

Report On VISISTA 2K26 PROJECT EXPO

VISISTA 2K26 is a prestigious annual technical fest organized by Malla Reddy College of Engineering (MRCE) with the objective of promoting innovation, technical excellence, and interdisciplinary collaboration among students. As part of this grand event, the Department of Electronics and Communication Engineering (ECE) successfully organized a Project Expo, which served as a platform for students to showcase their creativity, technical skills, and problem-solving abilities. The Project Expo was designed not only for students within MRCE but also extended participation to students from other colleges, encouraging a competitive and collaborative environment. This initiative aimed to bridge the gap between theoretical knowledge and practical application.

The primary objectives of organizing the Project Expo were:

- To provide a platform for students to demonstrate innovative projects.
- To encourage research-oriented thinking and practical implementation.
- To enhance technical knowledge and teamwork skills.
- To promote interaction between students of different colleges.
- To recognize and reward outstanding projects.
- To inspire students to pursue advancements in electronics and communication technologies.





EVENT OVERVIEW

Event Name : VISISTA 2K26

Activity : Project Expo

Organized By: Department of ECE

College: Malla Reddy College of Engineering (MRCE)

Day Conducted: Day 1 of VISISTA 2K26

Prize Distribution: Day 2

Participants: Internal (MRCE) + External Colleges

The Project Expo witnessed enthusiastic participation from a large number of students, making it one of the highlights of the VISISTA 2K26 event.

INAUGURATION CEREMONY

The **Project Expo** of **VISISTA 2K26** was inaugurated with great enthusiasm and formal dignity on the first day of the event. The ceremony was graced by **Dr. Shalini Reddy**, the esteemed **Chief Guest**, who is the daughter-in-law of the **Chairman** of **MRCE**, **SHRI CH. Malla Reddy GARU**. Her presence added immense value and prestige to the occasion. The inauguration commenced with the traditional lighting of the ceremonial lamp, symbolizing the dispelling of ignorance and the ushering in of knowledge and innovation. The event began with a warm welcome address delivered by the organizing committee, expressing gratitude towards the **Chief Guest**, faculty members, and participants. **Dr. Shalini Reddy** delivered an inspiring and thought-provoking speech emphasizing the importance of innovation, research, and practical learning in today's rapidly evolving technological landscape. She highlighted the role of young engineers in shaping the future and encouraged students to think creatively and work towards solving real-world problems. She also appreciated the efforts of the **ECE department** in organizing such a meaningful platform that promotes technical excellence and innovation among students. Her words served as a great source of motivation for all participants and attendees.

The ceremony was attended by faculty members, students, and guests from various departments and institutions. The formal inauguration set a positive tone for the **Project Expo**, marking the beginning of a highly engaging and intellectually stimulating event.

The **Chief Guest** took time to interact with the participants and showed keen interest in understanding the concepts behind various projects. Her encouraging remarks boosted the confidence of the students and inspired them to present their ideas more effectively.

The inauguration also included brief addresses by senior faculty members, who emphasized the importance of such events in enhancing students' practical knowledge and exposure. They highlighted the department's continuous efforts in encouraging innovation and technical development. The organizing team ensured that the ceremony was conducted smoothly with proper coordination and adherence to formal protocols. The event concluded with a vote of thanks, expressing sincere appreciation to the Chief Guest and all contributors for their support and presence. Overall, the inauguration ceremony was conducted in a highly professional and organized manner, leaving a lasting impression on all attendees and setting a strong foundation for the success of the **Project Expo**.



PARTICIPATION DETAILS

The Project Expo received an overwhelming response from students both within and outside the institution.

Internal Participation

Students from various departments of MRCE, particularly from ECE, actively participated by presenting innovative and technically sound projects.

External Participation

The event also attracted participants from different colleges, thereby promoting inter-institutional collaboration and healthy competition.

Domains of Projects

The projects covered a wide range of domains, including:

- Embedded Systems
- Internet of Things (IoT)
- Robotics and Automation
- Artificial Intelligence and Machine Learning
- Communication Systems
- Renewable Energy Technologies
- Smart Systems and Applications

Each project reflected a high level of creativity, technical understanding, and practical implementation.



PROJECT EXPO

DEPARTMENT OF ECE





EVENT EXECUTION

The Project Expo was executed with meticulous planning and coordination to ensure smooth functioning.

Infrastructure and Setup

- Project stalls were systematically arranged.
- Adequate space and electrical support were provided.
- Proper labeling and display arrangements were ensured.

Project Presentation

Participants demonstrated their projects with clarity and confidence. Many teams incorporated live demonstrations, enhancing the overall experience.

Judging Criteria

- Projects were evaluated based on:
- Innovation and originality
- Technical complexity
- Practical applicability
- Presentation and communication
- Functionality of the model

A panel of experienced faculty members conducted the evaluation process in a fair and transparent manner.

AUDIENCE ENGAGEMENT

The Project Expo attracted a large audience, including students, faculty members, and visitors from other institutions.

The event provided:

- A platform for knowledge exchange
- Opportunities for networking
- Exposure to emerging technologies

Visitors actively interacted with participants, showing keen interest in understanding the working and applications of various projects.



PRICE DISTRIBUTION CEREMONY

The winners of the Project Expo were announced and honored on the second day of VISISTA 2K26 in a formal prize distribution ceremony.

Awards Presented

- First Prize (1st Place) Bore well rescue system Botx
- Second Prize (2nd Place) Smart Wireless Car charging system for Electric Vehicles
- Third Prize (3rd Place) Automatic baby Monitoring System Using IOT

Recognition

The winners were awarded certificates and prizes in recognition of their outstanding performance, innovation, and technical excellence.

