

NEURAL NEXUS

2026 Volume 2 Issue 1



NEWSLETTER
JANUARY-JUNE 2026



BHOJ REDDY ENGINEERING COLLEGE FOR WOMEN
Department of Computer Science and Engineering(AI&ML)

CONTACT US :



040-2453-1725/7282



principal@brecw.ac.in



Vinay Nagar, IS Sadan
Crossroads, Saidabad,
Hyderabad 500059,
Telangana.

www.brecw.ac.in

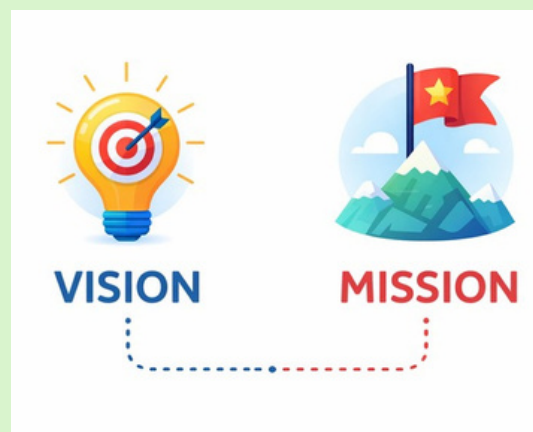


CONTENTS

- VISION AND MISSION
- REPUBLIC DAY
- TECHNOPRENEURSHIP
- GENERATIVE AI WORKSHOP
- TRADITIONAL DAY
- MEHENDI DAY
- POWER BI WORKSHOP
- FAREWELL DAY
- SPORTS DAY
- INDUSTRIAL VISIT TO WE HUB

Vision

To flourish as a “Centre of Excellence” in the field of Artificial Intelligence and Machine Learning by offering required skill set, domain expertise and interactive industry interface for women students to shape them into socially responsible citizens



Mission

Computer Science and Engineering(Artificial Intelligence and Machine Learning), BRECW is committed to:

- Enrich women students with profound knowledge and core values, empowering them to take up assignments in the field of AI & ML.
- Offer a universal learning environment that helps students enhance their personal and professional skills to develop the AI & ML tools necessary to lead a meaningful life.
- Facilitate Industry Academia interface to update the students on current trends in AI & ML.
- Nurture students with application-oriented knowledge to develop analytical thinking for solving technological challenges in the society.

Republic Day

CELEBRATIONS



Republic Day 2026 was celebrated with great pride, patriotism, and enthusiasm in our college on 26th January 2026. The entire campus was beautifully decorated with tricolor flags, balloons, and banners reflecting the spirit of nationalism. The celebration began with the hoisting of the National Flag by our respected Principal, followed by the singing of the National Anthem. Students, faculty members, and staff gathered to pay tribute to the nation and honor the sacrifices of our freedom fighters.

The program included various cultural activities such as patriotic songs, dances, speeches, and skits performed by the participants. These performances highlighted the importance of unity, diversity, and the values of the Indian Constitution. The enthusiasm and talent displayed during the performances made the celebration lively and memorable.

The Principal addressed the gathering and spoke about the significance of Republic Day and the responsibilities of young citizens in building a stronger India. Competitions like essay writing, quiz contests, and poster presentations were organized to encourage active participation and awareness about the nation's history and Constitution. Winners were appreciated with prizes and certificates.

The celebration concluded with a vote of thanks and sweets distribution. The entire event instilled a sense of patriotism and pride among everyone, making the day truly meaningful and unforgettable for all.

“One Nation, One Spirit, One Identity — Jai Hind!”

TECHNOPRENEURSHIP



A five-day Management Development Programme (MDP) on "Technopreneurship for Sustainable Development," funded by the National Institute for Micro, Small and Medium Enterprises under the ESDP Scheme, was successfully concluded at Bhoj Reddy Engineering College for Women, Saidabad, Hyderabad, on Saturday.

The programme was held from March 23 to 28, 2026, the initiative aimed to foster innovation, build entrepreneurial skills, and promote sustainable practices. The valedictory session was attended by dignitaries, faculty, and participants, marking the successful conclusion of the programme.

The event commenced with a formal welcome, followed by reflections on the key insights and outcomes of the initiative. The Secretary, V. Sudha, appreciated the enthusiastic participation of students and underscored the need to cultivate entrepreneurial mindsets to thrive in a rapidly evolving global landscape.

The Chief Operating Officer, Ch. Sujatha Gangadhar, congratulated the participants on their successful completion of the programme and reaffirmed the institution's commitment to nurturing innovation and experiential learning.

