



# Bhoj Reddy Engineering College for Women



(Sponsored by Sangam Laxmibai Vidyapeet, Accredited by NAAC with A Grade, Approved by AICTE and Affiliated to JNTUH)  
Recognised by UGC under section 2(f) of the UGC Act, 1956.  
Vinaynagar, IS Sadan Crossroads, Saldabad, Hyderabad – 500 059, Telangana. [www.brecw.ac.in](http://www.brecw.ac.in)

## Department of Electrical and Electronics Engineering A National Level Technical Event 6th & 7th March 2025

### Report on JIJNASA-2025

File No: BRECW/EEE/AY24-25-JIJNASA

17 March 2025

**JIJNASA-2025**, a two-day national-level technical event, was successfully conducted on **March 6th and 7th, 2025**, at **Bhoj Reddy Engineering College for Women**, the host institution. Organized under the **CSI, IEEE, IETE, IEI, and ISTE** student chapters, the event provided a platform for students to showcase their **technical expertise and innovative ideas**. With an overwhelming response, a total of **622 students** registered for various events, including **106 participants (CSE-21, ECE-30, EEE-26, and IT-29)** from other colleges, making the event a grand success.

Apart from the host college, **24 institutions from Telangana** participated in JIJNASA-2025. These included leading engineering colleges such as **Sri Indu College of Engineering and Technology, Vignan Institute of Technology and Science, Geethanjali College of Engineering and Technology, Sree Dattha Institute of Engineering and Science, St. Peters Engineering College, and Teegala Krishna Reddy Engineering College**. Additionally, prominent institutions such as **CVR College of Engineering, Sreenidhi Institute of Science and Technology, Anurag University, Lords Institute of Engineering and Technology, and Stanley College of Engineering and Technology for Women** contributed to the event. Colleges from Warangal, including **Vaagdevi College of Engineering and Talla Padmavathi College of Engineering**, also actively participated, highlighting the event's widespread reach within Telangana.

Beyond Telangana, **seven institutions from other states** took part in the event, representing **Tamil Nadu, Andhra Pradesh, and Rajasthan**. Tamil Nadu contributed three institutions—**SRM Institute of Science and Technology, SSN Sri Sivasubramaniya Nadar College of Engineering, and Amrita Vishwa Vidyapeetham**,

Coimbatore. Andhra Pradesh was represented by VR Siddhartha Engineering College, Siddhartha Institute of Technology and Science, and Sree Venkateshwara Commerce Degree College, while Rajasthan had one participating institution, the College of Technology and Engineering, Udaipur.

In summary, JIJNASA-2025 witnessed participation from 25 colleges in Telangana (including the host) and 7 from outside the state, emphasizing its national significance. The state-wise distribution of institutions outside Telangana included Tamil Nadu (3), Andhra Pradesh (3), and Rajasthan (1). The event successfully fostered technical learning, collaboration, and innovation among students from prestigious engineering and technology institutions across India.

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**JIJNASA-2025**  
 A Two Day National Level Technical Event  
 6 & 7 March 2025

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

**Exciting Cash Prizes**  
**Food Carnival**

**Guidelines:**

- Registrations must be done online on or before 02 March 2025
- Every individual member of a team should register for the event
- The event is open for all branches of UG / PG students
- Kit will be provided to Participants

For further queries, please visit: [www.brecw.ac.in](http://www.brecw.ac.in)  
 Contact us :  
 Mail: [jijsasabrecw25@gmail.com](mailto:jijsasabrecw25@gmail.com) Mobile: 8019738475 / 9480571975  
 Instagram: [brecw\\_hyderabad](https://www.instagram.com/brecw_hyderabad)

**Timings**  
 09:30 Hrs to 16:30 Hrs

**SCAN ME FOR REGISTRATION**

**Sponsored by**

**Organizing Committee:**  
 HOD CSE: Dr. B. Ravendra Prasad Singh  
 HOD CSM: Dr. M. Sushu Dhasani  
 HOD ECE: Ms. S. Manjula  
 HOD EEE: Ms. S. Deepthi  
 HOD IT: Dr. C. Murugamani

