

ELECTRON EDGE



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**Bhoj Reddy Engineering
College For Women**

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**Department of Electronics
& Communication
Engineering**

Newsletter



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VISION

ECE department envisions developing technically competent and meritorious women engineers with a keen sense of social responsibility.

MISSION

- To provide a challenging and value-based education, enriching knowledge of young engineers in the field of Electronics and Communication Engineering.
- To strive for the intellectual and personal development of young women to build a healthy society by improving the quality of life through the application of Electronics.
- To inculcate self-confidence, teamwork, leadership, and entrepreneurship in students through curricular, co-curricular and extracurricular activities.
- To develop adaptable thinking and the ability to apply the techniques of communication innovatively in a realistic environment for the current and future technological requirements.

Workshop

Our college has been in the forefront in organising various short-term courses, conferences, seminars, workshops and special lectures.

We've organised a one week workshop on "Machine Learning & AI using Python" as per the following schedule:

S No	Class	Date and Time (Hrs)	Venue
1	II ECE A, B & C	29 January 2024, 9.30 – 11.00	Seminar Hall-II (WB402) (Inaugural Session)
		29 January 2024, 11.00 – 16.30	Seminar Hall-I & II (WB-401 & 402) CSE Lab - V & VI (WB-301 & 302)
		30 January 2024, 9.30 – 16.30	Seminar Hall-I & II (WB-401 & 402) CSE Lab - V & VI (WB-301 & 302)
		31 January 2024, 9.30 – 16.30	Seminar Hall-I & II (WB-401 & 402) CSE Lab - V & VI (WB-301 & 302)
		01 February 2024, 9.30 – 16.30	Seminar Hall-I & II (WB-401 & 402) CSE Lab - V & VI (WB-301 & 302)
		02 February 2024, 9.30 – 16.30	Seminar Hall-I & II (WB-401 & 402) CSE Lab - V & VI (WB-301 & 302)
		03 February 2024, 9.30 – 15.30	Seminar Hall-I & II (WB-401 & 402) CSE Lab - V & VI (WB-301 & 302) (Hackhthon)
		03 February 2024 15:30 – 16:30	Seminar Hall-II WB402 (Valedictory Function)

Schedule of "Machine Learning & AI using Python" Workshop



Captivating moments from our enriching workshop - where learning meets innovation!

"Strong Women, Strong World"

RePublic Day

Every year, Republic Day is celebrated in India on 26th January with great grandeur and pride. It's a day to honor the Constitution of Independent India.

Our college celebrated Republic Day on 26 January 2024 at 9.30 A.M with staff and students. Principal hoisted the flag and Vice principal gave valuable messages regarding importance of freedom to the students. Some of the students participated in events like singing patriotic songs & delivered speeches. Faculty has also participated with great enthusiasm.



Saluting the spirit of unity and patriotism on Republic Day!

The celebrations continued with cultural performances that highlighted India's rich diversity and heritage, showcasing traditional dances and recitals. Students and faculty came together in unity to commemorate the sacrifices of our freedom fighters and reflect on the significance of democratic values. The event concluded with a pledge to uphold the principles enshrined in our Constitution, fostering a sense of national pride and unity among all participants.

“Women: Leaders of Today, Builders of Tomorrow”

Merit & Attendance Awards

BRECW has organised “Merit & Attendance Awards” distribution program on 22 March 2024.

At BRECW, the Merit and Attendance Awards stand as pillars of recognition, honoring excellence and commitment among our students.

The Merit Awards serve as a testament to academic achievement, celebrating the dedication and hard work of students who excel in their studies. These awards not only acknowledge intellectual prowess but also inspire others to strive for excellence in their academic pursuits.



Merit Awardees



Attendance Awardees

Complementing the Merit Awards are the Attendance Awards, which recognise the importance of consistent attendance and active participation in the learning process. By honoring the students who demonstrate punctuality and dedication to their studies, these awards reinforce the value of commitment and responsibility.