The ceremony celebrated the hard work and dedication of the participants, motivating them to continue pursuing excellence in their respective fields.



Project Title: Bore well rescue system Botx



HIGHLIGHTS OF THE EVENT

- Participation from multiple colleges
- Display of innovative and real-time projects
- Strong coordination and teamwork
- Inspirational presence of the Chief Guest
- Transparent and fair evaluation process

The event stood out as a major highlight of VISISTA 2K26.



ROLE OF THE ECE DEPARTMENT

The Department of ECE played a pivotal role in the successful organization of the Project Expo.

Key responsibilities included:

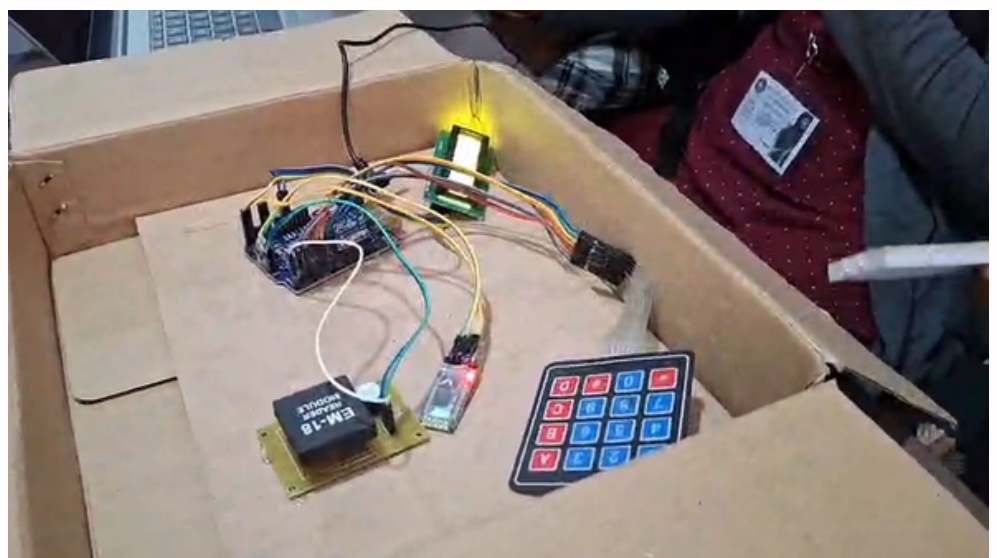
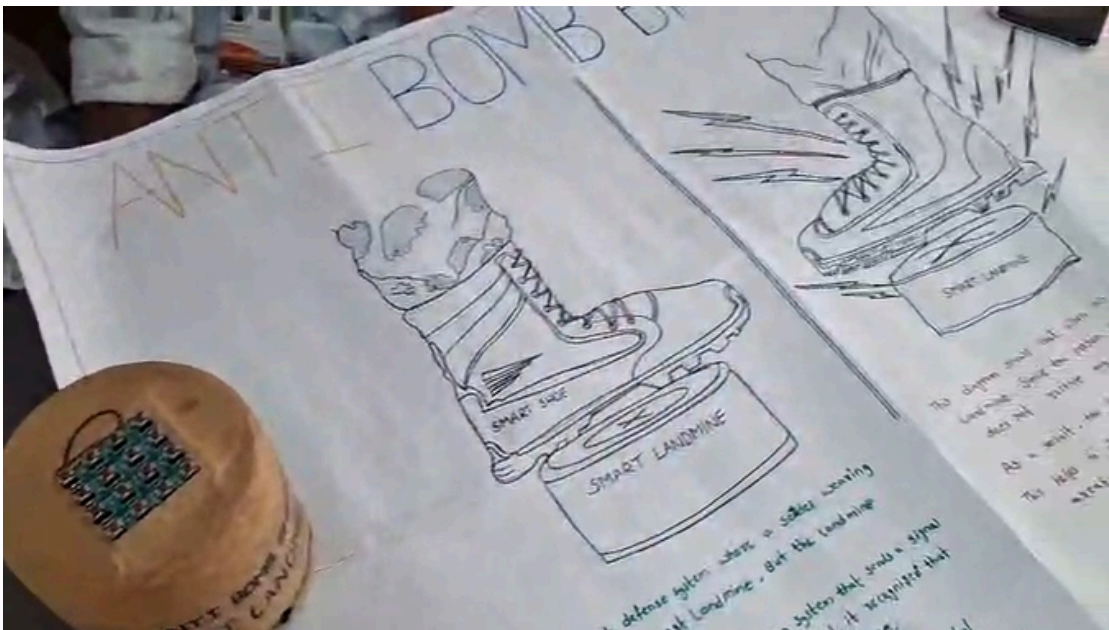
- Planning and scheduling the event
- Coordinating with participants and judges
- Managing logistics and infrastructure
- Ensuring smooth execution

The dedication and teamwork of faculty members and student volunteers contributed significantly to the event's success.

OUTCOMES

The Project Expo achieved significant outcomes:

- Enhanced practical knowledge and technical skills
- Encouragement of innovation and creativity
- Increased confidence among participants
- Exposure to real-world problem-solving
- Strengthened inter-college collaboration





Project Title: Automatic baby Monitoring System Using IOT

CONCLUSION

The **Project Expo** conducted as part of **VISISTA 2K26** by the **Department of ECE** at **MallaReddy College of Engineering** was a grand success. The event successfully achieved its objectives of promoting innovation, technical excellence, and collaborative learning. The presence of the **Chief Guest, Dr. Shalini Reddy**, added immense value and inspiration to the event. The seamless execution of the expo reflects the commitment and teamwork of the ECE department. The event will continue to serve as a benchmark for future technical initiatives and inspire students to strive for excellence.

DEPARTMENT OF **ECE**