

(An Autonomous Institution affiliated to RashtrasantTukadojiMaharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

Ph.: 07104-237919, 234623, 329249, 329250 Fax: 07104-232376, Website: www.ycce.edu

### Department of Electronics Engineering

#### **ICON 23.0**

#### Report

Techfest ICON 23.0 organized by the Department of Electronics Engineering and Department of Electronics and Telecommunication Engineering was a resounding success, drawing participation from students, researchers, industry professionals, and enthusiasts. Through its diverse array of activities, including keynote addresses, workshops, industry interactions, and networking opportunities, the event contributed significantly to knowledge dissemination, skill development, and industry-academia collaboration in the fields of electronics and telecommunications. It exemplified YCCE's commitment to fostering innovation, academic excellence, and industry engagement, paving the way for future advancements and breakthroughs in technology.

The techfest was inauguration by the hand of Er. Nitin Chayande, Chief General Manager, BSNL Nagpur. On this occasion, Head of Electronics Department Dr. R. D. Thakare, Head of Electronics and Telecommunication Engineering Dr. M. S. Narlawar as well as Student Activity Incharge Dr. S. A. Dhondse, Dr. P. A. Maturkar and Prof. V. D. Bondre were present.





Yeshwantrao Chavan College of Engineering
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#### **Participation Details:**

| Sr. No. | Event                   | Entries  |
|---------|-------------------------|----------|
| 1       | Roborace                | 32       |
| 2       | Wall Street             | 15       |
| 3       | Grab The Block          | 54       |
| 4       | Lezer Gun               | 25 Teams |
| 5       | Robo Soccer             | 45       |
| 6       | Boat Racing             | 35       |
| 7       | Generative AI Hackathon | 24       |
| 8       | Robo War                | 30       |
| 9       | T Icon                  | 60       |
| 10      | Smash Karts             | 15 Teams |
| 11      | Futsal                  | 20       |
| 12      | Box Cricket             | 15 Teams |
| 13      | BGMI                    | 15 Teams |
| 14      | Valorant                | 15 Teams |
| 15      | Muscle Mahyem           | 63       |
| 16      | Chess                   | 20       |
| 17      | Talent Bling            | 34       |
| 18      | Candid Capture          | 100      |
| 19      | Treasure Hunt           | 25 Teams |
| 20      | Foodie Kaun             | 50       |
| 21      | Funtakshari             | 20       |
| 22      | Flashmob                | 240      |
|         | Total                   | 952      |



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#### (1) Robo Race:

The Robo Race Competition emerged as a triumphant event, offering a platform for robot enthusiasts to showcase their passion. It not only emphasized the significance of electronics but also spurred innovation and creativity in the realm of robotics. Winners, acknowledged for their exceptional skills, received well-deserved prizes. Participant feedback was overwhelmingly positive, with valuable suggestions for future events duly noted. The competition served as a commendable opportunity for students to not only exhibit their prowess in the field but also to engage in mutual learning. It underscored the vibrant community spirit and collaborative learning that events like these foster among students. The success of the Robo Race Competition reflects the growing interest and talent in robotics within the student community, affirming the event's role in nurturing a culture of technological exploration and skill development.





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#### (2) Wall Street:

The Wall Street Simulation attracted a mix of aspiring traders, finance enthusiasts, and students eager to gain practical insights into the complexities of financial markets. Participants were tasked with managing virtual portfolios, making investment decisions, and navigating market fluctuations in a dynamic and competitive trading environment.

The simulation followed a structured format, with participants divided into teams and provided access to virtual trading platforms simulating real-world market conditions. Over the course of the event, teams engaged in simulated trading sessions, analyzing market data, executing trades, and adjusting their investment strategies in response to changing market trends.

The Wall Street Simulation at Techfest 'ICON 23.0' provided participants with a valuable opportunity to gain hands-on experience in financial markets and hone their trading skills in a risk-free environment. As the finance industry continues to evolve, events like these play a crucial role in preparing future generations of traders and finance professionals for the challenges and opportunities that lie ahead.



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#### (3) Grab The Block:

Building a Block Tower Using the Crane

In this exciting and challenging activity, participants will have the opportunity to construct a block tower using the crane they have previously built, as mentioned in the "Grab the Block" event statement. This activity is not only a test of their crane's capabilities but also their engineering and teamwork skills.

The Grab the Block Challenge attracted participants from diverse backgrounds, including students, athletes, and puzzle enthusiasts, all eager to showcase their skills and competitive spirit in a fast-paced and dynamic environment. Participants formed teams and strategized to retrieve blocks from a designated area while overcoming obstacles and challenges.