Both the Merit and Attendance Awards at BRECW play a vital role in fostering a culture of excellence, motivation, and accountability among our student body. They serve as tangible reminders of the standards we uphold and the achievements we celebrate within our academic community.

The awards distribution programme on 22 March 2024 promises to be a momentous occasion, bringing together students, faculty, and staff to celebrate these remarkable achievements. It is through such recognition that BRECW continues to nurture and inspire future leaders, setting a benchmark for academic and personal growth.

The event will also highlight the supportive community spirit at BRECW, encouraging mutual encouragement and success among peers. It serves as a testament to our commitment to holistic education, preparing students for future challenges with a strong foundation of merit and dedication.

Annual Students Sports & Games Meet

BRECW has organised “Annual Students Sports & Games Meet” for all the students of I, II, III & IV BTech on 27 & 28 March 2024.

Date 1	Timings 2	Event 3	Venue 4
27 and 28 March 2024	09:30 - 04:30	Volleyball	Engineering College Ground
		Basketball	
		Throwball	
		Handball	
	09.30 – 10.00	Running	Polytechnic College Ground
	10.00 – 10.30	Relay Race	
	10.30 – 04.30	Kho-Kho	
	09:30 - 04:30	Tennikoit	Junior College Ground
		Carroms	Room No. 108 (East Block)
		Chess	Room No. 109 (East Block)

For all games:	
Knock-outs & Semi-finals	27 March 2024
Finals	28 March 2024

Circular of Annual Students Sports & Games Meet

The Annual Students Sports & Games Meet at BRECW ignites the spirit of competition, camaraderie, and sportsmanship across the campus. It's a time when the entire institution pulsates with energy as students showcase their athletic prowess and team spirit.

During the Sports & Games Meet, the campus transforms into an arena of enthusiasm and passion, where every race, match, and game becomes a stage for students to push their limits and shine. It's not just about winning medals, but about the joy of participation and the thrill of healthy competition.

The event also provides a platform for students to build lasting friendships and networks, strengthening the bonds within the BRECW community. Ultimately, the Sports & Games Meet is a celebration of athleticism, spirit, and the collective pursuit of excellence that defines the ethos of our institution.

Beyond the thrill of victory and the agony of defeat, the Sports & Games Meet at BRECW fosters a sense of unity and pride among students, as they come together to cheer for their peers and celebrate the achievements of their fellow athletes. It's a reminder that success is not just individual, but collective. The Sports & Games Meet at BRECW fosters unity and pride among students, celebrating both individual achievements and collective spirit through spirited competition and camaraderie.



Invitation of Annual Students Sports & Games Meet



Chess Competition



Carroms Competition

Whether it's on the track, field, or court, the Annual Students Sports & Games Meet at BRECW is more than just a sporting event—it's a celebration of resilience, determination, and the unbreakable spirit of the student community.



Tennekoit Competition



Running Competition

The echoes of cheers and the sight of students pushing their boundaries create an unforgettable atmosphere, making the Sports & Games Meet a cherished tradition at BRECW. This event exemplifies the holistic development of students, emphasizing the importance of physical fitness alongside academic excellence. As the meet concludes, the sense of achievement and camaraderie lingers, leaving lasting memories and setting the stage for future triumphs. The Annual Students Sports & Games Meet is a testament to the vibrant, dynamic spirit of BRECW, where every student is encouraged to strive for greatness in all aspects of life.

JIJNASA

A National-Level Technical Event, JIJNASA-2024, was conducted on 1st and 2nd April 2024, organized under the CSI, IEEE and ISTE student chapters. The inaugural session was started on 1 April 2024 in the presence of Chief Guest Mrs. S. Shankari, Project Director at ASL, DRDO. The other dignitaries on the dais included Prof. Sudha Vepa, Secretary of SLV; Dr Ch Sujatha Ganadhar, Chief Operating Officer of SLV; Dr Gracy Saila Sree, Director of HR & Academics; Dr J Madhavan, Professor & Principal of BRECW; Mr. G Dayakar Reddy, Vice Principal of BRECW and Ms. R Manju Bhargavi, JIJNASA Convenor.

