



**R.V.R & J.C COLLEGE OF ENGINEERING(Autonomous)
Chowdavaram :: Guntur:: 522019
Sponsored by Nagarjuna Education society:: Affiliated to ANU
Department of Electrical and Electronics Engineering**

IEEE STUDENT BRANCH (WIE AG)

DATE: 01.07.2024

**Report on "STEMTASTIC FUTURES: INSPIRING YOUNG MINDS" conducted on
29.06.2024 from 12:30 pm to 03:30 pm : WIE Day Event**

Date: June 29, 2024

Location: Z P High School, Nallapadu

Organized by: WIE Affinity Group of IEEE RVRJC Student Branch

In Association With: ZPHS School, Nallapadu

Objective of the Event

The "STEMTASTIC FUTURES: INSPIRING YOUNG MINDS" event aimed to:

1. **Encourage Innovative Ideas:** Inspire creativity and innovation among students.
2. **Increase Rural Literacy:** Enhance educational opportunities and reduce dropout rates in rural high schools.
3. **Expose Students to Advanced Technologies:** Introduce high school students to cutting-edge technologies.
4. **Promote Gender Equality:** Encourage girl students to pursue higher education and promote gender equality.
5. **Facilitate Interaction:** Provide college students an opportunity to share their knowledge and engage with high school students.
6. **Guide Higher Education Plans:** Help students gain insights into planning their higher education.

Achievements

1. **Improved Communication Skills:** Participants enhanced their ability to explain concepts effectively.
2. **Developed Presentation Skills:** College students improved their presentation skills.
3. **Assisted in Future Planning:** Rural students received valuable guidance for their educational and career paths.
4. High School girls were motivated to pursue STEM fields.

Participation

- **Total Participants:** 24 IEEE members and 90 high school girl students
- **Total IEEE Members:** 24 college students

Event Overview

Organized by the WIE Affinity Group of IEEE RVRJC Student Branch, in association with ZPHS School, Nallapadu, the event aimed to inspire high school students by exposing them to advanced technologies. The day featured interactive sessions where participants demonstrated and explained IoT technologies, fostering interest in STEM fields and providing practical knowledge.

Activities

IoT Smart Project Showcase

Participants engaged in hands-on exploration of IoT technology through interactive exhibits and demonstrations. They learned about integrating sensors, actuators, and microcontrollers to create innovative solutions for practical problems, covering domains like environmental monitoring and home automation.

Volunteer Engagement

Volunteers, divided into groups, showcased and demonstrated working models to students from classes IX, and X. Their interactive engagement provided insights into the projects, encouraging active participation and fostering a dynamic learning environment.

Schedule

Time	Activity
11:45 AM	Boarding the bus
12:10 PM - 12:25 PM	Interaction with HM
12:25 PM - 12:30 PM	Reporting to respective classes
12:30 PM - 1:15 PM	Team rotations (9th & 10th Sections)
1:15 PM - 2:00 PM	Team rotations (9th & 10th Sections)
2:00 PM - 2:45 PM	Team rotations (9th & 10th Sections)
2:45 PM - 3:00 PM	Team rotations (9th & 10th Sections)
3:00 PM - 3:30 PM	Distribution of Snacks

3:30 PM - 3:45 PM	Photo Session
3:45 PM - 4:00 PM	Feedback

Conclusion

The "STEMTASTIC FUTURES: INSPIRING YOUNG MINDS" event was a resounding success. It effectively aligned with IEEE's mission to foster technological innovation and excellence. By showcasing IoT technology, we inspired the next generation of STEM leaders and equipped them with essential skills for a technology-driven world.

The event's success was driven by the enthusiastic participation of volunteers and students. Their interactions fostered a spirit of innovation and learning, making the event a memorable and impactful experience.

Photographs taken during the Event:





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