



# Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet , Accredited by NAAC with A Grade approved by AICTE and affiliated to JNTUH)

Recognized by UGC under section 2(f) of the UGC Act, 1956

Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana, [www.brecw.ac.in](http://www.brecw.ac.in)



# PRAGATHI-2025

## Department of Computer Science and Engineering



January-June 2025

## Newsletter VOLUME 7 | ISSUE-1



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### Vision & Mission

#### **Vision:**

To become a world-class technical center for making women into dynamic Computer Science Engineers of tomorrow.

#### **Mission:**

- To impart high quality professional training in a challenging and safe environment with an emphasis on noble values.
- To encourage women engineers to upgrade their programming, analyzing, and developing skills in building computing algorithms for leading meaningful lives.
- To make learning process exciting and interesting through curricular and co-curricular program with staff moulding them into leaders and entrepreneurs.
- To nurture the students with the required skills to solve technical problems of modern society with courage and confidence.

## IBM Workshop

In partnership with Magic Bus Foundation and IBM Skills Build, a successful two-day workshop on “**AI Fundamentals**” was organized for 2nd B.Tech CSE students from February 5–6, 2025. This workshop offered a comprehensive introduction to Artificial Intelligence, covering essential topics such as Machine Learning, Neural Networks, Natural Language Processing (NLP), and tools. Expert insights were provided by Mr. Sreekanth Karlapati and Mr. Prateek Rao, who delved into AI's real-world applications, ethical considerations.

Students participated in interactive, hands-on sessions, constructing and evaluating AI models with sample datasets, thereby enhancing their practical skills and technical understanding. The workshop was well-received for its engaging content and practical focus, concluding with the distribution of certificates and motivational speeches that inspired students to further pursue opportunities in the evolving field of AI.

Workshop details are as follows:

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

Organizing Two-Day Workshop on  
**“Fundamentals in Artificial Intelligence”**  
 In Collaboration with IBM SkillsBuild and Magic Bus India Foundation  
 Under Internal Quality Assurance Cell

Schedule	
II B Tech CSM and IT	27 & 28 Jan 2025
II B Tech ECE and EEE	31 Jan & 1 Feb 2025
II B Tech CSE	5 & 6 Feb 2025

Venue  
 Seminar Hall-II (WB 402)

No Registration Fee

Instagram (@brecw\_hyderabad)  
[https://www.instagram.com/brecw\\_hyderabad/](https://www.instagram.com/brecw_hyderabad/)  
 #brecw #brecw\_hyderabad #ai #artificialintelligence #skillsbuild #magicbus

Fig : Inaugural Session



Fig : Hands-on Training Session



Fig : Expert Lecture on Artificial Intelligence



Fig : II CSE students with CSE staff and Resource Persons

## Learnathon Workshop

The “**Learnathon 2025**” – Workshop and Hackathon on Artificial Intelligence and Machine Learning” took place on January 29, 2025, for 60 II B.Tech students selected based on merit. Organized with Mr. Sidharth from Co-Ignite, the event aimed to offer hands-on training in AI and ML, preparing participants for a National-Level Hackathon on International Women’s Day.

The workshop included presentations from prominent speakers like Dr. J. Madhavan, Mr. Naveen Kumar Chepuri, and Mr. Vikrant Vijay Shitole, who discussed the importance, latest trends, and career opportunities in AI and ML. Participants were engaged in both theoretical and practical sessions, gaining valuable insights into AI/ML applications and problem-solving strategies. Attendees provided positive feedback, appreciating the practical training and acknowledging the enhancement of their technical skills, which will aid them in future AI and ML innovations.

### Workshop details are as follows:



Fig :Learnathon 2025 Workshop Banner



Fig: Welcome Address by the Principal



Fig : Expert Technical Session



Fig : Workshop Valedictory Session

## Guest Lecture On SAP

The guest lecture on **“Exploring SAP: Unlocking Enterprise Excellence for Future Professionals”** was organized on 25 April 2025 for III year students. The session was delivered by Ms. Usha Rani Achana, Associate Manager at Accenture and an SAP Certified Supply Chain Management Professional, who provided valuable insights into SAP ERP systems and their role in modern enterprises. The lecture covered various SAP modules, SAP S/4HANA, implementation methodologies, and the integration of emerging technologies such as AI/ML, IoT, and cloud computing into enterprise solutions. Real-world applications of SAP in finance, logistics, retail, and supply chain management were also discussed. Students gained awareness about SAP career opportunities, certification pathways, and industry expectations through an interactive and informative session. The program concluded with an engaging Q&A session and was highly appreciated for its practical relevance, professional insights, and contribution towards bridging the gap between academic learning and industry practices.

