



Department of Electronics and Communication Engineering

Date:06.03.2025

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, I S Sadan Crossroads, Saidabad, Hyderabad-500 059, Telangana. www.brecw.ac.in

JIJNANA-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
 Contact us :
 Mail: jijnasa@brecw25@gmail.com Mobile: 8019738476
 Instagram: [brecw_hyderabad](https://www.instagram.com/brecw_hyderabad) 9490571975

Timings
 09:30 Hrs to 16:30 Hrs

SCAN ME FOR REGISTRATION

Event Categories:

- DevSprint (CSE & CSE(AI&ML))**
 - UI Forge (Round-1)
 - Feature Fusion (Round-2)
- ClueChase**
 - Clues will involve solving tasks in C, JAVA, and Python.
- SketchifyCode**
 - Recreate the provided UI design.
 - Technologies Accepted: HTML, CSS, JavaScript, Bootstrap.
- Blind Coding (IT)**
- Poster Presentation**
 - Web Development, Software Engineering
 - Data Science and Big Data
 - Cyber Security, Cloud Computing
 - Block Chain, AI and ML, IoT
- Project Expo**
- Knowledge Symposium (Paper Presentation) (EEE)**
 - AI applications in Electrical Engineering
 - Electrical 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
- Tech Talk (Paper Presentation) (ECE)**
 - Signal Processing, Communications
 - VLSI, IoT / Embedded Systems, Robotics
- Vision Voyage (Poster Presentation)**
 - Artificial Intelligence
 - Augmented Reality
 - Autonomic Computing Blochips
 - Digital Jewellery and E-Waste
- Electronic Ensemble (Working Model)**
 - Embedded Systems
 - IoT / Robotics / Electronics

Organizing Committee:
 Principal: Dr J Machavan
 Vice Principal: Mr C Dayakar Reddy
 JIJNANA Conveners: Dr P Deepthi
 JIJNANA Co-Conveners: Mr R Manju Bhargavi, Mr G Jyothi, Ms Kazi Rishat Parvin M

Department Coordinators:
 Dr P Sumalatha (CSE)
 Ms J Stella Mary (ECE)
 Ms B Dhanasekha (EEE)
 Ms S Ravathi (IT)
 Ms V Purnima Rani (OE)
 Dr Sarith Kumar Singh (CE)

Student Coordinators:
 Ms K Prabhathra (EE CSE)
 Ms V Harika (EE CSE)
 Ms Y Akshaya Soudy (EE CSM)
 Ms B Sindoori (EE ECE)
 Ms K Bhavana (EE ECE)
 Ms V Mahika (EE EEE)
 Ms M Sai Geetha (EE EEE)
 Ms D Pransha Reddy (EE IT)
 Ms G Haripriya (EE IT)

Sponsored by:

Event Name: "TechTalk" (Paper Presentation)

Event Description:

TechTalk is a platform for presenting papers that foster innovative ideas and facilitate knowledge exchange among participants. TechTalk often cover a wide range of technical topics, including Signal Processing, Communications, VLSI, IOT and Embedded Systems, Robotics, and among others. TechTalk encourage knowledge sharing, innovation, collaboration among professionals, students, and enthusiasts, making them an essential part of the tech community.

TechTalk is one of the events conducted in JIJNANA. JIJNANA is a National level Technical Event organized by Bhoj Reddy Engineering College for Women (BRECW). In JIJNANA-2025 TechTalk is hosted by ECE department on 6th and 7th of March 2025. The

event is organized for undergraduate (UG) students of BRECW and other engineering colleges.

TechTalk includes the following domains:

- Signal Processing
- Communications
- VLSI
- IOT and Embedded Systems
- Robotics

The total number of teams registered were 19, which constituted 45 participants. Among the registered teams 13 teams were shortlisted. In the selected teams, 11 teams consisting of 19 members have participated.



