeper thirst for knowledge among students and staff. Library operates from 9:00A.M. to 5:30P.M. Students are assigned a compulsory library hours in a week

to access the printed and e-resources available as per their class timetable. As part of the orientation program at the beginning of each Academic year, first year B. Tech students from all branches attend a session conducted by library staff members to learn about the usage of the library. Display boards are also arranged to guide the users. Each student is provided with six library cards, which they can use throughout their B. Tech course to borrow books from the central library. Books are issued from the circulation desk, all of which are barcoded with details such as accession number, author etc. At the entrance of the central library, a gate register is provided to maintain a record of students and staff entering and leaving the library.

The library is divided into two reading rooms situated on the first and second floors of the West Block. Reading Room-I is equipped with newspapers, journals, and an integrated book banking system for SC and ST students. Reading Room –II and the Reference Section is located on the second floor of the West Block, offering textbooks and reference books. It also consists of a digital library with ten (10) systems for accessing all digital resources. Additionally, the library has a loan section stocked with 38792 books. It offers 69 periodicals, 7 newspapers, and e- Journals such as IEEE-ASPP, J Gate Engineering and DELNET e- Recourses. The library provides a wide range of general books, fiction and nonfiction. Furthermore, online subscriptions for resources such as IEEE-ASPP, J Gate Engineering and DELNET are available.

To make the library user-friendly, it has been computerized with “Virginia Technology Library Solutions” VTLS Inc., an automated circulation and cataloguing system created for library. There are four computers with LAN connection placed in the library for efficient daily operations.

We have departmental libraries in each branch, which are processed and transferred from the central library. These books and periodicals are well organized in almirahs according to the DDC Classification scheme.

Annual Awareness programs by the IEEE community and workshops by JGate are conducted in the Indoor Auditorium with the purpose of creating awareness among the students and staff regarding the usage of journals and subscriptions etc.

Thus, the college library provides a safe, comfortable and friendly environment conducive to learning and the advancement of knowledge.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

The academic process at BRECW provides a wide range of IT amenities and services, supported by a state-of-the-art networking environment to facilitate learning, research, teaching, and administration for all students and staff. BRECW ensures continuous and consistent availability in line with evolving needs and changing technologies. The institute has 990 systems with a 340 Mbps bandwidth, across various labs exclusively to meet the curricular requirements. Additional 50 desktops are allocated for administrative, HOD's offices, staff rooms and exam branch needs.

The institute places a lot of importance on e-learning and a major plan is underway to upgrade the bandwidth, connectivity, and devices. All computing facilities undergo regular monitoring, replacement, and upgrades. The institute has nearly 990 systems with a connectivity of 340 Mbps, providing internet access to students and faculty. Classrooms and seminar halls are equipped with LCD projectors to enhance teaching and learning experiences.

Furthermore, the implementation of bio-metric devices facilitates the monitoring of faculty and staff. The availability of printers and scanners on campus are increased as per the requirement. The connectivity through a fully networked campus with computing and communication resources offers students the facilities of e-mail, net surfing, up/down loading of web-based applications, besides helping them prepare projects and seminars.

Key administrative offices and departments, including the Principal's Office, Administrative Office, Examination Section, Training and Placement Cell, are well equipped with advanced computer systems and printers. Each computer lab is equipped with internet facilities and prescribed licensed software.

The college has established a high-speed campus-wide network connecting all departments, comprising 990 systems. This distributed computing environment, consisting of workstations and PC's, provides the users with ready access to computing resources, services, software, and applications for their specific teaching and learning needs.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 2.45**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

Response: 833

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1**

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 27.88**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
173.54548	228.35491	153.49739	191.18406	158.55828

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 94.25

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1848	2182	1250	1980	2436

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	View Document
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	View Document
Upload policy document of the HEI for award of scholarship and freeships.	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

- 1. Soft skills**
- 2. Language and communication skills**
- 3. Life skills (Yoga, physical fitness, health and hygiene)**
- 4. ICT/computing skills**

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 43.5

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1245	1086	1156	632	356

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 55.43

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
439	423	293	146	158

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
525	517	543	527	520

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 19.78

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2022-23	2021-22	2020-21	2019-20	2018-19
80	63	52	25	12

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

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 last five years

Response: 516

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
151	133	0	82	150

File Description	Document
Upload supporting document	View Document
list and links to e-copies of award letters and certificates	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 33.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
47	40	0	29	51

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

Response:

Bhoj Reddy Engineering College for Women's Alumni Association was officially established in April 2009, with registration number 225/2009. Since then, the association has been striving to strengthen the academic programs of the institution. An Alumni Committee has been formed, comprising a coordinator and one faculty member from each department. The faculty members from each department are encouraged to gather data on alumni and interact with them as needed. This initiative aims to enrich the alumni database, track their whereabouts, and seek their support in organizing technical, cultural, and techno-cultural events in the Institute.