### Event Details are as follows:

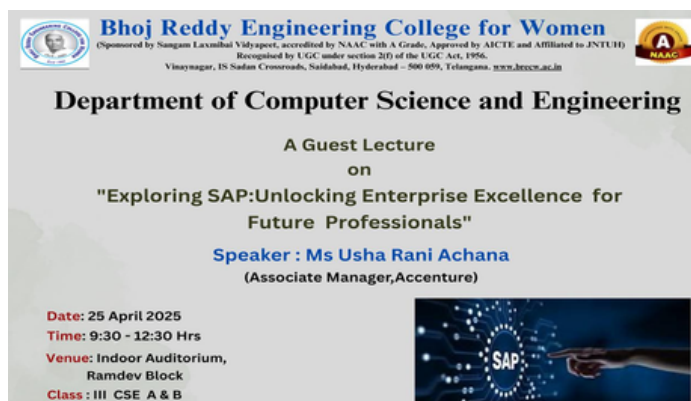


Fig : Banner of the Guest Lecture



Fig : Ms. Usha Rani Achana addressed the gathering



Mr. M. Vinod, HOD-CSE addressed the gathering



Fig : III CSE Students with Ms. Usha Rani Achana

## T-Hub Industrial Visit

The industrial visit to **T-Hub**, Hyderabad's leading innovation and startup incubation hub, occurred on April 24, 2025, for III B.Tech students. This visit aimed to expose students to innovation, entrepreneurship, and emerging technologies. Students gained insights into startup incubation centers and collaborative workspaces. The T-Hub team shared its mission and vision, emphasizing its role in fostering entrepreneurship and supporting tech startups.

Students explored innovation labs and observed technologies like AI, IoT, blockchain, and machine learning. Interactive sessions with entrepreneurs helped them understand real-world business challenges and innovation strategies. Live demonstrations enriched their understanding of turning ideas into market-ready products. The visit highlighted the significance of creativity, collaboration, and continuous learning in entrepreneurship. Students left inspired by the innovative environment and showed interest in technology and entrepreneurship careers.

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**Department of Computer Science and Engineering**  
**Industrial Visit**  
 to  
**"T-Hub, A Premier Innovation Hub"**  
 (Hyderabad)

**For III B.Tech CSE - A & B Students**

**DATE: 24 APRIL 2025**

Fig: Banner of Industry Visit



Fig : III CSE Students and Staff at T-Hub



Fig:CSE Staff at T-Hub



Fig : Feedback taken at T-Hub

## Faculty Development Program

The Faculty Development Program on “**Modern Language Teaching Methodologies with TKT Certification by Cambridge University**” took place from January 6 to 10, 2025, aiming to enhance faculty teaching skills and professional competencies. The program focused on modern language teaching methods, classroom communication, learner correction strategies, collaborative learning, and classroom management. Participants engaged in interactive sessions and practical activities, exploring innovative teaching methods and student engagement strategies. Insights into modern teaching practices and TKT preparation were provided by Mr. Solomon V. Stanley, Founder and Director of Startree Consulting Inc. The program featured micro-teaching, role-play, mock assessments, and discussions on feedback techniques to improve classroom effectiveness. Faculty members actively participated and valued the program's practical orientation, which significantly boosted teaching effectiveness, adaptability, and professional development, underscoring the importance of continuous learning and modern pedagogical practices in higher education.

### Event Details are as follows:



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**Internal Quality Assurance Cell**  
Organizing a

**Five Day**  
**Faculty Development Program**  
on

**“Modern Language Teaching Methodologies  
with Teaching Knowledge Test (TKT)  
Certification by Cambridge University”**

Date: 06-10 January 2025      Time: 09:30 to 16:30Hrs      Venue: Seminar Hall – II (WB 4)

Fig :FDP Program Banner



Fig : Inaugural Session



Fig : Mr.Solomon Addressing the Gathering



Fig :Group Photo with Resource Person

## Farewell Day Celebrations

**Farewell Day 2025** were organized with the objective of creating memorable experiences for outgoing students and celebrating their academic journey. The events were conducted at the Indoor Auditorium, Ramdev Block, and featured a variety of cultural activities including solo singing, solo dance, duet performances, group dances, skits, ramp walks, stand-up comedy, instrumental performances, and interactive entertainment programs. Students enthusiastically participated in the celebrations, showcasing their creativity, confidence, teamwork, and cultural talents through vibrant performances and activities. The farewell events created a joyful and emotional atmosphere as juniors expressed gratitude and best wishes to their seniors through performances, speeches, handmade posters, and memorable interactions. Various competitions and cultural programs encouraged active participation and strengthened the bond among students while promoting coordination and team spirit. Prize distributions and appreciation for outstanding performances added excitement and motivation to the celebrations.

