



# Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)  
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in



## Report on JIJNASA-2024

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08 April 2024

A National-Level Technical Event, JIJNASA-2024, was conducted on 1<sup>st</sup> and 2<sup>nd</sup> April 2024, organized under the CSI, IEEE and ISTE student chapters. The inaugural session started at 10:00 Hrs 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.

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**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
<b>Inno Talks</b> • Artificial Intelligence & Machine Learning • Dev-Ops & Agile Practices • Quantum Computing <b>Innov8Tech</b> • Edge Computing • Augmented Reality & Virtual Reality • Cybersecurity Solutions <b>Mind Maze</b> • Puzzl0k (Level 1) • HackDeal (Level 2)	<b>Blind Coding</b> • Basic C programs • IoT, AI/ML, Network Security • Real world problems using Java/Python <b>Poster Presentation</b> • Block Chain, AI & ML, IoT • Cyber Security, Cloud Computing • Web Development, Software Engineering • Data Science & Big Data <b>Mobi Game Expo</b> • Mobile E-Sports • Virtual Reality • Multi-player games	<b>TechTalk</b> • Signal Processing, Communications • VLSI, IoT • Embedded Systems, Robotics <b>VisionVoyage</b> • Animatronic • Augmented Reality • Autonomic Computing Biochips • Digital Jewellery & E-Waste <b>ElectronicEnsemble</b> • Embedded Systems • IoT • Robotics Electronics
		<b>Paper Presentation</b> • IoT applications in Electrical Engineering • Electric Vehicles Technology • Advanced Power Electronics & Control Systems <b>Poster Presentation</b> • Any Electrical Engineering Areas <b>Working Models</b> • Any hardware based innovative ideas in Electrical Engineering

**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](http://www.brecw.ac.in)

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

**Kit and Lunch will be provided for the Participants**

**SCAN ME FOR REGISTRATION**

Figure 1: JIJNASA Banner

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 explained the importance of the technical event and provided valuable suggestions for achieving success in their fields of interest.



Figure 2: Fanzine release during Inauguration

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. The inauguration was completed at 10:55 Hrs.

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.

The following are Department-wise Events Conducted during the event.

EEE (Electrical and Electronics Engineering)

S. No Event

1. Paper Presentation
2. Guest Lecture (Overview of Electricity Sector & Transmission Policies & Development)

Overall, JIJNASA-2024 offered a comprehensive platform for students to display their engineering expertise and gain valuable insights from industry experts.

## Report of JIJNASA-2024(EEE Department of EEE)

For Jijnasa 2024, Ms. R. Manju Bharghavai, Associate Professor, is the overall event convenor, and Ms. K. Uma Rani, Assistant Professor, is the department coordinator.

As part of the national-level technical event JIJNASA-2024, the EEE department organized various events including paper presentations, poster presentations, working models, and guest lectures. For this event, participants from different colleges of UG and PG across the nation participated.

The EEE department received a total of **135** registrations from different colleges.

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**WIN CASH PRIZES**

**JIJNASA - 2024**  
 A National Level Technical Event

**1st and 2nd April 2024**  
 North Block, Ground Floor

**Department of Electrical and Electronics Engineering**

**Paper Presentation**  
 IOT applications in Electrical Engineering  
 Electric Vehicles Technology  
 Advanced Power Electronics & Control system

**Poster Presentation**  
 Emerging topics in the field of Electrical Engineering

**Working Models**  
 Innovative ideas in the domain of Electrical Engineering

**SCAN TO REGISTER**

**Registration Fee : Rs 100 /- (IETE, ISTE, IEEE, CSI Member :Rs 75 /-)**

**Guidelines:-**  
 1) Registrations will be closed by 25 March 2024  
 2) Every team member should register for the event individually  
 3) Registrations must be done event wise

**Kit and lunch will be provided for the participants**

**Principal :** Dr. J. Madhavan  
**Vice Principal :** Mr. G. Dayakar Reddy  
**HOD (EEE) :** Ms. S. Deepthi  
**Coordinator :** Ms. R. Manju Bharghavi  
**Dept. Coordinator :** Ms. K. Uma Rani

**Faculty Coordinators**  
 Paper Presentation: Ms. S. Swathi & Ms. J. Ashwini Kumari  
 Poster Presentation: Ms. S. Mayuri & Ms. Ch. Shrivani  
 Working Models: Dr. S. Anitha Kiranmai, Ms. B. Dhansheepika & Ms. J. Indu