The committee also oversees the organization of workshops by alumni. Three institute-level Alumni meets have been organized on 08 December 2018, 14 December 2019 and 10 December 2022 along with department-level alumni interactions held during these events. Since 2018, the college academic council committee has decided to conduct alumni meetings every two years.

The main objectives of the BRECW Alumni Committee are as follows:

1. Fostering Reciprocal Interaction
2. Galvanizing Alumni Involvement for Institutional Advancement
3. Facilitating Support in Placement Endeavors
4. Guiding Academic Aspirations and Establishing a Platform for Professional Insight Sharing
5. Cultivating Character and Civic Responsibility
6. Inspiring Entrepreneurial Ventures
7. Providing Support through Enriching Activities and Seminars
8. Facilitating Industry Interaction
9. Organizing Debates to Foster Social Awareness

10. Championing Environmental Conservation Initiatives

The objectives of the alumni committee are reflected in the various ways alumni contribute to the development and growth of the institution. Alumni actively contribute suggestions at different stages for the institute's growth, benefiting students in areas such as placement, training, expert lectures, career guidance sessions, industrial visits, and mentoring.

Alumni of all disciplines frequently visit the institute to guide undergraduate students in shaping their careers. Some alumni, who have established themselves in their careers and set up their own industries, organizations, or software centres, recruit undergraduate students from the institution.

Alumni also contribute by donating textbooks and sharing their experiences with the current students. The Alumni Association advocates for the continued development of students beyond graduation. Alumni members are invited to the institute for various purposes, such as delivering guest lectures and technical seminars. They assist students in establishing a network of support for their professional career growth, higher education in India and abroad, and placements.

The alumni play a crucial role in guiding and nurturing students to become professionals. Thus, the Alumni Association aims to make a significant impact by developing lasting relations with alumni that will be mutually rewarding and, overall, strengthen the institution.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

Bhoj Reddy Engineering College for Women prides itself on an organizational structure designed to ensure effective governance and leadership, all in alignment with its institutional vision and mission. The institute's forward-thinking vision aims to shape confident and articulate young women into dynamic engineers equipped with the skills, knowledge, values, and attitude to contribute meaningfully to society. Similarly, its mission is committed to providing a challenging, enriching, safe, and supportive technical learning environment through core values of responsibility, respect, and compassion. BRECW fosters intellectual, spiritual, and personal development, offering an academic curriculum complemented by a rich co-curricular program.

Governance and Leadership: Quality policies at BRECW are framed based on the institution's vision and mission, driven by the needs of the industry, society, and stakeholders. The governance structure, including the Governing Body (GB), Department Advisory Council (DAC), and Internal Quality Assurance Cell (IQAC), plays a significant role in implementing evolutionary reforms. Student surveys and stakeholder feedback are instrumental in framing and revising policies, ensuring continuous improvement.

Organizational Structure: BRECW organizational hierarchy is well-defined, starting from management and cascading down to department heads, teaching and non-teaching staff, and administrative personnel. The Principal oversees these functions, supported by Heads of Departments (HODs), administrative heads, section in-charges, and coordinators of various cells and committees. Staff members are actively involved in decision-making processes through regular meetings and brainstorming sessions, contributing to continuous improvement across various functions.

Decentralization: The institution practices decentralization and a participative management approach, involving in-charges, HODs, and staff members at all levels. Various committees are in place to review progress in different functions and take necessary actions for excellence. This decentralized approach delegates powers to different authorities at various levels of management, fostering a culture of participation and empowerment.

BRECW organizational structure underscores its commitment to excellence, driven by visionary leadership, stakeholder engagement, and participatory decision-making. Through strategic governance and effective leadership, the institute aims to realize its mission of empowering women through quality education and holistic development. The decentralized management approach ensures that all stakeholders are involved in the decision-making process, promoting transparency and accountability across the institution's functions.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

Bhoj Reddy Engineering College for Women stands as a beacon of academic excellence and efficiency in deploying its institutional perspective plan. The college has meticulously crafted strategic plans to ensure adherence to its vision and mission while fostering a conducive learning environment for students.

Vision and Mission Deployment: Vision and Mission of college & departments prominently displayed on the college website and notice boards, ensuring clarity and alignment with institutional goals. This transparency allows stakeholders to understand and contribute towards fulfilling the college objectives.

Adherence to University Norms: As an affiliated institution of Jawaharlal Nehru Technological University Hyderabad (JNTUH), BRECW strictly adheres to university norms in conducting classes and laboratories. Feedback mechanisms are in place to collect input from students, and actions are taken accordingly to enhance the teaching-learning process. Moreover, extensive result analysis is conducted to identify areas of improvement and ensure academic excellence.

Transparent B Category Admissions: BRECW conducts B category admissions transparently based on JEE ranks, ensuring fairness and equal opportunities for all students. This transparent admission process reflects the college's commitment to meritocracy and quality education.