**Department Coordinators:**  
 Dr. P. Surabhatra (CSE)  
 Ms. J. Lakshmi Mary (ECE)  
 Ms. B. Dhana Deepthi (EEE)  
 Ms. S. Hema Priya (IT)

**Student Coordinators:**  
 Ms. B. Rishuika (CSE)  
 Ms. V. Harika (ECE)  
 Ms. T. Anu Jaya Shree (IT/CSM)  
 Ms. B. Sindhu (EEE)  
 Ms. K. Bhuvanika (ECE)  
 Ms. V. Harika (IT/EEE)  
 Ms. M. Sa. Geetha (IT/EEE)  
 Ms. Q. Preethi Shree (IT/IT)  
 Ms. C. Neelapriya (IT)

Figure 1: JIJNASA-2025 Banner

The inaugural session took place on March 6, 2025, at 10:00 AM, marking the commencement of this prestigious event. The event was inaugurated in the esteemed presence of Dr. Sudha Vepa, Secretary, SLV; Dr. Ch. Sujatha Gangadhar, Chief Operating Officer, SLV; Dr. Gracy Saila Sree, Director-HR & Academics, SLV; Dr. J. Madhavan, Principal, BRECW; Mr. G. Dayakar Reddy, Vice Principal, BRECW; Conveners Dr. P. Deepthi; Ms. R. Manju Bhargavi; Co-Conveners Ms G Jyothi, Ms Kazi Nikhat Parvin M;

Heads of Departments (HODs), Heads of Faculties (HOFs), and Principals of SLV Institutes; faculty members; and students from BRECW and other participating institutions.

The session began with an invocation song, followed by a brief introduction to Sangam Laxmibai Vidyapeeth by **Dr. Sudha Vepa, Secretary, SLV**, who highlighted the institution's vision and unwavering commitment to education. Next, **Dr. Ch. Sujatha Gangadhar, Chief Operating Officer, SLV**, emphasized the importance of technical events. Following this, **Dr. J. Madhavan, Principal, BRECW**, addressed the gathering, stressing the significance of tech fests in fostering innovation and technical excellence. He also shared valuable insights and suggestions to inspire the students..



**Figure 2: During Inauguration while Fanzine revealing**

**Prof. Sriram Venkatesh, Secretary of TGCHE**, graced the occasion as the Chief Guest. He praised Bhoj Reddy Engineering College for its unwavering commitment to women's empowerment and quality education, emphasizing its non-commercial approach. He also acknowledged the institution's best practices in Category B admissions, recognizing it as a leading center for learning.

**Prof. R. Sridevi, Director of the Directorate of Entrepreneurship, Innovation, and Start-ups at JNTUH**, attended as the Guest of Honour. She encouraged students to

embrace learning with enthusiasm and joy, stressing the importance of entrepreneurship. She urged them not just to seek jobs but to aspire to become job creators.

The Food Plaza for all I, II, III & IV B Tech students took place on 6 March 2025, from 12:00 hrs to 14:00 hrs. This event was organized by Event Committee, Bhoj Reddy Engineering college for Women. This was held at two-Wheeler Parking within the college premises.



**Figure 3: During valedictory**

At the Valedictory ceremony on 7<sup>th</sup> March, 2025, the Chief Guest, Professor **A. Jaya Lakshmi, Director of UGC Affairs, JNTUH**, emphasized the importance of self-control and self-discipline in achieving ambitious goals. She highlighted their crucial role in planning, goal-setting, and accomplishment and commended the students for their active participation in JIJNASA.

Addressing the gathering, **Dr. Gracy Saila Sree, Director-HR & Academics, SLV**, spoke about the significant transformations in the ongoing technological revolution, encouraging students to embrace change and innovation.

The event was graced by Dr. V. Sudha (Secretary), Dr. Ch. Sujatha Gangadhar(COO), Dr. J. Madhavan (Principal), Shri G. Dayakar Reddy (Vice Principal), Dr. P. Deepthi (Convener), and Smt. R. Manju Bhargavi(Covener), along with faculty members and students. Their dedication and commitment ensured the seamless execution of an event that truly embodied the spirit of technological advancement and knowledge-sharing.