The Grab the Block Challenge at Techfest 'ICON 23.0' provided participants with an exhilarating platform to showcase their agility, strategy, and teamwork in a competitive setting. As the spirit of competition and challenge continues to inspire participants and spectators alike, events like these serve as a reminder of the thrill of pushing oneself to new limits and achieving success through determination and perseverance.



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#### (4) Lezer Gun:

The Laser Gun Competition drew participants from diverse backgrounds, ranging from casual enthusiasts to avid competitors, all eager to test their mettle in simulated combat scenarios. Equipped with state-of-the-art laser tag equipment, participants engaged in intense battles across specially designed arenas, showcasing their reflexes, strategy, and teamwork.

The competition followed a structured format, featuring a series of rounds and gameplay modes designed to challenge participants' tactical acumen and marksmanship skills. In this exciting game, participants will form teams of 3 or 4 players each, and they'll be armed with laser guns. The battleground? A dark room filled with suspense and excitement. The Laser Gun Competition at Techfest 'ICON 23.0' was a resounding success, bringing together gaming enthusiasts and technology aficionados in a celebration of innovation, teamwork, and friendly competition. As the gaming landscape continues to evolve, events like these serve as a testament to the enduring appeal of interactive gaming experiences and the boundless potential of technology to inspire and entertain.







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#### (5) Robo Soccer:

The Robo Soccer Competition was a successful event, which provided a platform for students who are passionate about the robots. The competition helped promote the importance of electronics and encouraged innovation and creativity in Robotics fields. The winners of the competition were recognized for their exceptional skills and were awarded prizes. The event received positive feedback from the participants, and suggestions for future events were taken into consideration. Overall, the event was an excellent opportunity for students to showcase their skills in this fileds and learn from each other.







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#### (6) Boat Racing:

The Boat Racing Competition attracted a diverse array of participants, including engineering students, hobbyists, and maritime enthusiasts, all eager to demonstrate their design and piloting skills in the water. Participants designed and constructed their own remote-controlled boats, incorporating innovative features and propulsion systems to navigate through a challenging aquatic course. The Boat Racing Competition at Techfest 'ICON 23.0' was a resounding success, providing participants with a platform to showcase their creativity, engineering prowess, and teamwork in a fun and competitive environment. As technology continues to advance, events like these serve as a testament to the endless possibilities for innovation and exploration in the field of maritime design and propulsion.







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#### (7) Generative AI Hackathon:

The Department of electronics engineering organized the Techfest "ICON 23.0" under which "Gen AI Hackathon" was organized. The Hackathon was to be held in two stages: an online qualifying round and final offline project building round. For that, the registration form was shared on September 25, 2023.







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#### (8) Robo War:

The Robo War Competition attracted a diverse range of participants, including robotics enthusiasts, engineering students, and hobbyists, all eager to showcase their robotic creations' design, engineering, and combat abilities. Participants designed and built their custom robots, equipped with weapons and armor, to battle it out in a fierce arena.

The Robo War Competition at Techfest 'ICON 23.0' provided participants with an exhilarating platform to showcase their robotics prowess and combat skills in a competitive environment. As technology continues to advance, events like these demonstrate the boundless potential for innovation and creativity within the field of robotics.





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#### (9) T Icon:

The Department of Electronics Engineering Organized the Techfest "ICON 23.0" under which the "T-ICON" was organized. The Competition was decided to be held in offline mode. The T-ICON was conducted in Two Rounds. The First round was Aptitude Round and the Second round was the Interview round. 63 Participants were there for the competition. This Workshop was organized in the ET-203, Conference Hall (Department of Electronics Engineering, YCCE).





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#### (10) Smash Karts:

The Smash Karts Tournament attracted gaming enthusiasts from all backgrounds, ranging from casual players to seasoned competitors, all eager to showcase their racing skills and tactical prowess in the virtual arena. Participants engaged in intense multiplayer races, competing against each other in a battle for supremacy on dynamic and challenging race tracks.

Smash Karts is a 3D multiplayer kart battle game. Drive your go-kart, pick up weapons, and blow up other karts to win! The qualifying game will be of 10 minutes and the winner will be totally based on the score of the particular round. The tournament followed a structured format, comprising multiple rounds of racing heats and elimination matches, leading up to an exhilarating grand finale. Participants customized their karts, selected their favorite power-ups, and strategically maneuvered through obstacles and opponents to secure victory and advance through the tournament.