Competent Faculty: The College boasts a team of competent, well-qualified, and committed faculty members who play a pivotal role in shaping the academic environment. Their expertise and dedication contribute to the overall success of the institution.

Continuous Learning and Skill Enhancement: BRECW actively encourages both faculty and students to engage in continuous learning and skill enhancement beyond the prescribed syllabus. Initiatives such as NPTEL courses, participation in professional bodies, and organizing seminars and workshops on upgraded technical topics facilitate knowledge dissemination and skill development.

Green Campus Initiatives: The college is committed to environmental sustainability and maintains a green campus through various initiatives. Efforts are made to minimize carbon footprint, promote eco-friendly practices, and preserve natural resources.

Monitoring and Policy Updates by IQAC: The Internal Quality Assurance Cell (IQAC) at BRECW plays a crucial role in monitoring institutional practices and policies. Regular evaluations and updates ensure compliance with quality standards and facilitate continuous improvement.

Career Guidance and Placement Support: BRECW provides comprehensive career guidance and placement support to students through career talks and campus recruitment training classes. Feedback from students is collected to refine and enhance these practices, resulting in a notable increase in placement rates over the years.

The institute's effective deployment of its perspective plan reflects its commitment to excellence, transparency, and continuous improvement. By adhering to strategic plans, the college ensures a conducive learning environment that empowers students to excel academically and professionally.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2

Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

Performance appraisal system:

- Bhoj Reddy Engineering College for Women has well well-designed performance appraisal system. BRECW has a categorized performance appraisal system for Teaching staff, Non-teaching staff separately based on their duties and job responsibilities.
- Performance appraisal is implemented with the help of Performance Appraisal form which is filled by the staff members to evaluate overall performance.

1. Performance Appraisal System for Faculty (Teaching Staff):

- Quality teaching is indispensable for improving student outcomes and achievements. Performance is self-assessed and duly filled in Performance Appraisal form by Faculty and Staff at the end of every semester. Performance Appraisal form inspires Faculty which enhances professional knowledge and growth. It is made mandatory for every Faculty and Staff to submit the performance appraisal every semester. Performance Appraisal forms submitted by Staff are evaluated by respective HODs and the Principal.
- Management will decide in consultation with the Principal and send their recommendations for action to be taken like a hike in salary, promotions, etc.,

The evaluation of the performance appraisal system of teaching staff is based on the following parameters:

- Teacher's performance in teaching abilities:
- Students' Academic Results.
- Feedback of Students.
- R & D Activities
- Project Guidance by Faculty
- Faculty relations with Students, Colleagues, and Superiors.
- Effective Mentoring of Students.
- Participation of staff in workshops, conferences, FDP, paper publications, and other professional society membership, etc.,
- Department and college-level committee member's responsibilities

3. The evaluation of the performance appraisal system of Non-Teaching staff:

- Maintenance of Files
- Maintenance of Assets/Stock Registers
- Guidance to students during Lab sessions.
- For Non-teaching staff also based on the HOD 's recommendation the Principal will evaluate and submit his recommendations to the Management for a Final decision.

3. The evaluation of the performance appraisal system of Administration Staff:

- Maintenance of files in the office
- Maintenance of records, circulars, etc.
- Performance in the assigned duties and responsibilities.
- For Administration staff also Principal will evaluate and submit his observations and recommendations to the Management for Final decision.

Welfare measures for teaching and non-teaching staff

Bhoj Reddy Engineering College for Women has taken effective measures for the welfare of all the staff members.

- EPF Scheme is implemented to all staff members.
- Group Insurance is provided to all the staff members.
- Three months half paid Maternity Leave to Women employees.
- Financial Encouragement is provided to teaching staff for their participation in the conferences, FDP, Workshops with Paid leave and 50% reimbursement of registration fees to attend FDP and Conferences.
- Faculty members have to register for professional societies like ISTE, IETE, IEEE, CSI, etc. by paying a registration fee. An institutional fee will be paid by the Institute for starting local chapters in the college. 50% reimbursement of professional societies fees for the staff members will be done by the management.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 35.78

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

2022-23	2021-22	2020-21	2019-20	2018-19
91	35	13	16	30

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 50.06

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
118	113	58	34	65

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
57	60	53	48	40

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

- Bhoj Reddy Engineering College for Women have well-defined strategies and financial policy to ensure effective and optimal utilization of resources for academic, administrative, and developmental activities which helps to implement the institute's vision and mission.
- Every year a budget is prepared which involves projected revenue general expenditure and capital

expenditure so that the funds can be managed effectively.

Mobilization of Resources and Funds

- The Bhoj Reddy Engineering College for Women is being run with self-sufficient funds by generating the cash inflow from tuition fees from students.
- The institute is getting financial support from the Government of Telangana in terms of tuition fees which is called fee reimbursement for eligible students as per the norms of the Government and fee structure recommended by TAFRC (Telangana Admission and Fee Regulatory Committee).

