REPORT ON "WINGS 2023"

Tech Fest
Hosted by
Government College of Engineering ,Aurangabad
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WINGS 2023-

Wings, National level technical fest of Government College of Engineering, Aurangabad brings you huge, unbound skies of competitions.Wings is an exhibition of talent, a festival of knowledge and celebration of dexterity over 12 years.WINGS 2023 was based on the theme "A Space Expedition". After two years, WINGS is back on the grounds of GECA and all set to become more prominent than ever before. For the new edition of WINGS, our key events included Dronix, Roborace, GECA'S Innovation Fest, Nitro Race, Bridge Mania, Ode-To-Code, Aqua-rocketry and many more events.Wings is an exhibition of talent, a festival of knowledge and celebration of dexterity

COMPETITIONS

Dronix

The drone industry is now having exponential growth. Here at Dronix, students learn, explore and evolve along with the applications .The challenge is to build a drone within the specified dimensions that are aerodynamically stable to achieve a successful flight through the arena.
Around seven teams participated in Dronix (Drone challenge).

Nitro Race

Nitro Race was about creating an amazing track to test the speed and precision of the expert drivers who have come to Aurangabad to participate in this breathtaking event. This is a team event open to both college and high school students.This is a four-round competition. All rounds will be held at GECA.
Around fived teams participated in Nitro Race.

Robo Race

In Robo Race, participants have to design a manually controlled ROBOT that has the capacity to cover maximum distance in the shortest possible time, challenge the hurdles, and be one of the best opponents.Predefined Obstacles for the competition will include Switch Bridge, speed breakers, marble pit, slippery path, rotating ring disc, curve ramp down, seesaw, etc.All races will be governed by an appointed team of judges/organizers and will follow the general rules and regulations of the competition.
Around twelve teams participated in the Robo Race.

Aqua Rocketry

Design and build a water rocket within the specified dimensions robust enough to withstand the pressure and when launched from the launch pad achieves the maximum range within a fixed distance from the launcher point. The team with maximum range will be nominated as winner.
Around eight teams participated in AquaRace.

Ode to Code

Ode To Code aims to write source code of computer programs which are able to solve given problems. A vast majority of problems appearing in programming contests are mathematical or logical in nature.This was divided into Individual and Team participants,where individuals had gone through 2 rounds -Quiz and coding round.Were teams went through coding round and final round.

Around twenty-five teams and forty individual participated in Code-to-Code

GIF (Geca's Innovation Fest)

Each team presents their innovative ideas in the form of hardware or software projects in GIF.Teams did showcase live demonstrations of their innovative project.
Decision criteria will be based on
-How innovative your idea is!
- How helpful your idea will be, if implemented in real life!
- Resources utilized in making of the project
- How your idea beats your existing competition!
 Around fifteen teams participated in GIF.

Bridgemania

It's a bridge design contest to test the complete knowledge and application of the stability and design concepts.Students will design and build their own bridges out of popsicle sticks.The competition was open to all students of all branches of engineering and polytechnic. Students may submit entries as individuals or as a team. Team sizes were limited to three (3) students per team.
Around twenty teams participated in Bridgemania.

Events

Campus Decoration

The campus decoration for a technical fest is an important aspect of creating the right atmosphere for the event. It sets the tone for the fest and creates an environment that is conducive to learning, networking, and having fun.The planning process for campus decoration for a technical fest was started well in advance of the event. It is important to have a clear understanding of the theme of the fest, as this will guide the design of the decoration. The planning process did include identifying the areas of the campus that will be decorated, as well as determining the budget and timeline for the decoration.Once the planning process is complete, the design of the campus decoration can begin. The design:The planning process, design, and execution should be done with precision and attention to detail, in order to create an engaging and visually appealing environment for attendees. With proper planning and execution, the campus decoration can be a highlight of the technical fest and contribute to the overall success of the event.
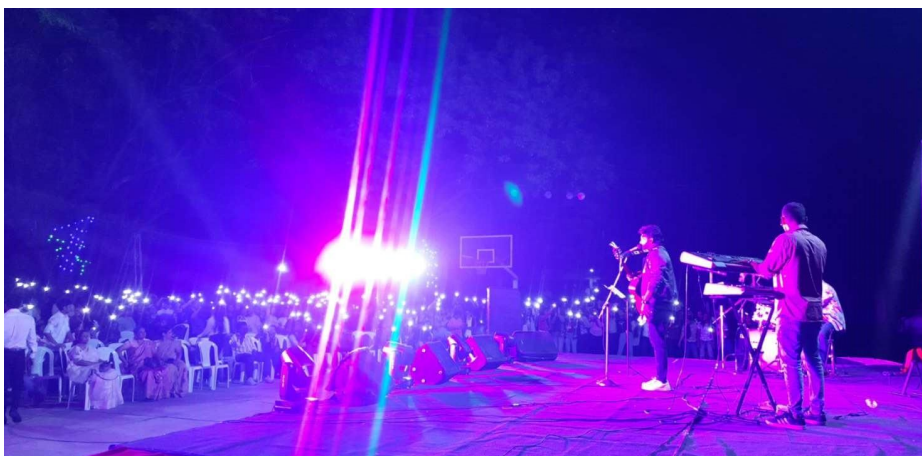