The Director, HR & Academics, K. Gracy Saila Sree, emphasised the growing relevance of technopreneurship in addressing sustainability challenges and lauded the continued support of ni-msme in enabling such impactful initiatives.

The Principal, G. Shyama Chandra Prasad, applauded the participants' enthusiasm and encouraged them to transform their knowledge into impactful and sustainable entrepreneurial ventures.

The Vice Principal, G. Dayakar Reddy, expressed sincere gratitude to Ni-MSME for its invaluable support and acknowledged the dedicated efforts of the organising team in making the programme a success.

The Programme Coordinator, Samit Kumar Singh, presented a comprehensive report highlighting the diverse sessions, hands-on workshops, and expert interactions that enriched the programme. He also commended the participants for their active engagement.

The valedictory session concluded with a heartfelt vote of thanks, expressing sincere gratitude to the participants, distinguished speakers, and organising committee members for their invaluable contributions and support.

GENERATIVE AI WORKSHOP

Generative Artificial Intelligence has emerged as a transformative technology that enables machines to generate new content such as images, text, audio, and videos. With rapid advancements in deep learning and computer vision, generative AI techniques are widely used in areas such as image generation, content creation, healthcare, and autonomous systems. Learning the concepts and practical implementation of generative AI helps participants understand how modern AI models create realistic and meaningful outputs from data.

In the forenoon session of the first day of the workshop, participants were introduced to the fundamentals of Generative AI and its growing importance in the field of artificial intelligence. The session explained the basic concepts of generative models and how they differ from traditional machine learning models.



The resource person also introduced important generative techniques and demonstrated how AI models generate new data similar to the training datasets.

The afternoon session of the first day focused on understanding the computational environment required for implementing generative AI models. Participants were introduced to the importance of Python libraries used in deep learning.

On the second day of the workshop, the forenoon session began with an introduction to Computer Vision and its role in Generative AI. Participants learned the concepts of image processing and deep learning techniques used in computer vision.

On the second day of the workshop, the forenoon session began with an introduction to Computer Vision and its role in generative AI. Students learned the concepts of image processing and deep learning techniques used in computer vision.

The next session focused on practical aspects of computer vision using PyTorch and OpenCV. Students were shown examples of how computer vision tools are used for image processing tasks.

Overall, the two-day workshop provided students with a comprehensive understanding of generative AI concepts, computer vision techniques, and practical implementation using PyTorch. The hands-on sessions enabled students to gain valuable experience in building and experimenting with generative deep learning models.

All the participants were given participation certificates during the valedictory session held at the end of the second day of the workshop.

“Generative AI turns imagination into innovation.”



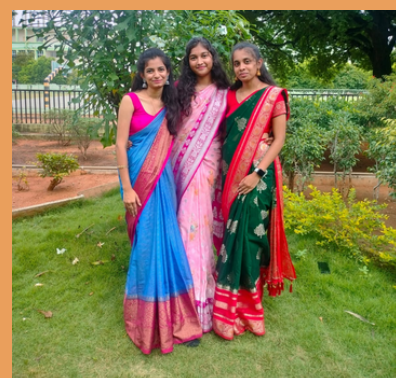
Traditional Day

12th april 2026

Traditional Day 2026 was celebrated with great excitement, joy, and cultural enthusiasm in our college. The event aimed to showcase the rich traditions and cultural diversity of India. Students and faculty members enthusiastically participated by wearing colorful traditional attire representing the diverse states and cultures of India. The entire campus was filled with vibrant colors, music, and festive energy, creating a lively and cheerful atmosphere.



The celebrations were truly a memorable occasion that promoted cultural awareness, unity, and joy among everyone. The celebration created lasting memories and strengthened the spirit of friendship and respect for Indian traditions.



Mehendi Day

Mehendi Day 2026 was celebrated with great enthusiasm, creativity, and joy in our college. The event brought together students in a colorful and festive atmosphere filled with excitement and cultural charm. The campus was beautifully decorated, and the fragrance of mehendi enhanced to the cheerful mood of the celebration. Students actively participated by showcasing beautiful mehendi designs with creativity and elegance.

Various mehendi competitions were organized, where participants displayed intricate traditional and modern designs on their hands. The designs reflected artistic talent, patience, and cultural beauty. Mehendi Day was truly a delightful and memorable celebration that strengthened friendship, creativity, and cultural spirit among the students. The joyful moments and colorful memories of the day will remain special for everyone.