Utilization of Resources and Funds

- Bhoj Reddy Engineering College for Women has different committees which ensure that the funds are monitored and utilized effectively. The management will review the financial activities through scrutiny of budgets every year which will ensure whether the finance utilization is going in the correct direction or not.
- The finance committee looks after financial matters like the Salaries of regular staff members etc.
- Establishment and Maintenance, including the electricity and telephone bills, AICTE/JNTUH Affiliation fee, application fee, JNTUH Common service fee, etc., Examination section-related expenditure, Examination fee to be paid to JNTUH, Examination, material cost, Remuneration to staff for exams, and external examiners from outside, etc.
- Equipment-related expenditure covering Computers, Peripherals, and Installation.
- Expenditure relating to Lab equipment & and classroom equipment, Maintenance related (Civil, electrical, etc.) Consumables and Non- consumables expenditure.
- Academic activities like conferences, co- & and extracurricular activities Infrastructure, Office infrastructure, including stationery, classroom infrastructure, planning civil constructions, including buildings and individual items in association with Campus Facilities & Maintenance Committee, etc.
- Campus Interviews related to expenditure.
- The library purchases Books, Journals, Computers, Information processing Software, and information portals. Software installation and its maintenance.

Financial Audits (Internal and External)

- Bhoj Reddy Engineering College for Women has maintained a very transparent financial system in the institutions. There is a well and pre-defined process for sanction of budget to expenditure.
- An internal approval system for all expenses is necessary. Accordingly, the bill/voucher is recommended by the Head of the Department and approved by the Principal and Honorary Secretary of Bhoj Reddy Engineering College for Women. All the bills/vouchers are audited by an Accountant. A proper record of all the expenses is maintained by the accounts department.
- An external auditor appointed by the management and executes the statutory audit. Statutory financial audit is conducted in two sessions, one in the month of October/November from April to September and the second in the month of April /May for the period of October to March. The finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the principal, and chartered accountant. Then audited report is submitted by the chartered accountant to the concerned authorities.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

An Internal Quality Assurance Cell (IQAC) within an educational institution plays a crucial role in monitoring, evaluating and ensuring the quality of academic and administrative activities. The primary purpose of an IQAC is to facilitate a culture of continuous improvement and to ensure that the institution meets the standards and benchmarks set for higher education. The IQAC consists of all institute stakeholders, including students, alumni, all department and section incharges, as well as examination and evaluation head, members of management & administration, members of the local community and industry experts. It will integrate into the institution's system and work to achieve the goals of quality enhancement and sustenance. IQAC was established in BRECW on June 6, 2018. It has been channelizing all of the institution's efforts and strategies toward developing its comprehensive academic excellence. It will help to ensure a higher level of clarity and focus on institutional functioning toward quality enhancement, internalization of the quality culture, enhancement and coordination among various activities of the institution and institutionalization of all good practices, act as a dynamic system for quality changes in HEIs and develop an organized methodology of documentation.

The specific functions of an IQAC include the following:

1. IQAC is responsible for formulating and implementing quality policies and procedures for the institution. This involves defining quality benchmarks, setting academic standards and ensuring compliance with regulatory requirements.
2. Conduction of regular audits of academic and administrative processes to assess their effectiveness and identify areas for improvement. This may involve reviewing curriculum design, teaching-learning methodologies, examination and evaluation procedures, administrative efficiency and support services.
3. It plays a key role in preparing the institution for external assessments and accreditation processes. The members coordinate the collection and analysis of data required for accreditation, assist in the preparation of Self Study Reports and implement measures to address the recommendations made by accrediting bodies.
4. Focuses on the quality of teaching and learning within the institution. This includes evaluating the effectiveness of teaching methods, assessing faculty performance and promoting innovative pedagogical

practices.

5. Facilitate mechanisms for collecting feedback from students about their learning experiences and overall satisfaction. It also plays a role in addressing student grievances and ensuring a transparent and effective grievance redressal system.

6. Encouraging and monitoring research and development activities, which includes promoting research culture, facilitating collaborative research initiatives and monitoring the quality of research outputs.

7. Organizes and supports programs for the professional development of faculty and staff. This includes workshops, seminars and training sessions to enhance their teaching and administrative skills.

8. Keeping records of academic and administrative activities, maintaining databases and ensuring the availability of necessary documentation for audits and assessments.

9. It identifies and promotes best practices in various aspects of institutional functioning. This may involve benchmarking against other institutions and adopting proven strategies for improvement.

IQAC serves as a focal point for driving quality enhancement initiatives within an educational institution and ensures a commitment to continuous improvement and excellence.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2.Academic and Administrative Audit (AAA) and follow-up action taken**
- 3.Collaborative quality initiatives with other institution(s)**
- 4.Participation in NIRF and other recognized rankings**

5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**Response:** B. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

The solution to combat gender discrimination and achieve gender equity is to subtly include gender-related issues as a part of existing curriculum, instead of a whole subject on the inequalities and problems faced by women. Context-specific problems that put one gender at a disadvantage should be spoken about rather than making a forced conversation on the perils of patriarchy, imbalance in opportunities and the curtailment of freedom that stems from gender inequality.