The Smash Karts Tournament at Techfest 'ICON 23.0' provided participants with an exhilarating gaming experience, combining fast-paced racing action with strategic gameplay and intense competition. As gaming continues to evolve, events like these showcase the endless possibilities for innovation and entertainment within the gaming industry.



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#### **(11) Futsal:**

The event was organized by ICON23.0 on the date 13/10/2023 .There were 23 teams who take part in the competition .From these 23 teams 1st price won by team 'BAJARANG DAL' which belongs to G.H.Raisoni College of Engineering and the 2nd price won by team 'DMMC' which belongs to Datta Meghe Medical College. These matches were played on DMMC turf .The event begins at morning 7:30am and ends at evening 11:30pm .The organisers of this event were Shreyash Bhandarkar, Rohit Chavan, Priyanshu Meshram, Mayur Khiratkar. The entry fees of this event was 500 rupees.







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#### (12) Box Cricket

Box cricket, featuring teams with just 6 players, is an even more compact and fast-paced version of the game. With fewer players on each side, the action is intensified as batsmen aim to score quickly, and fielders have to be agile to prevent runs. Inter-team matches will be held and so on and final 1 team will be declared as winner.

The Box Cricket Tournament at Techfest 'ICON 23.0' provided participants with an exciting platform to showcase their cricketing talents and passion for the sport in an indoor setting. As cricket continues to evolve, events like these play a crucial role in promoting the sport and fostering a sense of community among cricket enthusiasts.





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#### (13) **BGMI**:

The Department of Electronics Engineering Organized the Techfest "ICON 23.0" under which the "BGMI" was Organized. The Competition was decided to be held in of Online mode. For that, the registration form was shared on September 25, 2023. All the required instructions were shared with the participants one day before the Competition through whatsapp group. This competition was conducted in online mode. Game playing time was givens 05:00 p.m onwords. All participants played on time. The Event was a BGMI Game competition with own mobile operated by participants. Rules were exactly same as the Tounaments game. 15 team players played at a time in 1 room. player from each game is shortlisted and then competition among shortlisted participant is played. The event Head was Pratham Karmarkar and Rutvik Ghate and Co-heads was Manish Bansod & Astha Komalkar. The event received an overwhelming response, with a total of registrations. Most of the participation from YCCE students and from other colleges has also shown interest as well as participation.







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#### (14) Valorant:

The Valorant tournament attracted a diverse array of participants, ranging from amateur players to seasoned veterans, all eager to showcase their skills and strategic prowess in the highly competitive gaming environment. With teams formed and strategies devised, the stage was set for an intense battle of wits and reflexes.

The Valorant tournament attracted a diverse array of participants, ranging from amateur players to seasoned veterans, all eager to showcase their skills and strategic prowess in the highly competitive gaming environment. With teams formed and strategies devised, the stage was set for an intense battle of wits and reflexes.

The Valorant tournament at Techfest 'ICON 23.0' was a resounding success, bringing together passionate gamers and fostering a spirit of camaraderie and competition. As the gaming community continues to grow and evolve, events like these play a vital role in nurturing talent and promoting the esports industry.



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#### (15) Muscle Mahyem:

The Department of Electronics Engineering Organized the Techfest "ICON 23.0" under which the "Muscle Mayhem" was organized. The Competition was decided to be held in offline mode. For that, the registration form was shared on September 25, 2023. Under Muscle Mayhem there were two different events organised, powerlifting and armwrestling. In power lifting each participant was given three lifts out of which, thier best lift was considered, there were 31 online registrations and 24 spot entries. In armwrestling each participant competes with the other participant and whoever wins goes to the next round. There were 31 online registration and 22 spot entries in armwrestling. Total 108 Participants were there for the competition. There were three weight categories in powerlifting i.e. (below 65kg, 65kg to 80 kg and above 80kg). From each category three winners were selected. In armwrestling there were only two weight categories i.e. (75 below and above) and a single winner was selected for both the categories.







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#### (16) Chess:

The Chess Tournament attracted participants from diverse backgrounds, ranging from novice players to seasoned competitors, all united by their passion for the game of chess. Participants engaged in intense matches, testing their skills and strategic foresight against opponents in a battle of wits and intellect.

The Chess Tournament at Techfest 'ICON 23.0' provided participants with a platform to engage in intellectual competition and celebrate the timeless game of chess. As chess continues to captivate minds and inspire players around the world, events like these serve as a testament to the enduring appeal and strategic depth of the game.