Different events were conducted in all the departments. With the announcement of winners and the distribution of volunteer and participation certificates were given.



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## Events organized in EEE Department

As part of the national-level technical event JIJNASA-2025, the EEE department organized Knowledge Symposium (paper presentations), Visual Showcase (poster presentations) and Project Expo (working models). For these events, participants from different colleges of UG and PG across the nation participated. Ms. B Dhanadeepika, Assistant Professor, is the Overall department coordinator.

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**JIJNASA - 2025**  
A National Level Technical Event

**Department of Electrical and Electronics Engineering**

**6th and 7th March 2023**  
North Block, Ground Floor

**WIN CASH PRIZES**

**Knowledge Symposium (Paper Presentation)**  
AI applications in Electrical Engineering  
Electric Vehicles and Green Energy Technologies  
Advancements in Power Systems, Power Electronics & Control systems

**Visual Showcase (Poster Presentation)**  
Emerging topics in the field of Electrical Engineering

**Project Expo (Working Model)**  
Innovative ideas in the domain of Electrical Engineering

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

**SCAN TO REGISTER**

**Guidelines:-**  
1) Registrations will be closed by 2nd March 2023  
2) Every team member should register for the event individually  
3) Registrations must be done event wise  
**Kit will be provided for the participants**

**Faculty Coordinators:**  
Dr. S. Asha Kiranmai, Mrs. S. Swathi, Mrs. S. Mayuri, Mrs. J. Ashwini Kumari, Mrs. K. Uma Rani, Mrs. Ch. Shrawani, Mrs. Ch. Prasanna Lakshmi

**Student Coordinators:**  
Ms. K. Sneha - III EEE, Ms. M. Sai Preetha - II EEE, Ms. P. Sushma - III EEE, Ms. V. Vaishnavi - II EEE, Ms. T. Vandana - II EEE, Ms. N. Chinmayee - II EEE

Principal - Dr. J. Madhavan  
Vice Principal - Mr. G. Dayakar Reddy  
HOD - Mrs. S. Deepthi  
Convener - Mrs. R. Manju Bhargavi  
Dept. Coordinator - Mrs. B. Dhanadeepika

[www.brecw.ac.in](http://www.brecw.ac.in) | [jijsabrecw25@gmail.com](mailto:jijsabrecw25@gmail.com) | [brecw\\_hyderabad](https://www.instagram.com/brecw_hyderabad)

Figure 4 : EEE Banner



Figure 5: Distributions of Kits to the Participants at Registrations

The EEE department received a total of **157** registrations from different colleges.

Out of all the registrations, we received **33 for paper presentations**(20 teams )26 from BRECW, St. Peter's Engineering College, A A R Mahaveer Engineering College, Mahaveer Institute of Science & Technology, and Sree Dattha Institute of Engineering and Science.

The **paper presentation** event took place at NBG12 on March 6th, 2025, from 11:00 to 13:00 and 14:00 to 16:00. We were privileged to welcome Dr. K Ashok Kumar, Associate Professor of the Department of ECE Department, BRECW, Hyderabad, as the external judge. Our internal judge was Ms. S. Mayuri, and the event was coordinated by Ms. K Uma Rani 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.

Out of all the registrations, we received **44 for Poster presentations**, forming 22 teams from BRECW, Geethanjali College Of Engineering &Technology, and Sree Datta Institute OF Engineering &Technology. In total, we had 22 poster presentation teams. The poster presentations covered various areas of electrical engineering.

The **Poster presentation** event was organized at NBG04&G05 on March 6th, 2025, from 11:00 to 16:00. We were honored to have Ms. S Manjula, Associate Professor, ECE Department, BRECW, as the external judge. Internally, S. Swathi served as the internal judge, while the event was skillfully coordinated by Ch.PrasannaLakshmi. Throughout the session, all participants actively contributed, providing valuable feedback. Following thorough consideration, the judges identified the top three papers, announcing them as the winners of the 1st, 2nd, and 3rd prizes.