JijNASA Theme created by Students and Volunteers Group

Faculty Committee Members:

1. Ms Radhika Rayeekanti (Faculty Coordinator)
2. Dr T Suman (Faculty Co-Coordinator)
3. Ms K Srinidhi Reddy
4. Mr SVMG Phani Kumar C
5. Ms G Ranjitha
6. Ms N Sony
7. Ms R Sandhya Rani

Student Committee Members:

1. C Sri Varsha III-B (Student Coordinator)
2. D Anujna II-A (Student Co-Coordinator)
3. B Meenakshi I-A (Student Co-Coordinator)

Date of the Event: 06 March 2025

Time: 11:00 A.M to 12:30 P.M & 15:00 to 4:30PM

Venue: 108NB

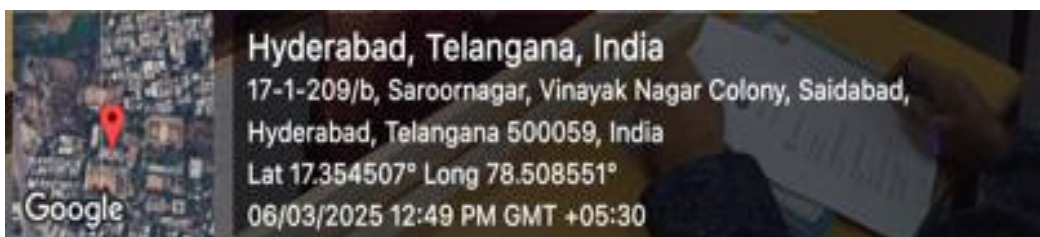
Participation: Students from ECE Department all over India are invited.

Judges of the Event: Dr S Asha Kiranmai, Dr Suman Talla

General Guidelines for TechTalk:

1. The participants are required to send a softcopy of paper to the **email id: techtalkjijnasa2025@gmail.com**
2. The front page of the paper should consist of participant/team member name, Title of the paper, contact number, email id, and College name.
3. The paper should be in IEEE double column format.
4. The abstract and length of the paper should not exceed 250 words exceed 5pages, respectively.
5. Preference will be given to original papers.
6. A team can have maximum of two participants.
7. Selected papers will be intimated to their respective email id.

8. Participants should get the hard copy of the paper, acceptance mail, and fee payment receipt.
9. Participant should be available in the campus by 10:00 AM on 6th March 2025.
10. Participants are responsible for bringing their presentation either on a pen drive or via email.
11. The participants are given 8 minutes to present their paper and 2 minutes for queries
12. Time management should be strictly followed.
13. ID card is compulsory.
14. Violation of any rule can result in disqualification of candidature.
15. Judge decision is final.



Participants receiving kit near the registration counter

TechTalk Registration

All the participants attended Inauguration session held during 10:00 to 11:00 Hrs in Ramdev Indoor Auditorium. TechTalk event was hosted in North Block (NB) Room No-108 from 11:00 A.M to 12:30 P.M & 15:00 to 4:30PM

Out of 19 registrations (consisting of 45 participants), 11 teams (consisting of 19 participants) have presented their papers. Two judges - Dr S Asha Kiranmai, Associate Professor of EEE Dept., and Dr Suman Talla, Assistant Professor of ECE Dept., BRECW evaluated the presentation of 11 teams related to Embedded and IOT, VLSI, Signal Processing, Communications, and among others.



Bhoj Reddy Engineering College for Women

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National Level Student Technical Meet " Jijnasa 2025"

Department of Electronics and Communication Engineering

TECH TALK

Number of Colleges participated : _____

Date: 6th March 2025

S. No	Name of the college	State/District	Event registered on	No of students	Name of the students	Topic	E-mail	Registration fee	payment & Membership	ID S	Signature
1	Bhoj Reddy Engineering College For Women	Hyderabad(Telangana)	TechTalk	2	M.Srivani	The next generation of night vision	Medisrivani8@gmail.com	100	UPI	527072968645	M.Srivani
					N.Ushasri		nushasri23@gmail.com	100	UPI	641050945464	N.Ushasri
2	Bhoj Reddy Engineering College For Women	Hyderabad(Telangana)	TechTalk	1	Pallavi Behuva	Beamforming and massive MIMO:Enabling enhanced connectivity in 5G networks	Pallavibehuva530@gmail.com	100	UPI	290589306589	Pallavi
3	BRECW	Hyderabad(Telangana)	TechTalk	2	Y.Anuhya	Synthetic aperture radar image despeckling based on a deep learning network employing	Anuhayellowar21@gmail.com	100	UPI	970019893143	Y.Anuhya
					K.Bhavana		kondlaBhavana@gmail.com	75	UPI&ETE	657684351011	K.Bhavana

