



Bhoj Reddy Engineering College for Women



Department of Electronics & Communication Engineering

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NEWSLETTER



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VISION

To empower women by providing thorough quality technical education and transform into meritorious, self-disciplined and competent professionals with a keen sense of social responsibility and enable them to reach goals in the area of Electronics and Communication Engineering.



MISSION

The Mission of the Department of Electronics and Communication Engineering is:

- To be the epitome of academic rigour, flexible to accommodate every student and faculty for basic, current and future technologies in Electronics and Communication Engineering.
- Strengthening and providing support in sustaining a healthy society by improving the quality of life through the application of technology

Educate. Elevate. Empower



Workshop

"Two-day Workshop on "Embedded Systems"



Faculty Envisioning the Workshop Session



Students Engaged in learning and participation

A Two-Day workshop on 'Embedded Systems' was successfully conducted by Department of Electronics and Communication Engineering in association with Expert Embedded solutions at BRECW during 18-19 for III ECE-A, 20-21 for III ECE-B and 25- 26 for III ECE-C April 2021

The workshop mainly focuses to give participants a chance to get hands-on experience on the latest trending embedded system hardware and different types of sensors. Emphasis is given to make the participants learn how to programme the control boards for different types of sensors and different applications. About 81 participants attended the programme on both the days.

The uses of embedded systems are virtually limitless, because every day new products are introduced to the market that utilise embedded computers in novel ways. In recent years, hardware such as microprocessors, microcontrollers and FPGA chips have become much economical .

Many embedded computers, even come with extensive libraries, so that "writing your own software" becomes a very trivial task indeed. The objective of this workshop is to present and discuss the embedded system architecture, to write the software for the processor, debug the software, to interface peripherals with the processor.

"An investment in knowledge pays the best interest"

SPORTS FEST



Expansive college ground with serenity

The Outdoor games facilities include a 200 mts track with Basket Ball, Volley Ball, Throw Ball, TenniKoit and Shuttle badminton courts. The indoor games facilities include Table Tennis, Carroms and Chess. Inter Engineering Games Meets for Women students are conducted every year.

Many medals are won by the students in JNTUH Inter Engineering Collegiate Tournament every year. Many students represented the JNTUH in All India Inter University Championships held in various places in India. The Management of the College encourages the students by giving cash awards for the University players as well as the winners in JNTUH Inter Engineering Collegiate Tournaments.



Students Won 1st Prize for Basket Ball

NATIONAL CADET CORPS (NCC) :

The NCC Unit was established in the college in 2003. This college is attached to Unit2 (Andhra) Air Sqn(Technical) Cadre. Many students attended the selections and they completed the campus successfully and got 'B' & 'C' certificates.

"Victory loves preparation"

GUEST LECTURE

Guest Lecture on "Analog Electronics"

On September 23, 2021, a guest lecture on Analog Electronics was held for III B.Tech students was delivered by A Goutham from the OHM Institute Hyderabad . This event was a significant opportunity for students to gain insights from an expert actively engaged in cutting-edge research and development.



Speaker Providing an Insightful Overview

The Speaker's lecture covered a range of topics including the fundamentals of Analog Electronics theory, techniques, and their applications in various defence technologies. The session not only enhanced the students' theoretical knowledge but also provided them with real-world examples of how signal processing is utilized in national defence. This guest lecture was part of the ongoing efforts to bridge the gap between academic learning and industry practices, ensuring that the students are well-prepared for their future careers in engineering and technology.

Analog electronics deals with circuits that manipulate continuous signals. Unlike digital electronics, which process discrete on/off signals, analog circuits handle a range of voltage or current levels. Key components in analog electronics include resistors, capacitors, inductors, diodes, and transistors. These components work together in various configurations to perform functions such as amplification, filtering, oscillation, and modulation.




Guest emphasizing key points and sharing relevant examples

"Learn today, lead tomorrow"

CAREER GUIDANCE

Teams can give candidates an edge. Online learning platforms such as Coursera and LinkedIn Learning offer courses and certifications to enhance skills in high-demand areas like data science and cybersecurity. Building a strong online presence through LinkedIn and an online portfolio on GitHub or a personal website can showcase the capabilities to potential employers.

 **Bhoj Reddy Engineering College for Women**
(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)
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8 April 2021

Circular

All the students are informed that, the training and placement cell committee is conducting a Career Enhancement Talk on "Placement Preparation – Pandemic Opportunity" for III B Tech CSE/ECE/EEE/IT students on 9 April 2021 from 1:30 AM to 03:30 PM through Online Zoom Meeting.

The details are as follows:

S.no	Branches	Timings	Speaker name
1.	CSE, ECE, EEE and IT	1:30 AM to 03:30 PM	Mr. Praveen Pantula



Circular Banner for Career Guidance



Students enthusiastically participating in career guidance

Networking through webinars and virtual conferences keeps you informed about industry trends and connects the Student with professionals. Practical experience can be gained through remote internships and personal projects, demonstrating the skills and initiative. Staying updated on company cultures and practicing aptitude and technical tests on platforms like LeetCode and HackerRank prepares the Student for the selection process. Additionally, developing soft skills like communication and teamwork is essential for success in virtual settings. Balancing work with mental and physical well-being ensures sustained productivity and readiness for opportunities.

FAREWELL

Party

The farewell day celebration is a momentous event in the life of every graduating batch at an engineering college. It serves as an opportunity for students to bid farewell to their alma mater, reflect on their academic journey, and embark on a new chapter in their lives. The farewell day celebration at BRECW was organised by the student council, with support from the faculty and administration. The planning process went on several weeks in advance, with a dedicated committee appointed to oversee various aspects of the event.

As you embark on new adventures, we want to express our heartfelt gratitude for your guidance and friendship. Your legacy of hard work and dedication has left an indelible mark on us. Wishing all the students success and happiness in for their future endeavors.



Students dance moves at RCC



Students look forward to the farewell eve

**"Laughter echoes, tears may flow,
Farewell's embrace, friendships grow"**

Placements

In 2021, the placement drive at BRECW College illuminated the corridors with a beaming sense of accomplishment and promise. With an impressive tally of 140 to 160 members finding their rightful places in renowned companies, the campus was bustling with excitement and jubilation. The success stories of these placements resonated across the campus, filling the air with an aura of triumph and optimism. Quest Global, with its pioneering spirit in engineering solutions, welcomed talented individuals from BRECW College, recognising their potential to contribute to innovation and excellence. Similarly, Unisys, Mahindra, and Amazon & global giants in their respective domains, opened their doors to embrace the fresh perspectives and skills nurtured at BRECW. As the graduates stepped into the professional world, they carried with them not just degrees but a sense of pride and confidence instilled by their alma mater. The placements underscored BRECW's reputation as a cradle of talent, where dreams take flight and aspirations turn into achievements.



The placements at Brecw College in 2021 epitomized the culmination of hard work, perseverance, and academic excellence. They were a testament to the unwavering commitment of both students and faculty to nurture talent and foster an environment conducive to learning and growth. As the graduates stepped into the professional world, they carried with them not just degrees but a sense of pride and confidence instilled by their alma mater.

"Here's to the future"