



Government College of Engineering, Amravati-444604

(An Autonomous Institute of Government of Maharashtra)

NEWSLETTER

SPRING-SPIRIT

JAN-APRIL 2023

"VOL 1"



VISION

"TOWARDS GLOBAL TECHNOLOGICAL EXCELLENCE"

INSTITUTE CORE VALUES

- Excellent Students.
- Globally Competitive Academic Environment.
- Integrity and Commitment of Staff and Faculty.
- Active Industry Institute Interaction.
- Consistent Training and Placements.
- Graduates with High Employability Ph. D. Centre with QIP.
- R & D Activities with Patent.
- Testing and Consultancy Centre.
- Technology Transfer to Society.
- Standard Report, Dissertation and Thesis Writing.

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Prof. Shweta Meshram

Prof. Radhika Harne

Prof. N.D. Solanki

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- Yashashri Hadke(3rd Yr Entc)
- Vaishnavi Wankhade(3rd Yr Elpo)
- Rutuja Lewarkar(3rd Yr Elpo)
- Pratham Kaitwas(1st Yr Entc)
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- Mansi Shirbhate(3rd Yr Cse)
- Nakul Wankhade(2nd Yr Civil)
- Sahil Kandarkar(3rd Yr Cse)
- Shivam Pal(2nd Yr Entc)
- Samruddhi Dhotre(2nd Yr Entc)

MISSION

Creating Human Resources of Global competence
Providing An excellent Academic & Research Environment
Striving For Development through Technology Transfer
Inculcating The Attitude Of Entrepreneurship



CIVIL DEPARTMENT



GUEST LECTURE

On 17/04/2023, a Guest lecture on Career opportunities in Govt Entrance exams and competitive exams was held, featuring Mr. Shyam Askar, Director of a renowned MPSC career academy in Amravati. The lecture proved to be a highly informative and beneficial session for the students, as Mr. Askar shared his life experiences and the obstacles he faced while also providing guidance on career opportunities in the future.

Mr. Askar encouraged the students to appear for various competitive exams in order to excel in the career of their interest. The lecture was attended by final year and third year students, who gained valuable insights into the opportunities available to them.

The event was made possible thanks to the guidance of HoD Prof. S. W. Thakare and the hard work of the student coordinators of the civil engineering department. We are grateful for their efforts in organizing such a valuable and engaging guest lecture.



It has a maximum speed of 40kmph and features an AFCO suspension that provides a 350mm ground clearance with 254mm. The rear of the vehicle is equipped with a trailing arm that mounts the suspension and wheel assembly connected with the chassis. The ATV is powered by a 120Ah battery pack with a built-in Bluetooth module and has a maximum runtime of hours after a 4-hour charge. The PMSM motor used in the powertrain has a nominal power of 5kW and peak power of 7kW, with a nominal torque of 27Nm and peak of 70Nm with 4200rpm of no-load speed. It is controlled by the PMSM controller, which is equipped with other GLV components like RTDS, Reverse Alarm, Reverse light, and TSAL. The power from the motor is transmitted to the wheels via axles and a 2-stage gearbox with an overall ratio of 10.8:1. The vehicle has an inboard braking system in the rear, which uses hydraulic brakes. Air cooling is provided for cooling the battery and motor. The chassis of the RGX-01 has an Anti-Squat and Anti-Dive geometry, which helps in its dynamic performance. Overall, the vehicle's design is according to the BAJA rulebook to increase its off-road performance against different obstacles.



realme Shot by Abhishek



Mechanical Department



SAE INDIA COLLEGIATE CLUB OF GCOEA

Team GCOEA participated in the E-BAJA category of the 2023 BAJA competition with their first ever E-ATV called RGX-01. The vehicle has a battery pack, PMSM controller, and PMSM electric motor as its powertrain.



GUIDANCE SESSION

On April 25th, 2023, an Interactive Lecture was organized by the Mechanical Engineers Students Association with the permission of the respected Head of Department, **Dr. R.S. Dalu**, and the assistance of the Faculty Incharge, **Prof. N.D. Solanki**, from the Department of Mechanical Engineering. The lecture focused on providing guidance to the students regarding placements in both IT and Core companies. The senior students shared their experiences and valuable insights on the importance of internships in the corporate sector. They also highlighted the significance of major projects in solving various societal problems.



The event featured speakers such as Amit Kendre, Kishan Chaudhary, Dyaneshwar Yele, and Gaurang Shilledar.

The primary objective of the lecture was to equip students with the necessary guidance and direct them towards their respective career goals. The speakers delved into the advantages of pursuing internships in IT and Core companies, providing detailed information on the procedure to secure internships in reputed organizations. They emphasized the importance of developing skillsets and staying updated with industry requirements. Furthermore, the lecture touched upon various competitive exams like CAT, GATE, and others, providing basic information about these exams. It aimed to broaden the students' understanding of the opportunities available to them in terms of placements, internships, and major projects. The session was attended by students from the first, second, and third year, and it proved to be a knowledge-packed and energetic event. The students gained valuable insights into the opportunities available to them and received guidance on how to make the most of their academic journey.