Out of all the registrations, we received **80 for Project Expo**, forming 26 teams. Among these, 13 were from BRECW, 7 from Geethanjali College of Engineering &Technology, 1 from Methodist college of Engineering & Technology and 3 from Sree Datta Institute of Engineering &Technology 1 from VVIT and 1 from SIIT. In total, we had 26 teams.

The poster presentations covered various areas of electrical engineering.

The **Working Models** event was organized at NB G11 on March 7th 2025, from 10:00 to 13:00. We were honored to have Kazi Nikhat Parvin M, Associate Professor, ECE Department, BRECW, as the external judge. Internally, Dr. S Asha Kiranmai served as the

judge, while the event was skillfully coordinated by Ms. J Ashwini Kumari, Ms. Ch.Shravani.

Throughout the session, all participants actively contributed, providing valuable feedback and Each project was showcased through interactive displays, allowing attendees to engage with the models , the judges identified the top three papers, announcing them as the winners of the 1st, 2nd, and 3rd prizes.



**Figure 6: Art by EEE Students**



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## Department of Electrical and Electronics Engineering

### JIJNASA-2025

#### 1. Knowledge Symposium (Paper Presentation)

**Registration fee:** Rs 100/- (For ISTE,IETE,IEEE,CSI members 75/-)

Maximum size of the Batch-2

**First Prize:** Rs 2000/-

**Second Prize:** Rs 1500/-

**Third Prize:** Rs 1000/-

Winners will get Merit Certificate & Participation Certificate

All Participants will receive Participation Certificate

#### 2. Visual Showcase (Poster Presentation)

**Registration fee:** Rs 100/- (For ISTE,IETE,IEEE,CSI members 75/-)

Maximum size of the Batch-2

**First Prize:** Rs 2000/-

**Second Prize:** Rs 1500/-

**Third Prize:** Rs 1000/-

Winners will get Merit Certificate & Participation Certificate

All Participants will receive Participation Certificate

#### 3. Project Expo(Working Models)

**Registration fee :** Rs 100/- (For ISTE,IETE,IEEE,CSI members 75/-)

Maximum size of the Batch-4

**First Prize:** Rs 2000/-

**Second Prize:** Rs 1500/-

**Third Prize:** Rs 1000/-

Winners will get Merit Certificate & Participation Certificate

All Participants will receive Participation Certificate



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## Department of Electrical and Electronics Engineering

### 1. Knowledge Symposium (Paper Presentation)

**Faculty Coordinators:** S Mayuri, K Umarani

**Student coordinator:** K Sri Vinaya Reddy, M Sai Preksha

**External Judge:** Dr K Ashok Kumar, Associate Professor, ECE Department

**Date of Event:** 06 -03-2025

**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 March 6th, 2025. 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).

