

## Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)

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The above initiatives have been instrumental in strengthening the competitive spirit on campus and streamlining the entire process of teaching and learning.

Students' interactions in the classroom, their participation in extracurricular activities, their performance on the internal assessment and their annual examination are all assessed with the goal to review the learning outcome. During the auditing process, a report on each department students' academic achievement is given. The departmental program assessment committee supervises and monitors the student evaluation procedures, which are carried out through internal evaluations such as unit tests, assignments, midterm exams, seminars and projects.

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The following are the Teaching and Learning reforms carried out by IQAC during last five years:

- a) The IQAC at BRECW promotes and makes sure that teaching and learning approaches are continuously improved. It provides momentum for the integration of experiential learning, student-centered learning through ICT, and participatory teaching methods.
- b) Online resources like Google Classroom, Zoom Meeting, Microsoft Teams, NPTEL video lectures and learning-by-doing approaches have all helped to support teaching and learning.
- c) The organization additionally offers digital library resources, such as IEEE Xplorer, JGate Engineering and Technology and Delnet which serve as a repository for e-books and research articles for educational and scientific uses.
- d) In addition to classroom instruction, field studies, skill-based workshops, industrial visits, educational tours, community service projects, webinars, and skill-based learning are implemented to provide experiential and participatory possibilities for learning.
- e) In addition, the Entrepreneurship Development Cell, Innovation, Incubation & Entrepreneurship Cell, Hackathon Club, Web Development Club and United Coders Club offer capacity building programs to improve organizational, leadership and entrepreneurial skills.
- f) Several Memorandums of Understanding (MoUs) were made with eminent organizations to provide certificate programs and skill-enhancement exercises aimed at honing students' skill sets.

## Quality Initiatives Undertaken in last five years

- 1. Strategic planning and academic calendar for effective curriculum delivery
- 2. Introduction of add on certificate courses to bridge the curriculum gaps and to hone the skills
- 3. Special focus on experiential/participative learning
- 4. Online structured feedback mechanism
- 5. Special programmes for advanced and slow learners
- 6. Mentor-mentee programme
- 7. Internal assessment mechanism
- 8. Grievance redressal mechanism

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- 9. Implementation of OBE and evaluation of attainment of POs and COs
- 10. Focus on students' satisfaction and regular feedback
- 11. Promotion of research and publications
- 12. Platforms for extension/outreach activities
- 13. Internet facility with more than 100 mbps speed
- 14. Enrichment of IT infrastructure
- 15. Capability enhancement initiatives
- 16. Proactive alumni association
- 17. Organization of seminars/workshops
- 18. Internal, external academic and administrative auditing
- 19. Environment and Green/Energy Audit
- 20. ISO certifications
- 21. Framed the code of conduct
- 22. Celebrations of national events/days/festivals
- 23. Documentation of institutional working
- 24. Merit and attendance awards
- 25. Establishing innovation and incubation cell
- 26. Meetings of IQAC and DAC
- 27. Professional development programmes
- 28. Adopting villages for the exchange of knowledge and for the overall social benefit

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