Bhoj Reddy Engineering College for Women
(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)
Vinayanganagar, I S Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in

Registration Fee
IEEE, CSI, ISTE, IETE Members :75/-
Others : 100/-

JIJNASA-2024
A National Level Technical Event
Join Us On 1st & 2nd April, 2024

Exciting Cash prizes

Events

CSE / CSM / IT	ECE	EEE
Inno Talks • Artificial Intelligence & Machine Learning • DevOps & Agile Practices • Quantum Computing Innov8Tech • Edge Computing • Augmented Reality & Virtual Reality • Cybersecurity Solutions Mind Maze • PuzzleX (Level 1) • HackOreal (Level 2)	Blind Coding • Basic C programs • IoT, AI/ML, Network Security • Real world problems using Java/Python Poster Presentation • Block Chain, AI & ML, IoT • Cyber Security, Cloud Computing • Web Development, Software Engineering • Data Science & Big Data Mobi Game Expo • Mobile E-Sports • Virtual Reality • Multi-player games	TechTalk • Signal Processing, Communications • VLSI, IoT • Embedded Systems, Robotics VisionVoyage • Animation • Augmented Reality • Automatic Computing Blockchains • Digital Jewellery & E-Waste ElectronicEnsemble • Embedded Systems • IoT • Robotics Electronics

Guidelines

- Registrations will close on 25 March 2024
- Every individual member of a team, should register for the event
- Registrations must be done event wise

For any further queries, please visit www.brecw.ac.in

Contact us :
 Mail : jjnasabrecw24@gmail.com
 Instagram : [jjNASA2024](https://www.instagram.com/jjNASA2024)
 Mobile no : 8121925320, 8121979835

Timing's
 09:30 Hrs to 16:30 Hrs

Kit and Lunch will be provided for the Participants

Principal : Dr J Madhavan
Vice Principal : Mr G Dayakar Reddy
JIJNASA Coordinator : Ms R Manju Bhargavi
JIJNASA Co-coordinator : Dr P Deepthi

Faculty Coordinators
 Dr P Sumalatha (CSE)
 Ms B Jyothsna (ECE)
 Ms K Uma Rani (EEE)
 Ms D Navaneetha (IT)

Student Coordinators
 Ms K Sreeja (III CSE)
 Ms C Adithi Reddy (IV CSE)
 Ms Ch Shivani (III ECE)
 Ms P Suchithra (IV ECE)
 Ms M Smithi (III EEE)
 Ms A S Hema (IV EEE)
 Ms C Sharvani (III IT)
 Ms N Sanitha (IV IT)

SCAN ME FOR REGISTRATION

Poster of JIJNASA event

The session started with an invocation song followed by a brief introduction about Sangam Laxmibai Vidyapeet and Bhoj Reddy Engineering College for Women. Dr Ch Sujatha Ganadhar, Chief Operating Officer of SLV, Dr Gracy Saila Sree, Director of HR & Academics and Dr J Madhavan, Professor, addressed the gathering. They emphasized the importance of the technical event and provided valuable suggestions for achieving success in their fields of interest.

The session commenced with an uplifting invocation song, setting a harmonious tone for the gathering. Participants were then introduced to the esteemed institutions, Sangam Laxmibai Vidyapeet and Bhoj Reddy Engineering College for Women, underscoring their rich legacy and commitment to academic excellence.

“Embrace Her Potential, Embrace Our Future”



Inauguration of JIJNASA Fanzine

Chief Guest Mrs. S. Shankari, Project Director at ASL, DRDO, shared her invaluable insights and wisdom with the eager participants. She urged the students to use the powerful tools provided by science with utmost care. Additionally, she encouraged the students to cultivate a sense of curiosity and to use their knowledge for the benefit of society.