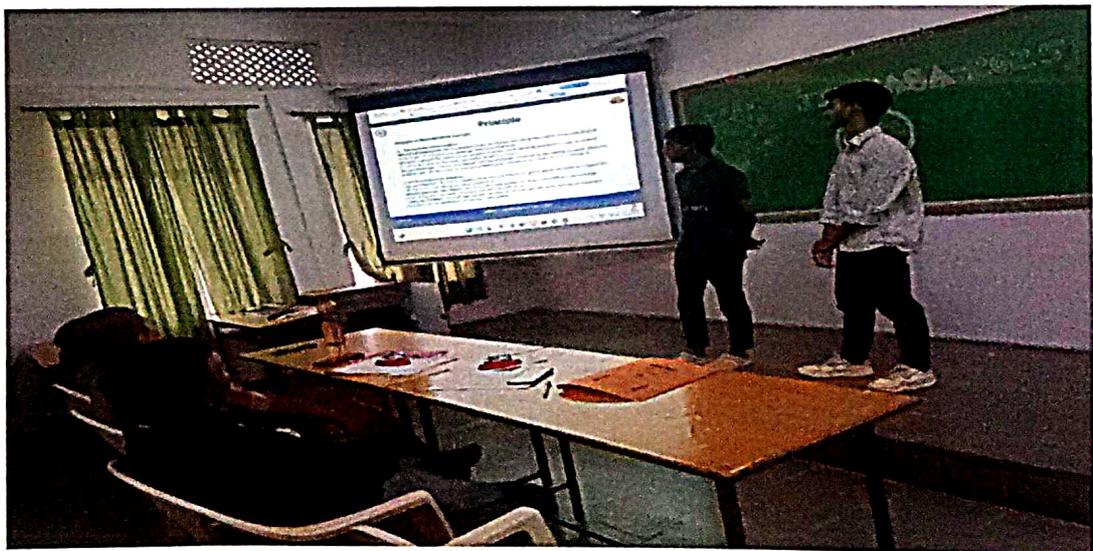


Figure 7: During the paper presentation event Judges and Coordinators

Total number of teams registered: 20  
 Number of teams participated: 20  
 Internal participation: 13  
 External participation: 7

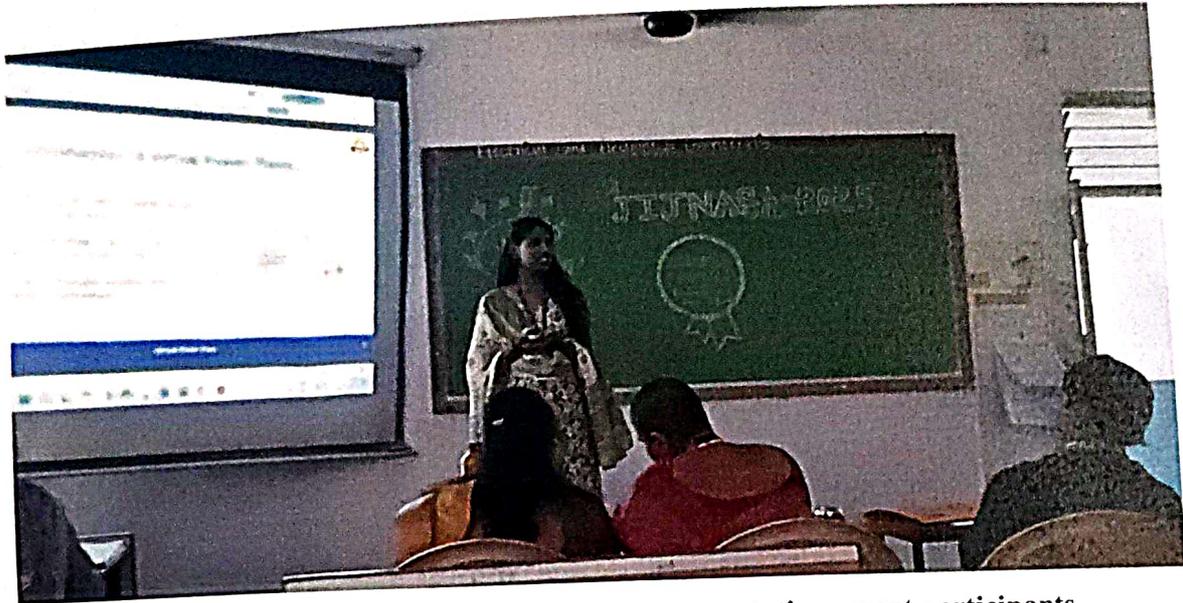


Figure 8: During paper presentations event participants

**Winners:**

S No	Name	Roll No	Year & College Name	Title	Prize
1	Pavani Gottiparthi	21321A0216	IV EEE (BRECW)	Virtual power plant	I
2	Thipparaju Vandana	23325A0220	III EEE ((BRECW)	Green Hydrogen a fuel for clean energy	II
	Kashipeta Lakshanya	23325A0206			
3	Sangamula Deekshit	22BK1A04A5	IV ECE (St. Peter's Engineering College)	Smart Microbial Fuel Gases	III
	Pilli Shashi Kumar	22BK1A0498			