### Event Details are as follows:



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It is our pleasure to invite all to the  
**Farewell day – 2025**

29.04.2025 - CSE(AI&ML) & ECE-C	03.05.2025 - IT-B
30.04.2025 - ECE-B	05.05.2025 - CSE-A
01.05.2025 - ECE-A	06.05.2025 - CSE-B
02.05.2025 - IT-A	07.05.2025 - EEE

Venue : Indoor Auditorium, Ramdev Block

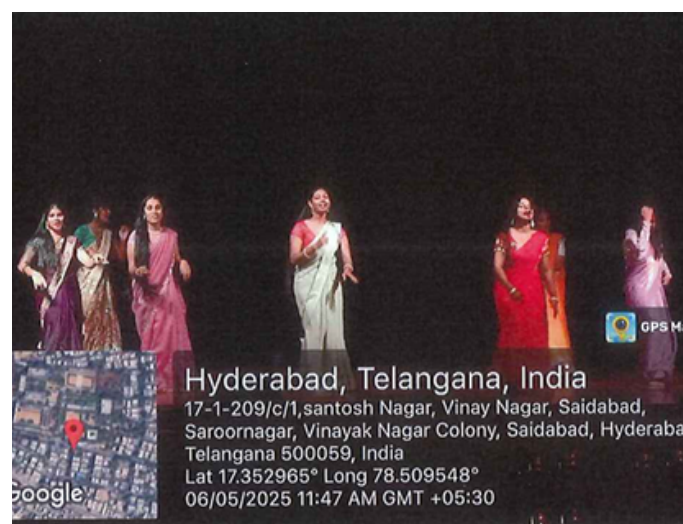


Fig : CSE -A&B Students attended the Farewell Party

## Free Health Camp Program

The NSS Committee organized a **Free Health Checkup Camp** on March 15, 2025, in partnership with M/s Vijaya Diagnostic Center. This initiative aimed to promote health awareness and preventive healthcare among staff. Held in Room 401, West Block, from 10:00 AM to 4:00 PM, it offered services like BMI analysis, blood pressure monitoring, heart rate checks, blood sugar tests, eye exams, and dental checkups. Dr. Gracy Saila Sree, Director of HR Academics, inaugurated the event, attended by Principal Dr. J. Madhavan, Vice Principal Mr. G. Dayakar Reddy, and NSS Coordinator Ms. K. Sandhya. Experienced medical professionals conducted assessments and gave preventive healthcare guidance. About 127 staff members participated, appreciating the initiative's professional execution. The program effectively raised awareness about health monitoring, preventive care, and well-being, fostering community spirit among staff.

### Event Details are as follows:



Inauguration of Health Camp



Fig : Medical Consultation Session

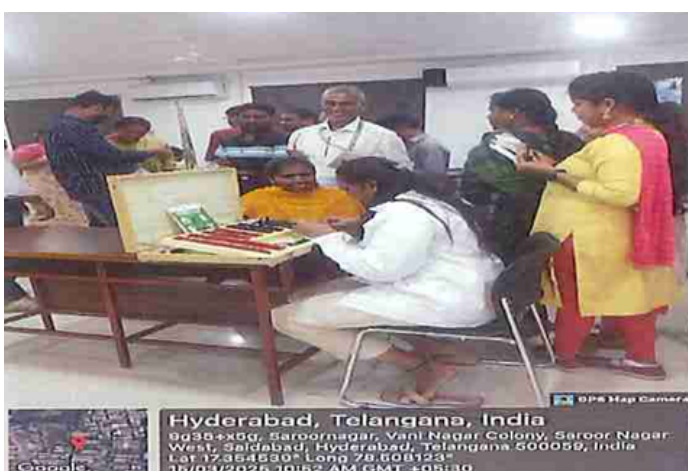


Fig : Diagnostic Assessment Session



## International Yoga Day program

**International Yoga Day** was celebrated on 21 June 2025 at Seminar Hall (401 WB) from 10:30 AM to 11:30 AM. Interested I B Tech students actively participated in the event. The main objective of celebrating Yoga Day is to encourage participants to develop the habit of practicing yoga daily and to educate them on how yoga contributes to physical, mental, and spiritual well-being. The technical session was conducted by Dr. K. Mallikamba, Physical Director. During the session, she demonstrated various yoga postures on the platform while the students followed along. Alongside the demonstrations, she explained the benefits of each posture and the correct methods of performing them. A total of 54 students participated in the yoga session.