During the technical event, students participated and showcased their engineering skills in a variety of events. Open to both undergraduate and postgraduate students, JIJNASA-2024 offered a diverse array of activities designed to showcase and challenge the participants' technical acumen.

Participants engaged enthusiastically in a spectrum of events, from innovative project presentations to competitive technical quizzes, demonstrating their proficiency and innovative thinking in engineering disciplines.

Our department hosted three events: Tech Talk, Vision Voyage and Electronic Ensemble. We also conducted a guest lecture on the role of Artificial Intelligence in technological advancements.

These events aimed to foster a deep understanding of electronic systems and emerging technologies.

1.	Tech Talk (Paper Presentation)	Ms. G Srilakshmi Ph: 9848787365 Ms. Radhika Ravikrindi Ph: 8985037577	01-04-2024 11:00 – 16:30 Hrs	North Block- 108	Ms. S Jahnavi Ph: 6304585329 Ms. Shaik Sama Ms. K Neha Ph: 830986423	Faculty Coordinator Ms. B Jyothsna Bhagirathi Ph: 9347535453 Student Coordinators Ms. P Suchitra Ph: 8309048523 Ms. Ch Shivani Ph: 9603871022
2.	Vision Voyage (Poster Presentation)	Ms. Kazi Nikhat Parvin Ph: 9949590591 Ms. J Stella Mary Ph: 9490056820	01-04-2024 11:00 – 13:00 Hrs	North Block- 207, 208, 210, 216	Ms. P Sridurga Ph: 9398942892 Ms. B Prathyusha Ph: 8019824041	
3.	Electronic Ensemble (Working Model)	Ms. Radhika Rayeekanti Ph: 7396968605 Ms. K Srinidhi Reddy Ph: 7386998998	02-04-2024 10:00 – 12:30 Hrs	North Block- 207, 208	Ms. Sai Sruthi Ph: 9010872591 Ms. Esha Jain Ph: 9391168267	
4.	Guest Lecture (Artificial Intelligence- It's role in technological Advancements)	Dr Akella Sarveswara Rao DMRL, Hyderabad Ms. K Virija Ph: 99492866864	01-04-2024 14:30 – 16:30 Hrs	Ramdev Indoor Auditorium		

Details of event Organisers & Coordinators

Tech Talk

Tech Talk featured distinguished speakers from the industry and academia who shared their expertise on the latest trends, technologies, and innovations in electronics and communication engineering. These sessions provided students with valuable insights into emerging fields and real-world applications.



Participants presenting their paper

The event encouraged interactive discussions and Q&A sessions, allowing students to engage directly with the speakers, ask questions, and gain deeper understanding of the topics covered. This fostered a dynamic learning environment and inspired students to explore new areas of interest.

In addition to technical topics, speakers also provided career advice, discussing the skills needed for various roles in the industry and offering tips on how to succeed in a competitive job market.



Participants honored with Certificates

The event also provided a platform for the students to network with industry professionals, opening doors for potential internships, collaborations and future job opportunities.

Furthermore, participants received certificates acknowledging their involvement, while exemplary achievements were honored during the event's prize distribution ceremony, fostering motivation and recognition among attendees.

Vision Voyage

Vision Voyage was an exhibition of innovative projects developed by students. It showcased a wide range of creative solutions and prototypes addressing real-world challenges. This event highlighted the ingenuity and technical skills of the participants.



Participants showcasing their Posters

The exhibition provided a platform for students to collaborate, share ideas, and receive constructive feedback from peers, faculty, and industry professionals. This helped refine their projects and encouraged interdisciplinary collaboration.

Students had the chance to present their projects to a diverse audience, enhancing their public speaking and presentation skills. This experience was invaluable in preparing them for future academic and professional presentations.

The event underscored the commitment of our students to driving forward-thinking solutions that contribute to societal advancement and technological innovation.



Our Director of HR & Academics with participants



Participants in discussion with Judges

Participants demonstrated their dedication to practical application of knowledge, reinforcing their readiness to tackle complex global issues through innovative projects. Vision Voyage celebrated the spirit of creativity and problem-solving, inspiring a new generation of forward-looking engineers and innovators.