The role of education in advancing gender equality has long been part of the discourse on education, gender and development, exemplified by the Millennium Development Goal 3 to promote gender equality and empower women which envisioned education to play a primary role.

Incorporating realistic and relevant examples on the presence of the glass ceiling or the maternal wall and how these situations hamper professional growth for women, are considered through various components.

Furthermore, student-led initiatives can significantly contribute to raising awareness.

Few initiatives taken at BRECW to attain gender-equity

1. Ensuring educational materials are free from gender stereotypes.
2. Explore gender concepts and roles from different communities.
3. Help students identify instances of gender bias, through awareness activities or historical events, laws and cultural changes.

It is vital to monitor and evaluate any intervention for various purposes- whether the intervention has been implemented successfully or not; whether there is an immediate need for a change in the implementation process or the intervention itself. Activity-based assessment of increase in awareness levels through questionnaires regarding knowledge of gender identities, sexual and reproductive health and rights, consent, gender biases can be conducted. Quizzes, plays, debates and writing activities can be used for the same. The functioning of cells aimed at addressing sexual harassment can be evaluated in terms of policy/steps/initiatives taken to address the complaints/queries coming from students, and incidents of gender-based discrimination reported formally and informally.

With increasing number of women entering professional life, growing issues concerning women and gender relations, sensitizing men and women, towards achieving better, deeper understanding and

empathy towards each other had been the aim of this Workshop. The recent developments and laws on Women harassment in workplaces, how women need to manage professional and personal lives, the support systems that help women excel, the flexibility work models that benefit women, importance of leadership, mentoring and networking, concerns over gender inequity in academic governance, are some of the topics are discussed from time to time in seminars or workshops organized by the college.

BRECW being a women's college, caters to the interest of women folk of the state and plays a pivotal role in imparting higher education to the women. The institute not only aspires to impart higher education to girls but also practices to bring positive change in the attitude and support equity among genders. Self-Defence training imparts life skills and empowers girls by building the psychological and physical strength needed to defend themselves in difficult situations. Various activities were organized on the theme of Women empowerment including themes such as financial literacy of women. One way to promote gender equity is to celebrate strong women in all aspects of life. History bears a long list of intelligent and powerful women who have broken barriers and changed the future for women everywhere.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2

The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of

students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Bhoj Reddy Engineering College for Women is proactively taking efforts in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversities. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony. To provide harmony towards communal, regional and linguistic, BRECW provides a working opportunity for staff from different communities and states. It issues the college yearly calendars in different languages and also college's magazines are printed with articles of Telugu, Urdu, and English.

As a part of Unnat Bharat Abhiyaan Cell, BRECW adopted 3 villages (Anmaspally, Salarpur, and Makthamadaram) in Ranga Reddy district to conduct activities for their socio-economic development. Institute has conducted awareness programs in these villages about the effects of usage of plastic and distributed Jute bags (1 bag for each house) to be used instead of plastic bags. Technical Fest is annually organized by the Institute to identify brilliant students in science and technology and encourage by awarding them certificates. The college and its staff jointly celebrate the cultural and regional festivals, like Teacher's day, orientation and farewell program, Induction program, oath, plantation, Women's day, Yoga day.

Bhoj Reddy Engineering College for Women has organized many activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. Every year, on Republic day and Independence Day, Principal appeals to all to remember the struggle of freedom and respect the National Flag and National Anthem. Regular gender sensitization programs and counseling sessions are conducted for the students, staff and faculty to create an inclusive environment across our campuses. The annual cultural fest is also promoting the awareness towards rights and duties of citizens where Skits, Dances, Poetry, singing etc. are based on such themes.

Our constitution provides for human dignity, equality, social justice, human rights and freedom, rule of law, equity and respect and superiority of constitution in the national life. The whole country is governed on the basis of the rights and duties preserved in the Constitution of India. Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day is also celebrated every year to highlight the struggle of freedom and importance of Indian constitution.

In observation of the importance of inculcating the constitutional obligations, values, rights, duties and responsibility in both staff and students of BRECW, the college has taken the initiation of organizing sensitization and awareness programmes in the college regarding Human Rights, Fundamental Rights, Legal Awareness, Traffic Awareness, Civil Safety, Values, Anti-Drug programmes etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1

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

Response:

Best Practices:

1. Holistic development of women

2. A legacy of honouring achievements.

Best Practice 1:

Title of the Practice: Holistic development of women

Objectives of the Practice: BRECW is committed to foster the holistic development of women by prioritizing their overall well-being:

- To prepare students for their desired career paths, including entrepreneurship, job placements or further studies by enhancing employability skills.
- To promote physical fitness, teamwork, creativity, problem-solving, social connections, and leadership skills by taking part in sports, cultural, and technical events

The Context:

Effective communication and practical knowledge is required in today's competitive job market. Addressing these needs, the college has instituted initiatives for enhancing employability skills of students.