						frequency domain decomposition					
4	Bhoj Reddy Engineering College For Women	Hyderabad(Telangana)	TechTalk	1	Umema sumreen	6G communication and underwater wireless sensor networks:Exploring key features and advancements	Umemac2@gmail.com	100	UPI		
5	Bhoj Reddy Engineering College For Women	Hyderabad(Telangana)	TechTalk	2	D.Anujna	Chip,code,catalyst: unleashing the future of	Anujnadharam2005@gmail.com	100	UPI	456792041716	APC
					U.Anushka	innovation at the intersection of VLSI,semiconductors,and AI.	Anushkaumaji17@gmail.com	100	UPI	978593510192	Anushka
6	Bhoj Reddy Engineering College For Women	Hyderabad(Telangana)	TechTalk	1	V.Nandini	DIGITAL TWINS:the future of AI-driven virtual replicas	vyoganandini@gmail.com	100	UPI		U.Nandini
7	ST.Peters engineering college	Hyderabad(Telangana)	TechTalk	2	T.Veeranjaneya	Design of face recognition home lock using IOT	22BK1A04B9@stpetershyd.com	100	UPI	506120195506	T.Veeranjaneya
					S.Vishal sagar		22BK1A04B3@stpetershyd.com	100	UPI	FMPiB2042250525	S.Vishal
8	ST.Peters engineering college	Hyderabad(Telangana)	TechTalk	2	T.Karthik reddy	Adjustable road divider for dynamic traffic management using IOT	22BK1A04B6@stpetershyd.com	100	UPI	506161384639	T.Karthik
					R.S.S swamy		22BK1A04A2@stpetershyd.com	100	UPI	727778285059	R.S.S swamy
9	Teegala	Hyderabad(Telangana)	TechTalk	3	S.Shashivar	Guardian helmet	sripadashshiv	100	UPI	164996641896	S.Shashivar

the Future

	Krishna reddy engineering college	ngana)			dhan	with smart connectivity	arshan@gmail.com				
					S.Nosma		Nosma.sivala@gmail.com	100	UPI	164996641896	Nosma
					S.Jagadeesh		Jagadeeshnaidu2519@gmail.com	100	UPI	164996641896	
10	Teegala Krishna reddy engineering college	Hyderabad(Telangana)	TechTalk	3	V.Divya	Automatic attendance system	Vaddidivya12@gmail.com	75	UPI & IETE	164996641896	V.Divya
					S.Ambika		Sravanambika2@gmail.com	75	UPI&IETE	164996641896	S.Ambika
					B.Rakesh		Rakeshbussa2020@gmail.com	100	UPI	164996641896	B.Rakesh
11	college of Technology and Engineering	Udaipur (Rajasthan)	TechTalk	1	Aaditi Tamboli	Face Recognition Automatic Door	Aamboldilip715@gmail.com	100	UPI	506012170641	Aaditi Tamboli