### Event Details are as follows:



Fig: International Yoga Day Session



Fig : Students Practicing Yoga



Fig : Demonstration of Yoga Postures



Fig : Interactive Yoga Training Session

## Nutrition Awareness Program

The **Nutrition Awareness Program** for Women was conducted on 18 February 2025 at the Ramdev Indoor Auditorium with the objective of educating women about the importance of balanced nutrition and healthy lifestyle practices. The session was led by Ms. B. Revathy, Consultant Dietitian from Prathima Hospitals, Kachiguda, who provided valuable insights into women's nutritional needs during different stages of life, including adolescence, pregnancy, and menopause. The program focused on the significance of balanced diets, portion control, meal planning, and affordable ways to include essential nutrients in daily food habits. The speaker also highlighted major health concerns related to malnutrition, anaemia, low BMI, and nutritional deficiencies among women in India. An interactive Q&A session enabled participants to seek personalized guidance regarding dietary practices and healthy living. The event witnessed active participation from students, staff, and community members and received highly positive feedback for its informative and practical approach.

**Event Details are as follows:**



Fig : Session led by Ms. B. Revathy



Fig : Participants Attending the Program



Fig : Interactive Expert Presentation

## Haritha Haram Program

The NSS Unit organized a one-day Tree Plantation Program under **Haritha Haram** on 22 February 2025 within the college premises with the objective of promoting environmental awareness and encouraging sustainable practices among students and staff. The program emphasized the importance of trees in maintaining ecological balance, reducing pollution, conserving water resources, and improving overall environmental health. Participants actively contributed by planting saplings, watering the plants, fencing the plantation area, and taking responsibility for nurturing the saplings. Around eighty saplings were planted across the campus, reflecting the collective commitment towards environmental conservation and green initiatives. The event witnessed enthusiastic participation from students and staff members, fostering teamwork, social responsibility, and awareness about the importance of preserving nature. The plantation drive also highlighted the positive impact of green spaces on mental well-being, stress reduction, and community development.

### Event Details are as follows:

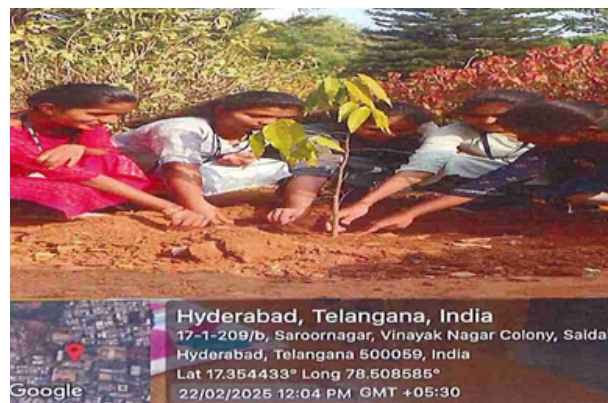


Fig : Students participating in the Haritha Haram

## Youth & IT SDG Walk 2047

The **Youth & IT Sustainable Development Goals Walk 2047** took place on November 1, 2025, at People's Plaza, Necklace Road, as part of the "Rising Telangana 2047" initiative. Inaugurated by Shri Jishnu Dev Varma, Governor of Telangana, the event aimed to raise awareness about the 17 UN Sustainable Development Goals (SDGs). Sixty-six students and two faculty members participated in a 2-kilometer walk, promoting key SDGs like quality education and climate action through banners and placards. The event encouraged youth engagement in sustainability and concluded with a reflection session on individual contributions to global goals. Participants were inspired to think critically about their role in sustainable development, fostering a sense of social responsibility. The event also highlighted the importance of teamwork and collaboration in achieving a better future. Overall, it inspired a commitment to social responsibility and teamwork for a better future, leaving participants motivated to take actionable steps towards these global objectives.

### Event Details are as follows:



Fig : Inauguration of SDG Walk 2047



Fig : Student Participation in SDG Walk



Fig : Group Photograph of Participants

## JIJNASA-2025 Event

**JIJNASA-2025**, a two-day National Level Technical Event organized by the Departments of CSE and CSE (AI&ML) at BRECW on 6-7 March 2025, provided a dynamic platform for students to showcase their technical, creative, and problem-solving abilities through three flagship events: DevSprint, ClueChase, and SketchifyCode. The event witnessed enthusiastic participation from students across various institutions, promoting innovation, teamwork, coding excellence, logical reasoning, and UI/UX development skills. Through coding challenges, treasure-hunt-based problem-solving activities, and web design competitions, participants gained valuable practical exposure and collaborative learning experiences. The successful execution of JIJNASA-2025 fostered technical competency, creativity, and healthy competition while encouraging students to explore emerging technologies and enhance their professional skills.