POWER BI WORKSHOP

The CSM Department organized a two-day workshop on “Power BI” for II B.Tech CSM students on 17–18 March 2026. A total of 68 (III CSM) students registered for the workshop. The workshop was scheduled from 09:30 to 16:30 hrs



Power BI has become an essential business intelligence tool that helps organizations analyze data, create interactive visualizations, and make data-driven decisions. With the increasing importance of data analytics in various industries, learning tools like Power BI enable participants to transform raw data into meaningful insights and interactive dashboards.

In the forenoon session of the first day of the workshop, participants were introduced to the fundamentals of Power BI and its role as a business intelligence tool. The session covered an overview of Power BI and its major components such as Power Query, Power Pivot, Power View, Power Map, and Power Q&A.



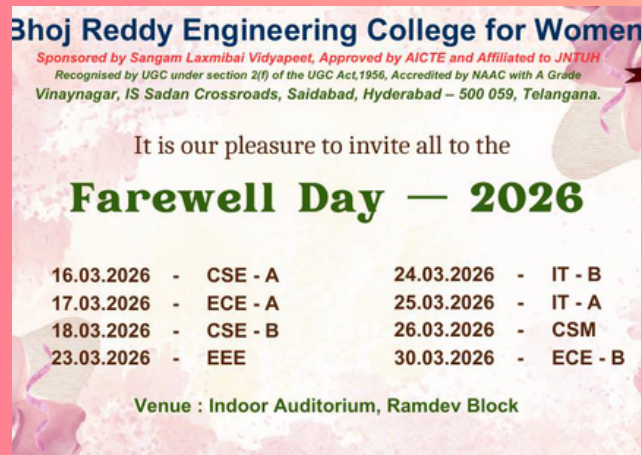
Participants understood how these components work together to collect, process, and visualize data effectively.

The Power BI workshop was highly informative and interactive, It providing participants with valuable knowledge and hands-on experience in data visualization and business intelligence.

The workshop helped attendees understand how organizations use Power BI to convert raw data into actionable insights, making it a valuable learning experience for their academic and professional growth.

“Visualize. Analyze. Transform — with Power BI.”

Farewell Day 2026



The Department of Computer Science & Engineering (CSM) successfully organized the Farewell Day programme on 26 March 2026, from 9:45 AM to 4:30 PM, to bid a heartfelt farewell to the outgoing students and celebrate their journey and achievements. The programme was conducted in the gracious presence of the management

The programme was meticulously coordinated by Dr. M. Seshu Bhavani, Associate Professor and Head of the CSM Department, and Ms. A. Kavya, Assistant Professor and Department Cultural Coordinator, with enthusiastic support from faculty members and student coordinators across all years. The programme was overseen by Dr. G. Shyama Chandra Prasad, Principal, and Mr. G. Dayakar Reddy, Vice Principal.

The programme commenced at 9:45 AM with a series of engaging and emotional activities. The morning session was held from 9:45 AM to 1:00 PM. The programme was carefully crafted to include a range of activities that provided a fitting tribute to the graduating batch. A special segment of cultural performances added vibrancy and joy to the occasion.



Sports Day

Sports Day 2026 was celebrated with great energy, enthusiasm, and sportsmanship at our college. The event was organized to encourage physical fitness, teamwork, and healthy competition among students. The college playground was beautifully decorated with flags, banners and other arrangements, creating an exciting atmosphere for participants and spectators. Students from different departments actively participated in various indoor and outdoor sports events with great passion and determination.



The celebration concluded with a prize distribution ceremony and a vote of thanks. Sports Day was truly a memorable occasion that promoted unity, fitness, confidence, and teamwork among participants. The event grated with joyful memories and inspired students to actively participate in sports and extracurricular activities



Industrial Visit to WE-Hub

The industrial visit to WE Hub provided participants with valuable exposure to the startup ecosystem and women's entrepreneurship initiatives. Participants gained insights into how startups are incubated, supported, and scaled through structured mentoring, funding opportunities, and networking support.

Participants learned about the process of idea validation, business model development, and the importance of innovation in solving real-world problems. The visit also highlighted the role of WE Hub in empowering women entrepreneurs and fostering inclusive growth in the startup ecosystem. Interaction with industry experts helped participants understand practical challenges faced by startups, including funding, market strategy, and product development. The session encouraged entrepreneurial thinking, creativity, and problem-solving skills among participants.

Overall, the visit bridged the gap between academic learning and industry practices, inspiring participants to explore entrepreneurship, innovation, and startup-based career opportunities.