Radhika Rayeekanti
Dr.T.Suman
TechTalk Coordinator
And Co-coordinator

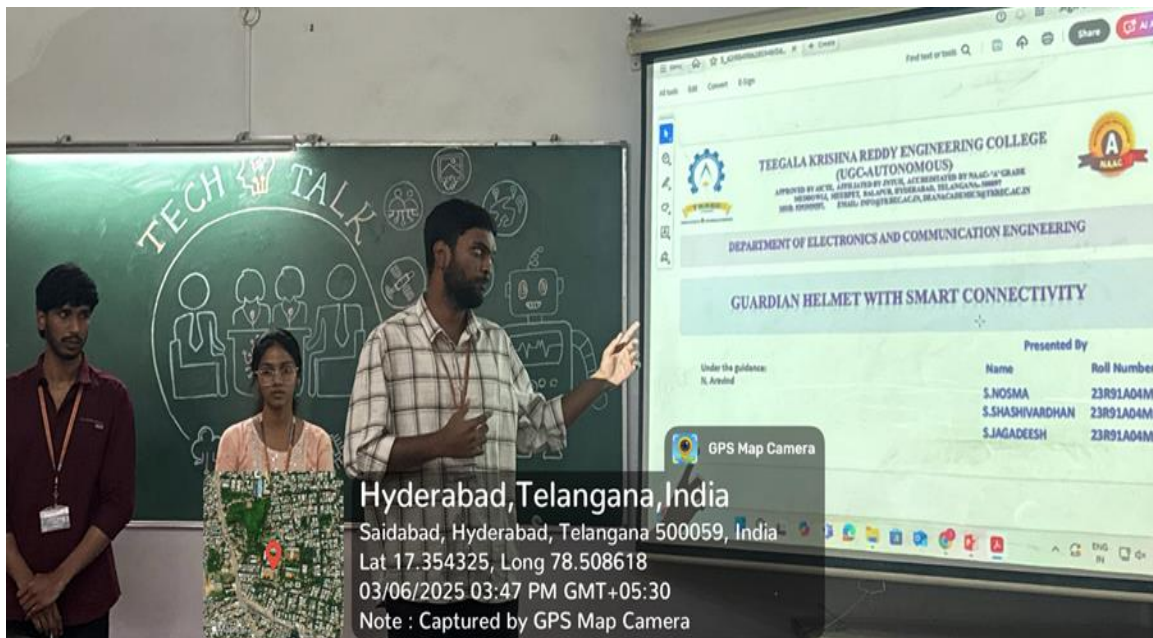
J.Stella Mary
JLNASA Department Coordinator

S.Manjula
HOD-ECE

List of Selected Teams for TechTalk



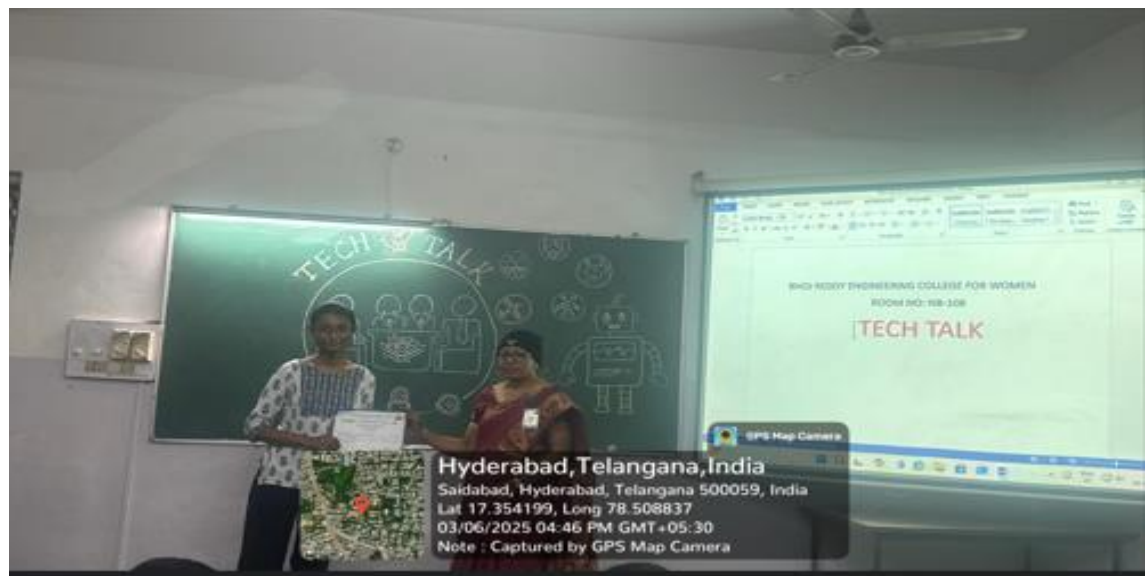
One of the participants presenting her paper