Inauguration Program

On 3rd February 2023, the national level technical fiesta of the Government College of Engineering commenced with great pomp. Wings 2023 became the largest technical event in the Marathwada region. The first program in the schedule was the Inauguration Ceremony, in the IT Seminar Hall, IT Department, GECA.
The Technical Education Co-Director Umesh Nagdeve, former member of the governing body of the college, entrepreneur Ravindra Vaidya, University founder Dr. Bhalchandra Waikar was the Chief Guest for the ceremony . The other dignitaries included Dr.A.S.Bhalchandra, the Principal of the college. At the beginning of the Inauguration Dr. Pramod Yewle cut the ribbons, marking the

beginning of Wings2023. The guests were then felicitated and encouraged the students to participate in more such events. It was then time for the Guest lecture. The inauguration ceremony was followed by an interaction of Dr.A.S.Bhalchandra with the students. The students and elders asked various questions.The program was coordinated by Dr. Varsha Ratnaparkhe, Prof. By Sushma Aggarwal, Ankita Mule.The Guest lecture continued till 1:30 pm.After this all competitions resumed .

Musical Concert

Same evening on 3rd February 2023, Government College of Engineering commenced with a large crowd for a musical concert .This concert took place in the college Basketball Court. But there was a basic difference between this concert and the other ones. The performers were from College itself and they performed instrumental music only.This gave the student crowd a chance to cool down after they had danced to the songs of the local singer. After the instrument was over, another rock band came on stage. They 'rocked' the stage with their performance and the air became electric marking the beginning of Wings2023.

Price Distribution Ceremony

On 5th February 2023, the 3rd day of national level technical fiesta of the Government College of Engineering.The last day of Wings 2023 included mainly finals of few competitions and Prize Distribution Ceremony, after the final rounds. The ceremony was graced by the presence of Dr.A.S.Bhalchandra, the Principal of Government College of Engineering, - addressed the students and encouraged them to participate in more such events, but ensure that they strike a perfect balance in their studies. Then, the winners of various events were felicitated. On this occasion, we got to experience the thrill of Robores, Dronex, Aqua Rocketry.350 students from all over the

country participated in the Wings 2023 technical competition. Students showcased their technical skills in seven competitions such as Roborace, Dronex, Aqua Rocketry, Bridge Mania, Ode to Code, Innovation Fest, Nitro Race. The prize was distributed in the presence of former student of the college and entrepreneur Motilal Patni.Faculties involved in Wings2023 - Ghanegaonkar mam, Atipamulu Sir, Nemade mam for the mentoring the events

Winners-Yuvraj Pagare in Innovation Fest competition, Darshan Revgade

Pandurang Hemade, Shivam Jagtap, Chaitanya Deshmukh in Ode to Code competition

Shantanu Ghugere, Rajesh Bahiram, Prajakta Pawar in Bridge Mania competition

Sheriyar Mazda in Nitro Race

Rahul Patle, Yash Thakur Dronix competition

Khalid Sharif won in AquaRocketry

while Sagar Patil, Omkar Pingle, Rahul Sagwan, Ayush Jindal won in RoboRace

In conclusion, a technical fest is an important event for engineering colleges as it provides students with an opportunity to showcase their technical skills and knowledge. It also allows them to network with professionals in the industry and gain valuable insights into the latest developments and trends. With proper planning, execution, and promotion, a technical fest can be a great success and contribute to the overall growth and development of the engineering college. It is important for colleges to continue organizing such events and provide students with a platform to showcase their talents and potential.