Furthermore, participants received certificates acknowledging their involvement, while exemplary achievements were honored during the event's prize distribution ceremony, fostering motivation and recognition among attendees.

Electronic Ensemble

Electronic Ensemble focused on hands-on activities and workshops related to electronics and communication. Students had the opportunity to work on practical projects, build circuits, and experiment with electronic components and systems.



Participants showcasing their Models

The event emphasized teamwork and collaboration, with participants working in groups to tackle technical challenges and develop innovative solutions. This fostered a spirit of camaraderie and enhanced their problem-solving and teamwork skills.

Workshops covered a range of topics from basic circuit design to advanced electronics, helping students develop both foundational and specialized skills. These practical experiences were crucial in bridging the gap between theoretical learning and real-world application.



Participants honored with Certificates



Rangoli at JIINASA Eventt

Students participated in innovation challenges that required them to think creatively and develop quick, effective solutions to presented problems. This not only tested their technical skills but also their ability to innovate under pressure.

These innovation challenges will push students to think on their feet, fostering both technical skill development and creative problem-solving capabilities

Furthermore, participants received certificates acknowledging their involvement, while exemplary achievements were honored during the event's prize distribution ceremony, fostering motivation and recognition among attendees.

Traditional Day & Mehendi Competition

BRECW has organised “Traditional Day & Mehendi Competition” for all the students on 29 April 2024.

Traditional Day at BRECW brings forth a vibrant celebration of culture, where every thread of tradition weaves into our modern lives. From the vibrant colors of sarees to the intricate designs of mehendi, it's a canvas of heritage.

In the midst of Traditional Day festivities, the Mehendi Competition at BRECW adds an extra dash of artistry. Here, fingertips become brushes, crafting delicate patterns that tell stories of tradition and creativity intertwining.

Awards were also distributed for the winners of Mehendi Competition.

As the sun set, the campus transformed into a vibrant tapestry of lights and colors. Traditional music and dance performances filled the air with joy, while students in their cultural attire mingled and celebrated. The Mehendi Competition winners, with their intricate designs, received their awards amidst applause and cheers. This event, rich with tradition and camaraderie, left a lasting impression, highlighting the beauty of cultural heritage at BRECW.



Students participating in Traditional Event



Invitation for Traditional day & Mehendi competition



Glimpse from Mehendi Competition

**“Celebrating Women, Embracing Culture:
Uniting Strengths, Inspiring Change”**

Food Plaza

BRECW has organised “Food Plaza” on 29 April 2024.

The campus has turned into a culinary carnival filled with diverse flavors and aromas. The Food Fest brought together students, faculty, and staff to celebrate the rich tapestry of culinary traditions from various regions.

Stalls brimmed with an array of delicious dishes, from spicy street food to exquisite gourmet delights, reflecting the diverse cultural backgrounds of the participants. Students showcased their culinary skills, whipping up traditional recipes and innovative fusion dishes that delighted taste buds and sparked conversations.

The fest was more than just a gastronomic adventure. It was a celebration of community and creativity.



Invitation of “Food Plaza”

Attendees had the opportunity to sample a wide variety of foods, learn about different culinary traditions, and appreciate the effort and passion that went into each dish. The event fostered a sense of unity and camaraderie, as everyone came together to share meals and stories, strengthening the bonds within the BRECW community.

The Food Fest at BRECW was a feast for the senses, leaving lasting memories of flavors, laughter, and shared experiences. It highlighted the joy of coming together over food, celebrating diversity, and appreciating the art of cooking.

Beyond the delicious fare, the Food Plaza became a focal point for community engagement and camaraderie. People from all walks of life came together, sharing not only meals but also stories and laughter. This gathering fostered a sense of unity, strengthening the bonds within the BRECW community as they celebrated diversity through the universal language of food.