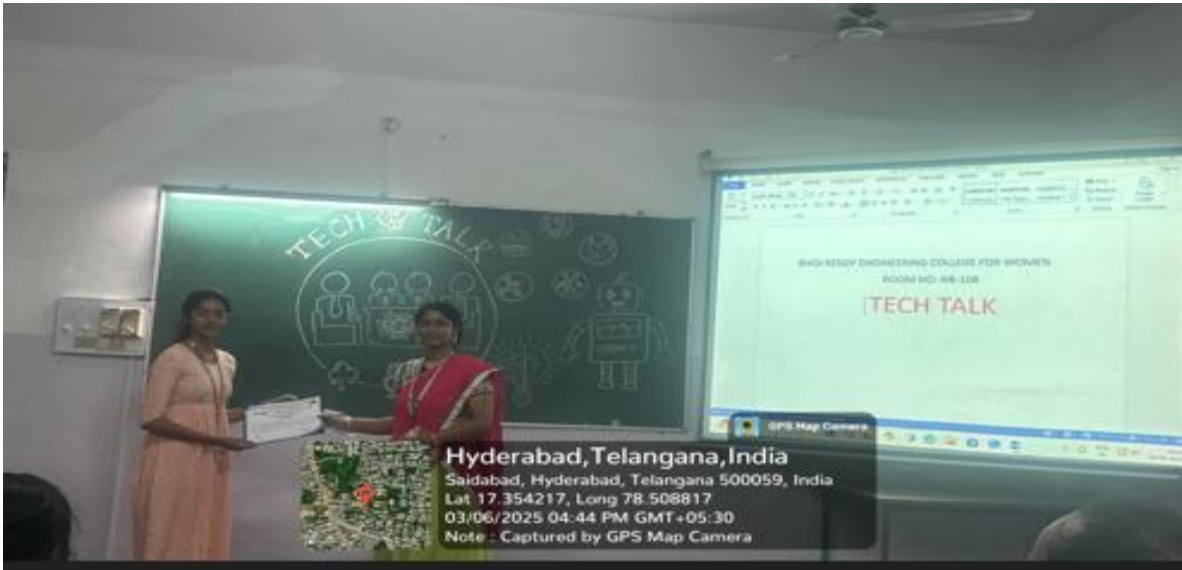
Participants presenting their paper in TechTalk event



Participants presenting their paper in TechTalk event



Participant receiving certificate from TechTalk Co-ordinator



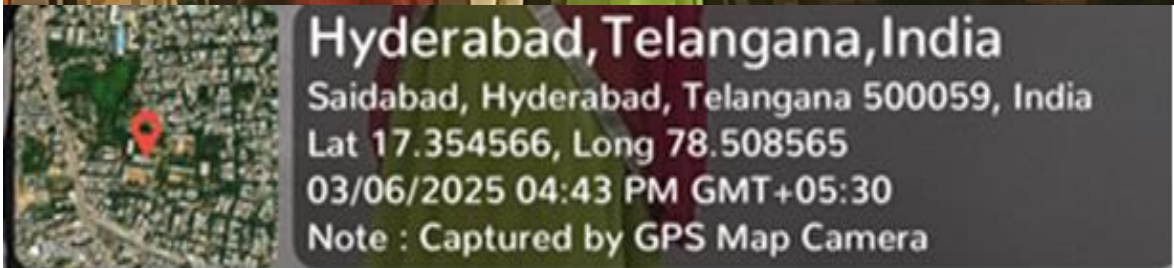
Participant receiving certificate from Judge



