

Report on Techfest Mechfiesta-2024

Event Dates: 23rd and 24th August 2024

Venue: Mechanical Department

Organized by: Mechanical Department

1. Overview: Mechfiesta-2024 was a two-day technical fest celebrated with great enthusiasm and participation from students, faculty, and industry professionals. Held on the 23rd and 24th of August 2024, the event served as a platform for budding engineers, innovators, and cultural enthusiasts to showcase their talents. The fest featured a total of 19 events categorized into three broad categories: 8 technical events, 5 cultural events, and 5 sports events. Total 517 entries were received in this event.

2. Technical Events: The fest promoted innovation and technical prowess among students. The 8 technical events provided a competitive yet collaborative environment for participants to test their engineering and problem-solving skills.

The key technical events were:

- **Robotics Challenge:** Teams built autonomous and remote-controlled robots for various tasks and obstacle courses.
- **Bridge Building Contest:** Students competed to design and construct the strongest bridge using limited resources.
- **Coding Hackathon:** A 12-hour non-stop coding marathon aimed at solving real-world problems.
- **CAD Designing:** Participants showcased their computer-aided design (CAD) skills by modeling complex structures.
- **RC Car Racing:** Students designed, built, and raced remote-controlled cars on a custom track.
- **Tech Quiz:** A quiz on engineering concepts and latest technological advancements.
- **Paper Presentation:** Teams presented research on various emerging technologies.
- **Tech Expo:** A display of innovative projects and prototypes developed by students.

Participation in these events was overwhelming, and several projects demonstrated innovation and creativity.

3. Cultural Events: Mechfiesta-2024 also offered a vibrant cultural experience alongside its technical rigor. The 5 cultural events allowed students to unwind and express their artistic side.

The cultural events included:

- **Dance Competition:** Various teams competed in a vibrant showcase of dance performances across genres.

- **Singing Competition:** A platform for budding singers to showcase their vocal talents.
- **Drama/Skits:** A series of skits and plays portraying social, political, and college life themes.
- **Art & Craft Exhibition:** A display of artistic creativity, including paintings, sculptures, and handicrafts.
- **Photography Contest:** A competition for the best photographs capturing moments from the fest.

These cultural activities brought a sense of excitement and joy, providing a holistic experience for the participants and the audience alike.

4. Sports Events: The fest also included a sports section, allowing students to showcase their physical skills and teamwork. The 5 sports events conducted during Mechfiesta-2024 were:

- **Football Tournament**
- **Basketball Tournament**
- **Badminton Tournament**
- **Cricket Match**
- **Track and Field Events**

The sports events witnessed intense competition and team spirit, making them one of the most engaging parts of the fest.

5. Conclusion: Mechfiesta-2024 was a grand success, blending technical, cultural, and sports activities to provide a wholesome experience for all participants. The event successfully fostered innovation, creativity, and sportsmanship, leaving participants with unforgettable memories and valuable experiences. The organizing committee deserves special recognition for their efforts in ensuring the smooth execution of the fest.

The fest closed with an awards ceremony, where the winners of the various events were felicitated. Mechfiesta-2024 truly lived up to its goal of inspiring and nurturing talent across multiple domains.

Acknowledgments: We would like to extend our gratitude to the faculty, sponsors, volunteers, and all participants who made Mechfiesta-2024 a resounding success.

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