The event left an indelible mark on attendees, creating lasting memories of flavors, laughter, and shared experiences. It underscored the power of food to transcend cultural boundaries and bring people together in joyous celebration. The Food Plaza at BRECW was more than just a culinary experience it was a testament to the enriching connections forged through the simple act of sharing a meal.

It exemplified how the Food Plaza at BRECW is not just a place to eat, but a vibrant gathering spot where diverse culinary traditions merge, creating a melting pot of flavors and fostering a sense of community.

The Food Plaza at BRECW epitomized a culinary mosaic, blending flavors from around the world into a communal celebration of food, culture, and togetherness.

Farewell Party

BRECW has organized “Farewell Party” for the students of ECE department on 7, 8 and 9 May 2024.

Farewell Day at BRECW marks the bittersweet transition as we bid adieu to one chapter and embrace the dawn of new beginnings. It's a poignant yet celebratory occasion where memories are cherished, and futures are envisioned.

On Farewell Day, emotions run high as laughter mingles with tears, reminiscing about cherished moments and shared experiences. It's a time to express gratitude, to acknowledge the journey we've traveled together, and to wish each other well on our individual paths.

As the sun sets on Farewell Day at BRECW, we carry with us not just memories but the invaluable lessons learned and friendships forged. It's a testament to the bonds we've formed and the resilience we carry forward into the next chapter of our lives.



Highlights from Farewell Day Performances"

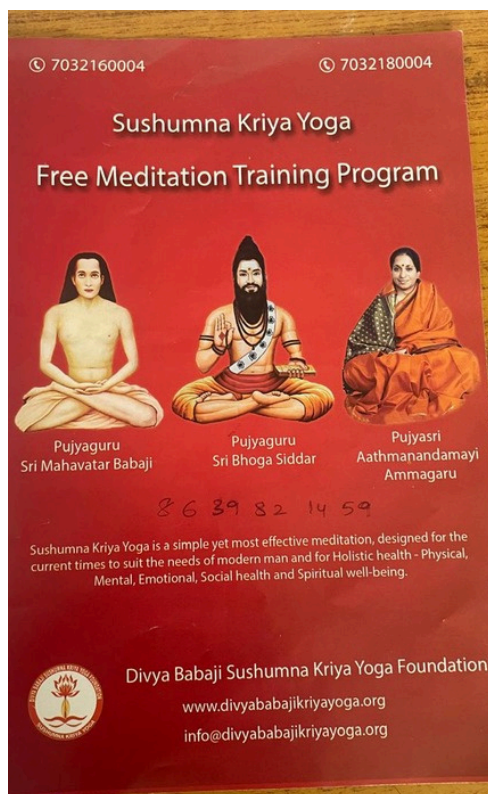
As the curtains close on Farewell Day at BRECW, let's embrace the future with gratitude for the past, carrying cherished memories and lasting friendships into the journey ahead.

“Her Journey Continues: Celebrating Strength, Friendship, and New Beginnings”

Meditation Program

BRECW has organized "Meditation Program by Divya Babaji Sushumna Kriya Yoga Foundation" for II BTech students on 14 June 2024.

This program provided an opportunity for students to learn techniques for relaxation, stress reduction, and mental clarity through guided meditation sessions conducted by instructors from the foundation.



Embracing Serenity: Staff and Students Unite in Meditation at BRECW

Participants likely engaged in practical sessions designed to enhance their focus, inner peace, and overall well-being. The program may have included teachings on breathing exercises, mindfulness practices, and the benefits of regular meditation for academic and personal growth.

Such initiatives at BRECW underscore the institution's commitment to holistic education, promoting not only academic excellence but also the mental and emotional well-being of its students. The meditation program aimed to equip students with valuable tools to manage stress, improve concentration, and cultivate a balanced lifestyle amidst their academic pursuits.

Participants in the meditation program at BRECW experienced a transformative journey towards greater mindfulness and resilience, empowering them to navigate challenges with clarity and composure.

“Her Journey Continues: Celebrating Strength, Friendship, and New Beginnings”