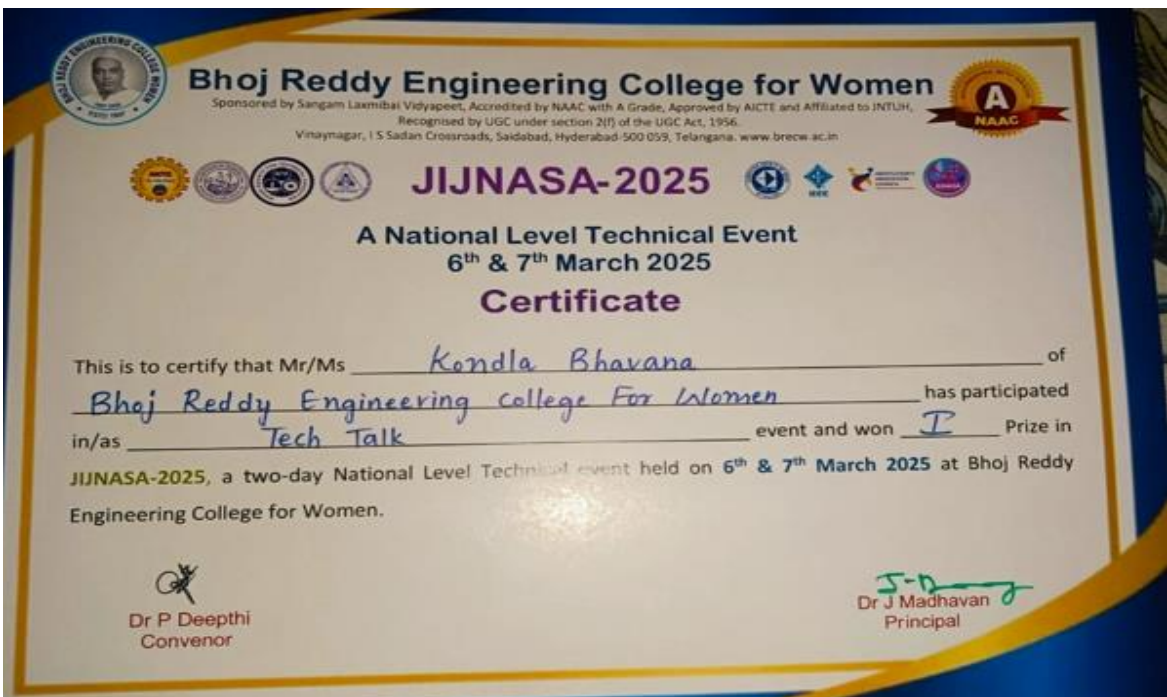
Participant receiving certificate from Jijnasa Coordinator

The event was ended at 16:30 Hrs (06-03-2025), after which few participation certificates were distributed and feedback forms were collected from the participants. Participation certificates were given to all 11 teams who have presented their paper (consisting of 19 participants).

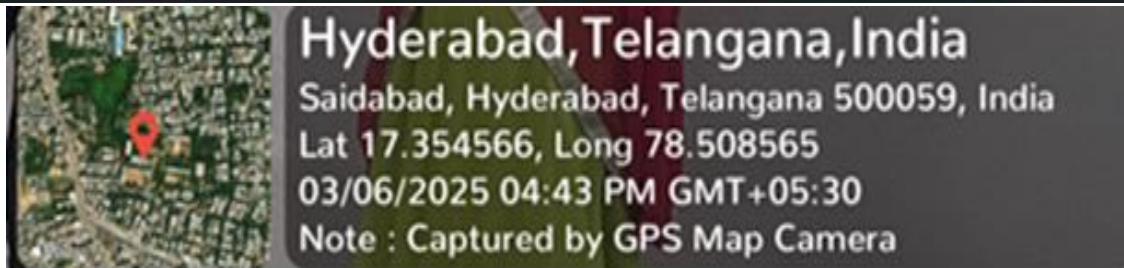
On March 7 2025, the valedictory session was held at Ramdev Auditorium, BRECW. The first, second, and third prize winners of TechTalk were given certificates and Cash Prize.