Extracurricular activities are conducted to balance academic focus and holistic development.

The Practice

The institution offers comprehensive employability skill enhancement programs for all students starting from their first year. Details of these programs are outlined below:

1. The college follows JNTUH curriculum which includes English Language and Communication Skills Lab in I B Tech I Sem, it enhances linguistic, communicative, and critical thinking skills,

enhancing employability through improved communication clarity and confidence.

2. Additionally, the Advanced Communication Skills Lab in III B Tech I Sem, utilizes multimedia to enhance fluency, vocabulary, and written communication for professional interactions and placements.
3. Students are encouraged to undertake internships to develop practical skills, thereby enhancing their hands-on experience, industry knowledge, and employability.
4. The college arranges a comprehensive Campus Recruitment Training Program for II and III year students, covering quantitative aptitude, logical reasoning, verbal ability, and technical skills. Conducted by a third-party, it includes regular assessments, hands on experience and coding competitions.
5. Faculty and students are encouraged to enrol in NPTEL courses to augment their knowledge in their respective fields.
6. The Innovation Incubation and Entrepreneurship Cell conducts awareness programs and seminars to nurture student's entrepreneurial aspirations.
7. The placement cell organizes motivational talks and expert sessions to inspire students, develop leadership skills, and guide them in making informed career choices.
8. The college hosts yearly extracurricular events like sports and cultural days, including Fresher's and Farewell celebrations for both teachers and students, aiming to support all-around growth and development.
9. Every year on International Women's Day, we host Annual Technical Events Day. On the same day a Food Plaza is arranged, where students set up their stalls. The day is closed with inspirational talks at the RCC.
10. College committees have been formed with assignments to ensure smooth college activities. Each committee has specific functions and schedules for regular meetings to facilitate effective coordination.

Evidence of Success:

Implementing these practices resulted in boosting on-campus recruitments, reflecting the effectiveness of efforts.

Academic Year	Total number of students placed
2022-23	396
2021-22	381
2020-21	257
2019-20	134
2018-19	152

Problems Encountered and Resources Required:

Slow learners find it hard to manage both academics and technical trainings together. They may struggle to keep pace with the demands of both, leading to feelings of overwhelm or inadequacy. They need extra help and flexible ways of learning to keep up and feel successful in their studies and training.

Best Practice 2:

Title of the Practice: A legacy of honouring achievements.

Objectives of the Practice: BRECW recognizes and celebrates outstanding contributions within the

college community:

- To recognize and felicitate faculty members with 20 years of service.
- To felicitate University gold medallist.
- To appreciate students with merit, attendance, and consistency awards

The Context:

Faculty members who continually improve their expertise can offer more effective teaching, mentorship, and guidance to students, leading to better learning outcomes. Being recognized and felicitated can encourage faculty members to continue enhancing their skills and knowledge, benefiting both students and themselves.

The institution's aim is to facilitate students, which motivates them to excel academically and achieve best results.

By encouraging regular class attendance and rewarding academic excellence with awards, students are motivated to prioritize their education.

The Practice

For the past two decades, BRECW has upheld a tradition of recognizing and honouring exceptional accomplishments among both students and faculty. The details are outlined below:

1. The management acknowledges the long-serving Staff members by hosting a felicitation program. The staff who have successfully completed 20 years of service are honoured with a citation and a cheque, in recognition of their dedication and contributions to the institution over the years.
2. Students who achieve university gold medals are felicitated by the college. The topper shares her experiences, motivating others for academic excellence. Each awardee receives a citation and a cheque, symbolizing the institution's appreciation for their remarkable achievements and inspiring future success.
3. Merit awards are presented in every semester, to students achieving an SGPA of 8.0 or higher in end-semester university exams. Recipients receive certificates and cheques as recognition of their academic excellence, motivating continuous achievement and fostering a culture of excellence within the institution.
4. Students with an attendance of 90% or above are honoured with Attendance awards. These awards, in the form of certificates and cheques, recognize their commitment to punctuality and dedication.
5. The Consistency award is given for both attendance and merit for honouring those who have consistently received awards in every semester. This recognition celebrates their unwavering commitment to punctuality and academic excellence throughout their academic journey.

Evidence of Success

In the last five years (2018 to 2023), BRECW honoured 10 staff members for successful completion of 20 years of service, acknowledging their commitment and contributions to the college.

Over a period of 25 years of successful journey from 1999 to 2023, a total of 14 students of BRECW have achieved the prestigious distinction of receiving University gold medals, highlighting their exceptional academic achievements and contributions.