Note: Participation list enclosed



Figure 9: 1<sup>st</sup> Prize winner: G Pavani in Paper Presentations, BRECW



Figure 10: 2<sup>nd</sup> Prize winners: T Vandana and K Lakshanya, BRECW



**Figure 11: 3<sup>rd</sup> prize winners : Sangamula Deekshit, Pilli Shashi Kumar , St. Peter's Engineering College**



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## Department of Electrical and Electronics Engineering

### 2. Poster Presentation

**Faculty Coordinators:** Swathi Sankepally, Ch. Prasanna Lakshmi

**Student Coordinators:** S. Sushma, N. chinmai,

**External Judge:** Ms. S. Manjula

**Date of Event:** 6<sup>th</sup> March 2025

**Venue:** North Block G04&G05 (M&I Lab, Control Systems Lab)

**Topic:** Emerging Topics in the Field of Electrical Engineering

This contest is open for all UG or PG or Diploma Students only. Cross-college teams are allowed. Topics for Poster Presentation are Emerging topics in the field of Electrical Engineering. Maximum two participants are allowed for per team. Poster should be drawn on A3 sized sheet. The total time duration for explanation of poster is 8 min along with Q & A. The description should be of minimum 120 words to maximum 150 words.

The **Poster presentation** event was organized at NBG04&G05 on March 6<sup>th</sup>&7<sup>th</sup> 2025, from 10:30 am to 04:30 pm. We were honored to have Mrs. S. Manjula, Associate Professor & HOD ECE, BRECW Hyderabad as the external judge. Internally, Swathi Sankepally served as the judge, while the event was skillfully coordinated by Swathi Sankepally and Ch. Prasanna Lakshmi. Throughout the session, all participants actively contributed, providing valuable feedback. Following thorough consideration, the judges identified the top three papers, announcing them as the winners of the 1st, 2nd, and 3rd prizes.

Total number of teams registered: 22

Number of teams participated: 20

Internal team participation: 18

External team participation: 2



Figure 12: During the Poster Presentation event

**Winners:**

S No	Prize	Roll no	Year	Name of the Winner	College
1	I	24321A0231	III	Padma Nehru	BRECW
		24321A0201		Chindaliya Aachal	
2	II	24321A0263	III	G.Shivani	BRECW
		24321A02A0		Y.Srivani	
3	III	21321A0232 21321A0225	II	A.Sowmya Sahithi Adepu	BRECW



Figure 13: 1<sup>st</sup> Prize winners: Padma Nehru and Chindaliya Aachal, BRECW

