



# Bhoj Reddy Engineering College for women

@ principal@brecw.ac.in

☎ 040-2453-1725/7282



**Department of Electronics & Communication Engineering**

# Electron

# Edge



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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



# Independence Day

Our college celebrated Independence Day on 15th August, 2021. The Independence Day celebration at BRECW College is a vibrant and patriotic event that brings together students, faculty, and staff to honor the nation's freedom. The festivities commence with the hoisting of the national flag, accompanied by the resonant strains of the national anthem, which instills a deep sense of pride and unity among all attendees.

*"Independence reigns"*



***Rangoli***

A highlight of the celebration is the beautiful display of rangolis, meticulously crafted by the students. These intricate designs, rich in cultural symbolism and bursting with vibrant colors, adorn the college premises, adding to the festive atmosphere.

***" With pride we celebrate today, our freedom shines in every way "***



# Guest Lecture

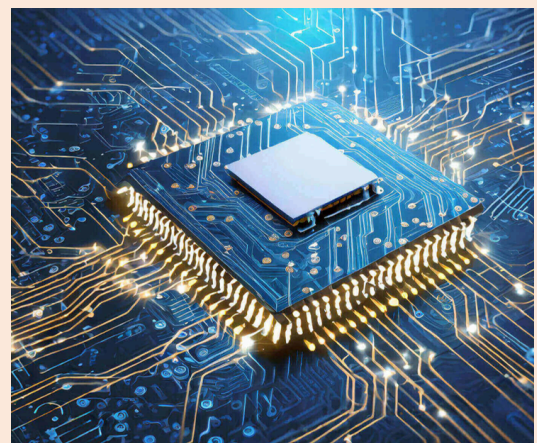
## Online Guest Lecture on "Practical aspects of communication receivers"

On June 23 , 2021, a guest lecture on Practical aspects of Communication Receivers was held for III B .Tech students, delivered by Ms Ch Baby Rani from the Defence Research and Development Laboratory (DRDL). This event was a significant opportunity for students to gain insights from an expert actively engaged in cutting-edge research and development.



***Students engaged in informative guest lecture***

Her lecture covered a wide range of topics including the fundamentals of Communication Receivers and 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



*"A good Speaker can inspire hope, ignite the imagination, and instill a love of learning"*

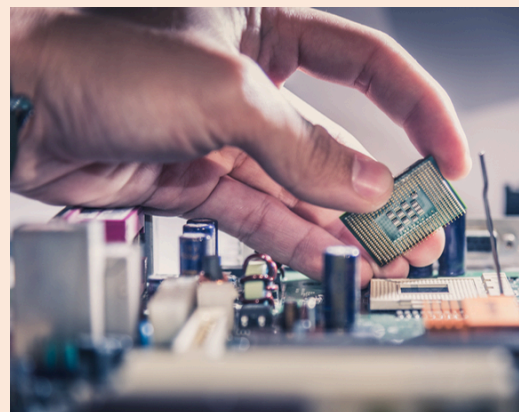
# WEBINAR

## “System on Chip Verification in VLSI”

Bhoj Reddy Engineering College for Women  
Department of Electronics and Communication Engineering

The list of Webinars, Guest Lectures & workshops conducted in ECE department during the academic year 2020-21 are listed in the table.

S. No	Workshop Name	Class	Date	Conducted by
1.	Online Webinar on "System on Chip Verification in VLSI",	For II, III and IV B.Tech ECE	on 23 January 2021 at 14:00-15:00 Hrs through Microsoft Teams	Pantech solutions, Hyderabad



### **Circular on Webinar**

On January 23, 2021, an online webinar on “System on chip Verification in VLSI” was held for II, III and IV B.Tech ECE students, Conducted by Pantech solutions, Hyderabad. This event was a significant opportunity for students to gain insights from an expert actively engaged in cutting-edge research and development.



### **Guest lecturer elaborating on topic in webinar**

A guest lecture on chip verification in VLSI (Very Large Scale Integration) should cover several key topics to provide a comprehensive understanding. It started with an introduction to VLSI and the importance of chip verification in ensuring the functionality and reliability of integrated circuits. It explained the verification process, including the different stages such as assimilation, emulation, and formal verification.

The various verification methodologies like Directed Testing, Random Testing, and Coverage-Driven Verification. The lecture highlighted the tools and software commonly used in the industry, such as System Verilog, UVM (Universal Verification Methodology), and assertion-based verification tools.

***“In the digital age we explore,  
webinars at college open new doors”***



# Workshop

## “ PCB Design and Fabrication”



*Students actively involved in essential workshop*



The Bhoj Reddy Engineering College for Women has organised a two-day workshop on “PCB Design and Fabrication” for II B Tech ECE students during 18-21 December 2023. . The software explanation part was done in the computer lab 3,4 (NB 108,109) and hands-on session was conducted.



This workshop was conducted by Mr. B. Ramanjaneyulu, Senior project engineer, Embedded system IoT M/s Pantech E learnings, Pvt., Ltd Hyderabad. The workshop was scheduled between 09:30 – 16:30 Hrs. Today, many of our daily appliances and equipment use electronics, sensors and sophisticated computer technologies. Circuit Designing & PCB Designing is an integral part of any Electronic Gadget or Robotics.

*“Learn, grow, let your knowledge flow”*

# FRESHERS



## **Freshers radiate excitement and beauty**

The atmosphere at BRECW College on 25th November, 2021 is electric as the annual freshers' celebration unfolds with a blend of excitement and anticipation. The campus is abuzz with new students eager to embark on their academic journey and create lasting memories. The event kicked off emphasizing the importance of this transition period and encouraged the students to make the most of their college experience. Colourful banners and streamers adorned the halls, setting a festive mood that is both welcoming and invigorating.

The highlight of the evening was the time, when freshers showcased their skills in singing, dancing, and acting. Each of the performance was met with loud applause and cheers, reflecting the supportive and inclusive environment BRECW College prides itself on



***Students look forward to the freshers eve***

*"Every accomplishment starts with the decision to try"*



# PLACEMENTS



The department promotes soft skills development programmes & personality development. Programmes by professional trainers to the students to meet the corporate requirements and also promoting awareness programmes on emerging technologies held regularly .

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, recognizing their potential to contribute to innovation and excellence. Similarly, Unisys, Mahindra, Amazon and other global giants in their respective domains, opened their doors to embrace the fresh perspectives and skills nurtured at BRECW.

The placements underscored BRECW's reputation as a cradle of talent, where dreams take flight and aspirations turn into achievements.



*"From classrooms to the  
world you stride,  
graduates, with knowledge as  
your guide"*