Problems Encountered and Resources Required

Students receive a consistency award for attendance/merit at the end of their course only if they have received attendance/merit awards every semester. However, if they miss even one semester due to personal reasons or health issues, they might not be eligible for the award. This leads to decrease in number of students receiving consistency awards.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Established in 1997, Bhoj Reddy Engineering College for Women has thrived for over 25 years, becoming a leading institution for women's engineering education in the state. Nestled in the heart of the city, the campus provides a serene and conducive environment, perfect for fostering excellence in girls' engineering education.

A testimony for the Academic Excellence aimed and achieved at BRECW is our University Gold Medalists for being the toppers among all the affiliated colleges in the concerned branch:

S.No.	Name	Hall ticket No	Batch	Branch
1	Rubina Naaz	99321A1030	1999-2003	EIE
2	Sree Deepika	00321A1038	2000-2004	EIE
3	G Padmini	03321A0542	2003-2007	CSE
4	AVSLG Swetha	05321A1254	2005-2009	IT

5	Himaja K	05321A1020	2005-2009	EIE
6	K Kavya	08321A0437	2008-2012	ECE
7	Anusha Cherala	10321A1003	2010-2014	EIE
8	Poornima Mor	11321A1032	2011-2015	EIE
9	D Samhitha	12321A0238	2012-2016	EEE
10	N Vineesha	13321A04H5	2013-2017	ECE
11	G Harshini	14321A0525	2014-2018	CSE
12	Lahari Mittapally	14321A1231	2015-2019	IT
13	Kondam Amukthamalyada	18321A0204	2018-2022	EEE
14	Panjala Aishwarya	19321A0509	2019-2023	CSE

The Management, with the aim of motivating the students to achieve greater academic excellence, is giving merit and attendance awards from 2003-04. The management also felicitates University Gold Medalists.

Criteria for Merit awards:

S No	SGPA	Amount (Rs)
1	8.0	1000
2	8.1	1100
3	8.2	1200
4	8.3	1300
5	8.4	1400
6	8.5	1550
7	8.6	1700
8	8.7	1850
9	8.8	2000

10	8.9	2150
11	9.0	2350
12	9.1	2550
13	9.2	2800
14	9.3	3050
15	9.4	3350
16	9.5	3700
17	9.6	4100
18	9.7	4550
19	9.8	5050

Criteria for Attendance awards:

S No	Attendance Percentage	Amount(Rs)
1	90%	500
2	91%	550
3	92%	625
4	93%	725
5	94%	850
6	95%	1000
7	96%	1175
8	97%	1375
9	98%	1600
10	99%	1850
11	100%	2125

The management of Bhoj Reddy Engineering College for Women, continuously pursues the development of Faculty by encouraging to pursue higher studies and research by extending special facilities. The faculty are regularly trained on the latest trends of Technology. The Faculty were also encouraged to use the computers in the regional language “Telugu” by providing the multilingual software package “SHREE-LIPI” software on every individual desktop. Shree Lipi package also helped the staff from other states to prepare documents in their regional language including Devanagari, Bengali, Gujarati, Gurmukhi, Kannada, Malayalam, Oriya, and Tamil

The college has a 100KW solar power plant making the campus Environmentally Friendly. The solar panels are installed on the top of the buildings. Using the Solar Renewable Energy, the college has reduced the Electricity Bills by more than 50%. The campus also achieved Energy Independence.

Other distinct thrust areas of the Institution:

- Exclusively for women, with good discipline and security
- Women Protection Cell and Anti-Sexual Harassment Cell are established addressing issues related to the safety, security, and rights of women
- Centrally located and well connected by RTC bus services to various parts of the twin cities. The college is just 4 kms from Koti Bus Stop. Within 10-20 minutes, anyone can reach the Metro Train Station which is well connected to most of the parts of Twin Cities
- Housed in buildings with a total plinth area of 20,000 square meters
- Well-equipped and state-of-the-art laboratories as per the norms specified by Jawaharlal Nehru Technological University Hyderabad (JNTUH) & All India Council for Technical Education (AICTE)
- Cultural and co-curricular activities are organized on regular basis encouraging overall personality development of students
- Technical Associations are formed to promote professional activities in each department
- Practical training to the faculty and students both online and offline are organized during summer vacation. The College has been in the forefront in organizing various short-term courses, symposia, workshops, seminars and special lectures.
- The College has Students Chapters, namely (i) Institution of Electrical & Electronics Engineers (IEEE), (ii) Indian Society for Technical Education (ISTE), (iii) Institution of Electronics & Telecommunication Engineers (IETE) and (iv) Computer Society of India (CSI).
- Alumnae Association is formed to provide a forum for alumnae interaction
- Post box facility is available within the campus
- More than 90% of the final year students have taken up live problems from industries as their design projects
- Well-designed classrooms with latest audio visual aids
- The college has spacious well-stocked modern library, available to the students and faculty, the latest information in all forms, text and competitive and reference books, periodicals and back volumes of periodicals, project reports, and CDs and Newspapers facility for their intellectual nourishment. The college library is fully computerized through VTLS-VIRTUA Library Management Software, networked and multimedia digital library with 65 computers.
- Indoor and outdoor sports and games facilities. Students are encouraged to participate in intra and inter college sports meet. The Outdoor games facilities include a 200 mts track with Basket Ball, Volley Ball, Throw Ball, Tenni Koit and Shuttle badminton courts. The indoor games facilities

include Table Tennis, Carroms and Chess.