Event Details are as follows:

Fig : JIJNASA Event Poster



Fig : Photos From Dev Sprint Event

# JIJNASA-2025 Event



Fig : Photos from Clue Chase event



Fig : Photos From Sketchify Code Event



Fig : Price Distrubtion for the winners

## Swachh Bharat Program

The NSS Unit organized a **Swachh Bharat Program** on 12 March 2025 at MH Gupta Girls High School, Vinay Nagar, with the objective of promoting cleanliness, hygiene, and environmental awareness among students and the local community. The program was conducted under the guidance of NSS Coordinator Ms. K. Sandhya, along with NSS committee members and faculty coordinators from various departments. The event emphasized the importance of maintaining cleanliness and creating a healthy and hygienic environment within educational institutions and public spaces. Around 35 student volunteers actively participated in the cleanliness drive and carried out cleaning activities in classrooms, playgrounds, pathways, and surrounding areas of the school premises. The initiative encouraged teamwork, discipline, and social responsibility among the participants while spreading awareness about the significance of the Swachh Bharat Mission.

### Event Details are as follows:



Fig: NSS Volunteers with Banner



Fig : Group Photograph of Participants



Fig : Cleanliness Drive Activity

## Mehndhi Competition

The Mehndi Competition – 2025 was successfully conducted on 21 February 2025 at Bhoj Reddy Engineering College for Women. The event was organized by Ms.Shugufta Nishat, Assistant Professor, Faculty of Management, and was held in classrooms SB G13, G14, and G16 from 10:00 AM to 12:30 PM. Students from all B.Tech years enthusiastically participated and showcased their creativity through beautiful and intricate Mehndi designs. The program was inaugurated by the college management, The Principal, and other dignitaries, whose presence encouraged the participants. Around 90 students from different branches took part in the competition, creating a vibrant and energetic atmosphere on the campus. A panel of judges carefully evaluated the designs based on creativity, neatness, and presentation, and five students were selected as winners. The competition provided students with an opportunity to express their artistic talents beyond academics and also promoted cultural appreciation and teamwork among students and faculty members.

**Competition Details are as follows:**



Fig : Event Announcement Poster

Fig : Competition Inaugural Session



Fig : Participants During Competition

## Guest Lecture on “SDN for Dynamic and Adaptive N/W Security”

The Department of Computer Science and Engineering hosted a guest lecture titled “SDN for Dynamic and Adaptive Network Security” on May 5, 2025, aimed at final-year CSE students. The session was delivered by Mr. Sai Kiran from Eclature Technologies, Hyderabad, who shared valuable insights into contemporary network security challenges, Zero-Trust Architecture (ZTA), and Software Defined Networking (SDN).

The lecture encompassed fundamental concepts, including SDN architecture, the OpenFlow protocol, network segmentation, adaptive security policies, real-time threat detection, and enterprise-level security implementations. Through practical demonstrations and engaging discussions, students developed a deeper understanding of dynamic security mechanisms and emerging cybersecurity practices. The session effectively heightened students’ awareness of advanced network security technologies and fostered interest in careers related to cybersecurity, SDN, and network engineering.

### Outcomes of the Event:

- Enhanced awareness about Zero-Trust Architecture.
- Understanding of SDN architecture and working principles.
- Exposure to dynamic and adaptive network security mechanisms.
- Knowledge of network segmentation and policy enforcement.
- Awareness of enterprise-level SDN deployment practices.
- Improved interest in cybersecurity and network engineering careers



Fig : Address by Mr. Sai Kiran

## Summary

From January to June 2025, the Department of Computer Science and Engineering at Bhoj Reddy Engineering College for Women successfully executed a wide range of activities encompassing academic, technical, industrial, professional, cultural, health, environmental, and community outreach initiatives. Notable programs included the IBM AI Workshop, Learnathon 2025, a guest lecture on SAP, an industrial visit to T-Hub, a Faculty Development Program, the JIJNASA-2025 National Level Technical Event, International Yoga Day, a Nutrition Awareness Program, Haritha Haram, the Swachh Bharat Program, the Youth & IT SDG Walk 2047, a Free Health Camp, and a Mehndi Competition.

These events offered students and faculty invaluable opportunities to enhance their technical skills, gain industry exposure, and develop leadership qualities. They also promoted social responsibility, health awareness, and environmental sustainability, reaffirming the department's commitment to academic excellence and holistic development.



Fig : IBM Workshop on Artificial Intelligence



Fig : Industrial Visit to T-Hub



Fig: Guest Lecture on SAP

Fig: JIJNASA-2025 National Level Technical Event