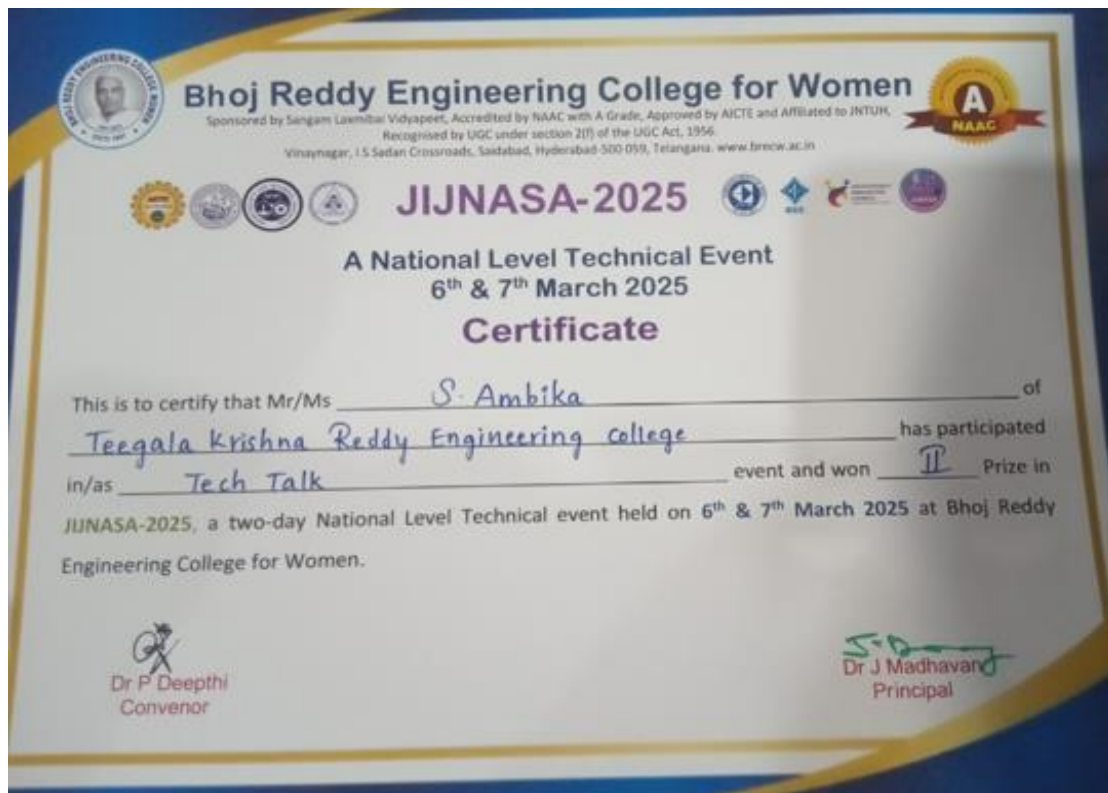
First Prize Winner Team receiving certificates and Cash Prize from Dr Sudha, Secretary of SLV