**Student Coordinators**  
 R. Meghana (IV EEE) - Paper Presentation  
 G. Bhavya (III EEE) - Paper Presentation  
 A. S. Hema (IV EEE) - Poster Presentation  
 A. Sahithi (III EEE) - Poster Presentation  
 Vidya (IV EEE) - Working Model  
 Sanu Aksham (III EEE) - Working Model

[www.brecw.ac.in](http://www.brecw.ac.in) | [jjinasabrecw24@gmail.com](mailto:jjinasabrecw24@gmail.com) | [jijnasa2024](https://www.instagram.com/jijnasa2024)

EEE Poster



Distributions of Kits to the Participants at Registrations

Out of all the registrations, we received **51 for paper presentations**(26 teams )37 from BRECW, 2 from BVRIT, 8 from Methodist, 1 from Parul, and 3 from TKR .Acorging the following topics IOT applications in Electrical Engineering,Electric vehicles Technology Advanced Power Electronics&Control system Artificial intelligence &Machine learning and careful evaluation, we selected 22 batches for paper presentations, while the remaining batches were converted to poster presentations.

The **paper presentation** event organized under IEEE took place at NBG07 on April 1st, 2024, from 11:00 to 13:00 and 14:00 to 16:00. We were privileged to welcome Dr. Chava Sunil Kumar, Vice Principal & Professor of the Department of EEE at BVRIT College, Hyderabad, as the external judge. Our internal judge was S. Swathi, and the event was coordinated by Ms S Swathi ,Ms J Ashwini Kumari, with EEE HOD Ms S. Deepti overseeing. All participants were actively engaged throughout the session, providing valuable feedback. After careful deliberation, the judges selected the top three papers as winners of the 1st, 2nd, and 3rd prizes.

On behalf of JIJNASA-2024, the EEE department organized a guest lecture on the topic of "General Overview of Electricity Sector & Transmission System Policies of Power Systems at State & National Level" at NBG07. Initially, it was planned to be held in the Seminar Hall, but due to a power issue, we organized it at NBG07 instead.



Art by EEE Students

#### Committee details

S.No	Faculty coordinators	Student Coordinators	Name of the event
1	Ms S Swathi	Ms Meghana Ph: 9346301242	Paper Presentation
2	J Ashwini Kumari	Ms G Bhavya Ph: 8309296179 M Sai Geetha Ph:7601037571	
5	K Umarani	Ms Sreeja Ph:9490460720 Ms B Pranitha Ph:9010683851 Ms M Smirti	

- Ms.R.Manju Bharghavai, Associate Professor,is the JIJNASA-2024 convenor.
- Ms. K. Uma Rani, Assistant Professor, is the department coordinator.
- Ms A S Hema IV-EEE and M Smirti are the overall department student coordinators.

## Report on Paper Presentation

**Faculty Coordinators:** Ms S Swathi, Ms J Ashwini Kumari

**Student coordinator:** Ms Meghana , Ms G Bhavya, M Sai Geetha

**External Judge :** Dr.Chava Sunil Kumar, Vice Principal & Professor Department of EEE,BVRIT College, Hyderabad.

**Date of Event:** 1<sup>st</sup> April 2024

**Venue :** NB G12

Topics:

- IOT applications in Electrical Engineering
- Electric vehicles Technology
- Advanced Power Electronics &Control system Artificial intelligence &Machine learning

The forenoon session started with paper presentations in specified topics at NBG12 from 11.00 to 12.30 and 14:00 to 16:00 on April 1<sup>st</sup>, 2024. Participants presented their ideas within the given time. The presentation in the form Microsoft power point. For Paper presentation 10 minutes duration was allotted to each paper (8 minutes for oral presentation and 2 minutes for queries).



During the paper presentation event Judges and Coordinators

Total number of teams registered: 21

Number of teams participated:19

Internal participation: 12

External participation:7



During paper presentations event participants



Participation certificates by External Judge

**Winners:**

SNo	Prize	Roll no	Year	Name of the Winner	College
1	I	21321A0224	III	G Sagarika	BRECW
		22325A0206	III	S Pooja	
2	II	21R95A0253	III	M Ram Vikas	TKR
3	III	160722734012	II	P Anusha	Methodist College of

		160722734306		Karishma Naaz	Engineering & Technology
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1<sup>st</sup> Prize winner Sagarika and S Pooja in Paper Presentations, BRECW



2<sup>nd</sup> Prize winner M Ram Vikas, TKR



3<sup>rd</sup> prize winners Anusha and Karishma Naaz,MCET