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#### (17) Talent Bling:

The department of Electronics Engineering Organized the Techfest ICON 2023 presents TALENT BLING which was held on 13 oct 2023 and started around 11AM. The Talent bling was conducted in front of the Electronics Department. The reporting time was given as 10AM and the participants reached on time. The Guest was RJ Farhan Sir who is Jockey at Radio Mirchi he is a voice artist and entertainer. The event judged by S.R.Nitnavre Ma'am and K.G.Pande Sir. The list of participants was shared with the guest and judges. The event Heads were Anuja Jiwane and Amey Rotkar and Co-heads were Tejas Choudhary and Aman Undre. The participants were so active, participants were showing their talent as singer, musician, rapper, dancer, comedian etc. it was the time were they shine on stage and captivate the crowd with their skills. We got lots of spot entries too.







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#### (18) Candid Capture:

The Department of Electronics Engineering Organized the Tech-Fest "ICON 23.0" under which the "Candid Capture" was organized. The Competition was decided to be held in online mode. For that, the registration form was shared on September 25, 2023. On 12<sup>th</sup> October 2023 we have circulated the link on the WhatsApp group and asked the participants to upload their photo. After that we have closed the link on 13<sup>th</sup> October 2023. Head and co-head has taken the initiative to make the event successful. The event concluded with an award ceremony, where outstanding photographers and winning entries from the contests were recognized and celebrated. The event was coordinated by head Arya Pande and co-head Kartik Ambulkar.





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#### (19) Treasure Hunt:

Round 1: Picture puzzle - Each team will be given a picture puzzle with a reference image. - The first teams to solve the puzzle qualifies for the next round. Round 2: Scramble Showdown - Participants have to make the appropriate word from a scrambled letters. - The teams with maximum points qualify as our final contenders.

Round 3: Treasure hunt - This will be a treasure hunt round held in the ETC department itself. - Teams will be given initial clues from which they'll have to find out the next clue, until they reach the final one. - The team to find the treasure will taste victory!

The Treasure Hunt Competition at Techfest 'ICON 23.0' provided participants with an unforgettable experience, combining adventure, problem-solving, and teamwork in a thrilling quest for hidden treasures. As the spirit of exploration continues to inspire adventurers and enthusiasts, events like these serve as a reminder of the joy of discovery and the thrill of the unknown.







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#### (20) Foodie Kaun:

The Department of Electronics Engineering Organized the Techfest "ICON 23.0" under which the "Foodiecon" was organized. The Competition was decided to be held in offline mode. Under Foodiecon there were two levels organized. In first round each participant was given 6 panipuri and they have to finished it 20 seconds, there were 10 participants who had qualified this level. In second level each participant have to eat unlimited panipuri in 45 seconds to competes with the other participant and whoever wins will be considered as winner. There were total 39 online registration and 41 spot entries in foodiecon. Total 80 Participants were there for the competition. The event was organized in the parking of (Department of Electronics Engineering, YCCE) infront of department.







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#### (21) Funtakshari:

Round 1: MELODY MAKERS - Face off between two teams. One word will be given between each two teams and they have to write & sing the maximum song which includes the given word within a given time. Teams with maximum points will qualify for the 2nd round.

Round 2: MUSICAL DUMSHARAS - Time will be allotted to each team, one member of each team will get a song which he/she has to enact.

Round 3: MUSIC MANIA -This is a Buzzer Round where contestants have to guess songs.







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#### (22) Flashmob:

The Department of Electronics Engineering, Electronics and Telecommunication Engineering & IoT branch organized the Techfest "ICON 23.0" under which "Flashmob" was organized. The Flashmob was to be held in two locations: Centro Mall, Nagpur & YCCE College, Nagpur. The Flashmob at Centro Mall was a huge crowd puller. The Flashmob helped a lot in promotion of ICON 23.0. Around 80-90 energetic students performed in it. Students of 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Year participated in Flashmob with huge enthusiasm. All the participants enjoyed the flashmob. Audience enjoyed and appreciated the efforts taken by the students. The event started around 5 PM at both the locations. Many social media influencers were called as the guest performers. The event summed up in 1 hour. The Dance in the flashmob included all type of genres (Western, Patriotic, Indie, etc). At the end of the Flashmob was the Patriotic skit performed by the students of Rakshanam Academy, which is a sponsor of ICON 23.0. The Flashmob event was managed by Rakshita Bokade & Mihir Bhende (Cultural Heads of ICON 23.0). The Practice and overall lookout of Flashmob was done by Riddhi Atalkar (Flashmob Organizer Head of ICON 23.0).