- Banking facility is available adjacent to the campus
- Sangam Laxmibai Vidyapeet, the sponsor of the college, is a non-profit organisation, a registered voluntary social action group working since 1952 for empowerment of women and girls through education. The Vidyapeet has more than 60 years of experience in the field of education.
- Students are encouraged to write technical papers and to participate in seminars, workshops and conferences conducted by the college and other institutions
- Private hostels exclusively for women are available within 200 meters of the campus
- Rainwater harvesting system is available at multiple areas in the campus
- A full-fledged Indoor Auditorium in Ramdev Block of the campus with a capacity of 300 is hosting a number of curricular, co-curricular and extra-curricular activities from the academic year 2012-13.
- More than 80% of the campus area is covered with greenery

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

5. CONCLUSION

Additional Information :

- Bhoj Reddy Engineering College for Women celebrated its academic excellence of 25 years on 17 December 2022.
- The college is well connected by RTC bus services to various parts of the twin cities, making it easily accessible.
- The college maintains a clean and green campus devoid of noise and dust pollution.
- Private hostels exclusively for women are available within 200 meters of the campus.
- The college has well-equipped classrooms and state-of-the art laboratories as per the norms specified by JNTUH and AICTE.
- The college has a central and a digital library, seminar halls, a well-maintained playground, a sports room, a spacious parking facility, and an efficiently functioning canteen.
- The college has an open-air auditorium with a capacity of more than 1200 as well as a full-fledged 'Ramdev Indoor Auditorium' with a capacity of 300 for conducting curricular, co-curricular, and extra-curricular activities.
- The college has 348 Mbps leased line Internet connectivity, ensuring high-speed access for every department, section and library. Both staff and students avail free access to the Internet throughout the campus.
- The Library and Information Center (LIC) is fully automated through VTLS VIRTUA Integrated Library System Software, offering quality facilities to the students and staff of the college.
- An intercom facility is in place for effective communication within the organization.
- Reverse Osmosis (RO) filters are placed on every floor to serve the students and faculty.
- IEEE, ISTE, IETE, CSI student chapters are formed
- The Training and Placement Cell of the college provides innovative training methods of the Finishing School concept in emerging technologies, soft skills, technical skills and personality development programs by professional trainers to the students to meet the requirements of the corporate world.
- The college recognizes and rewards regular attendance and academic excellence by awarding cash prizes every semester. Additionally, university gold medalists are felicitated with cash prizes.

Concluding Remarks :

BRECW has started its educational journey in 1997 with the objective of creating knowledgeable, skilled and responsible engineers for a better society. Till date BRECW has produced ten thousand two hundred and seventy nine (10279) graduates through its BTech programme and over 3000 Postgraduates through its MBA & MCA programmes in regular mode. BRECW is an private Engineering College for Women affiliated to JNTUH, Hyderabad within the jurisdiction of Telangana State. Committed faculty and excellent infrastructure results into 96.79 average enrolment percentage. The pass percentage of our Students has been consistently between 85% to 90%. Our Students have secured 14 University gold medals till date in every branches of

Engineering we offer. Most of our product is serving in Top MNCs, Public sector or are pursuing higher studies in reputed Universities in India or Abroad.

We have built a transparent administration that ensures a student centric academic learning experience. At the quality level we have been striving hard to promote the notions of values, merit and excellence. Punctuality has been the key inculcation in the Institute functioning. Strict enforcement of maintenance of 75% of mandatory student attendance have proved excellent outcome of the results. Regularity of Classwork and Labwork is our greatest strength. Students are encouraged to participate in various Tech Events like paper presentation, hackathons, project expo apart from other cultural and sports events. Students are also motivated to secure GATE/GRE/CAT/GMAT/IELTS score apart from taking up internships. Faculty are recruited through a rigorous process. Faculty are encouraged to pursue research, attend FDP/ Seminars/Workshops and get certified in cutting edge Technologies.

Our initiatives such as of College ERP which automates student feedback system, fee payment, result analysis, tracking scholarships, Staff leave management and Salary Calculation. The biometric attendance system is in place for teaching and nonteaching staff for over a decade now. Every Committee, Department or Executive level meeting minutes are recorded and ensured that they are productive and conclusive. The grievance and redressal system for staff and students effectively considers the versions from all stake holders and resolves issues at the earliest.