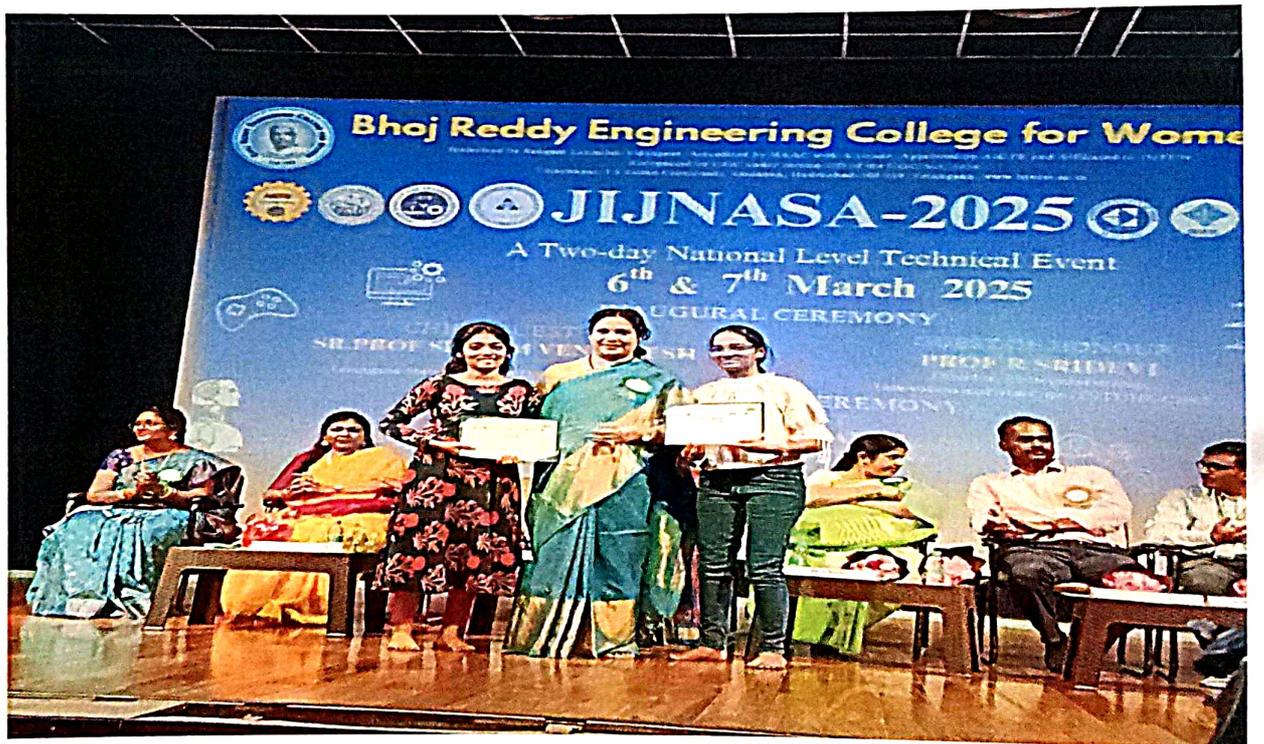


Figure 14: 2<sup>nd</sup> Prize Winners: G.Shivani and Y.Srivani ,BRECW



Figure 15: 3<sup>rd</sup> Prize Winner: A.Sowmya and Sahithi Adepu, BRECW



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## Department of Electrical and Electronics Engineering

### 3. Working Models

**Faculty Coordinators:** Dr S AshaKiranmai, J Ashwini Kumari, Ch Shravani

**Student coordinator:** T Vandana, V Vaishnavi

**External Judge :** Kazi Nikhat Parvin M

**Internal Judge :** Dr S AshaKiranmai

**Date of Event:** 7th March 2025

**Venue :** North block G11(Electrical Machines Lab)

**Topic:** Electrical Engineering.

The event serves as a platform for students, UG or PG or Diploma Students only. Cross-college teams are allowed to showcase their innovations, research projects, and working models in various domains of electrical and electronics engineering. The event covers a wide range of topics within the EEE field, including but not limited to:

- Power Systems and Renewable Energy
- Control Systems and Automation
- Communication Systems and Networking
- Robotics and Automation
- Internet of Things (IoT) and Wearable Technology





Figure 16: During the Poster Presentation event



Figure 17: 1<sup>st</sup> Prize winners : B Tanvika, B Vishali from BRECW



Figure 18: 2<sup>nd</sup> Prize winners : R Sai Prasana, R Achyutha, S Madhu from GCET



Figure 19: 3<sup>rd</sup> Prize winners : K Sowbhagya, P Shivani, G Reshma from BRECW

Total number of teams registered: 80

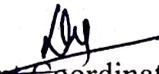
Number of teams participated: 24

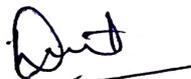
Internal participation: 13

External participation: 11

**Winners:**

SNo	Prize	Roll no	Name of the Winner	College
1	I	20321A0220	G Nandini	Bhoj Reddy Engineering College for Women
		20321A0237	G Sudha	
2	II	16072173426	N Jagadeeswara Reddy	Methodist College of Engineering&Technology
		160721734305	D Elisha	
		160721734313	B Goutham	
		160721734004	K Jaidev	
3	III	22325A0203	A Jyothi	Bhoj Reddy Engineering College for Women
		22325A0207	A Poojitha	
		22325A0208	P Poojitha	
		22325A0210	P Shivani	

  
Department Coordinator-EEE  
Ms B Dhanadeepika

  
HOD-EEE  
Ms S Deepti