Certificate of First Prize of the Winner Team



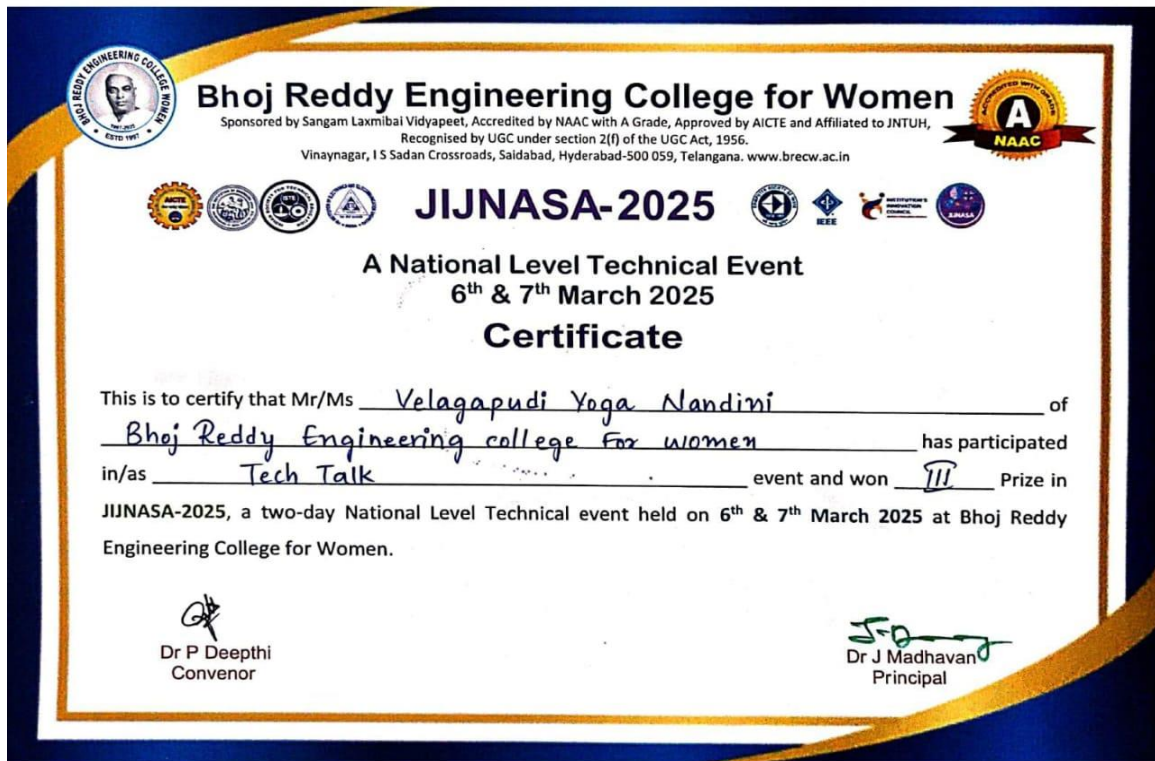
Second Prize Winner Team receiving certificates and Cash Prize from
, Secretary of SLV



Certificate of Second Prize of the Winner Team



Third Prize Winner Team receiving certificates and Cash Prize from
, Secretary of SLV



Certificate of Third Prize of the Winner Team

Session Chair



Dr S Asha Kiranmai is an Associate Professor of EEE Department and Coordinator of Internal Quality Assurance Committee, Bhoj Reddy Engineering College for Women, Hyderabad. She has 16 years of teaching experience. She obtained her B.Tech. in Electrical and Electronics Engineering from Bhoj Reddy Engineering College for Women, Hyderabad, and M.E. in Power Systems from University College of Engineering, Osmania University, Hyderabad. She received Doctorate from University College of Engineering, Osmania University, Hyderabad. Her interested areas are Power Systems, Power Quality, Distribution System, Data Mining and Soft Computing. She is a Life Member of Indian Society of Technical Education (MISTE).

Session Chair



Dr. Suman Talla (IEEE: Member) is an Assistant Professor in the Electronics and Communication Engineering (ECE) Department at Bhoj Reddy Engineering College for Women, Hyderabad. He earned his Ph.D. in Energy Efficiency Improvement in Wireless Sensor Networks from the ECE Department at Visvesvaraya National Institute of Technology (VNIT), Nagpur. He obtained his M.E. degree in Systems and Signal Processing from the ECE Department, University College of engineering Osmania University, Hyderabad. He served as a reviewer for the IEEE Bombay Section Signature Conference 2022 and Paradigm Shifts in Communication, Embedded systems, Machine learning and Signal processing (PCEMS) 2024, a flagship conference of VNIT. His research interests include Wireless Sensor Networks, IoT, IIoT, and Adaptive filters.

In summary entire event went on smoothly. We thank the management and HoD and concluding remarks were made by Principal Dr J Madhavan appreciating the contribution of student and faculty coordinators in making this event a grand success.

Radhika R
Event Coordinator

Dr T Suman
Department - Co-coordinator

S Manjula
HoD-ECE