Electrical Department

VIDYUT TROPHY

The VIDYUT TROPHY was organized by the EESA students on 10th December 2022 and 11th December 2022, under the guidance of **Dr. R.B. Sharma**, faculty coordinator. This was the first time the Vidyut trophy was organized and it will continue in the future. The motto was to encourage students to move away from social media and work in a team. The event was held in the Entc department and was open to students from 1st to 4th year of electrical engineering.



The program began with the inauguration by **Dr. R.B. Sharma**, faculty coordinator on 10th December in the morning, followed by badminton and box cricket. The next day, tug of war and Lagori were held. The prize distribution program was held on 12th December 2022 in the presence of **HOD Dr. G.A. Dhomne and Dr. P.P. Bedekar** at cr-ee104 (entc department).

The program had the following outcomes:

- Teamwork:
- To understand the roles and responsibilities of each team member.
- The process of working with a group of people to achieve a common goal.
- Reducing the use of social media:
- Nowadays, social media is a popular tool for sharing information, but youths tend to overuse it and waste time that could be spent reading books or playing outdoor sports.
- Encouraging participation in outdoor sports:
- Exercising outdoors is not only good for physical health but also improves mental health.
- Spending time in nature and natural light can improve mood and reduce stress and depression.



NATIONAL YOUTH'S DAY CONTEST

On the occasion of National Youth Day, Institute of Engineers students chapter team of Electronics and Telecommunication department conducted a competition for the students of 1st, 2nd and 3rd Year named 'YOUNIVERSE' in ET 10 classroom at 3:00 pm.

The competition started with the selection of teams. Each team consisted of 67 members with equal representation of all years. The 1st round was 'Quiz Mania' in which questions from varied genre including the life of Swami Vivekanand as well as on historic audio-pictures were asked. After this round 2 teams were eliminated. The 2nd Round had some fun games including 'Dialogue-Charades' and 'One-minute talk'.



Prof. S. J. Meshram cheered the students by joining this round and appreciated the efforts of students. Students enjoyed this game. After this round 1 team was eliminated. The Final Round consisted of 'Hint Hunt' in which students had to search for the hidden treasure and a 3-legged race. The team which completed the task in least time was declared the winners- Team "Takshira". While team "Shreshtha" stood as the Runner up and team "Vidhardta" was the second runner up.

The program was hosted by Vaibhav Thakrani, Radhika Bakare, Sarthak Khandagale, Abhishek Patwardhan from Final Year. Management was done by Chinmay Pande, Prathmesh Bhonkhade, Krunal Chulbulkar from Final Year. Overall, the students enjoyed the competition throughout.

This entire competition was successful due to countless efforts of IE faculty Incharge Prof. Neha Pardeshi and the IE students chapter team

TECHNICAL TREASURE HUNT

Tech with some fun, another quirky activity under the name 'Technical Treasure Hunt' was accomplished by ETAS GCOEA. ETAS arranged a technical treasure hunt which involved a variety of domains for one's overall development. This event was attended by the students from all years of the department. The event was open for all the students from the department and an auction similar to IPL took place on 17/12/2022 for the selection of the players. The final year students were the owners of 8 teams. After this the teams were formed which consisted of 3 compulsory girl members in each team. And the team also included an equal number of players from respective year's.



This helped to strengthen the teamwork qualities. Technical treasure hunt was conducted within the area around the Electronics and Telecommunication department. In the technical hunt various activities like Picture Perception, Coordinates Round, Clues with their hints and the last one was Circuit Designing round. One team were eliminated as the round goes on. Team elimination criteria was on the basis of time they took to find the answer. The following were the 8 teams : Team Amplifier, Team Optical Delusion, Team Electrostromers ,Team Tech pirates, Team MOSFET,Team Silicon, Team Lambda,Team X Mobility. The winning team was Team Tech Pirates which was owned by Raghunandan Charkha and captain was Rohit Keole. Runner up team was Team Optical Delusion. Respective team owners and team leader showed excellent teamwork with their team members. It was organized by Sarthak Khandagale, Vaibhav Thakrani and team. Under their guidance and planning it was one of the most outstanding activities brought up by ETAS.



FELICITATION PROGRAM FOR WINNERS OF TECHNICAL TREASURE HUNT

On this day, a new page was added in the history of ETAS. ETAS held a felicitation programme for the winners of 'Technical Treasure Hunt ' which was conducted on 18/01/2023. The event was attended by the Students from all years of department. This occasion took place at ET11 of department at 3:00 pm. Chief guest were honorable HOD Sir Mr. **P.R.Deshmukh** along with the respected **Mr.D.V.Rojatkar** Sir and **Radhika Harne** Madam. Programme was hosted by Miss Sakshi Sinha (2nd year EXTC). She educated the audience with the information about 'Technical Treasure Hunt ' . Total 8 teams participated in this Technical Treasure Hunt along with its owner and captain. The teams were as follows Team Amplifier, Team Optical Delusion, Team Electrostromers ,Team Tech pirates, Team MOSFET,Team Silicon, Team Lambda,Team X Mobility. The winning team was Team Tech Pirates which was owned by Raghunandan Charkha and captain was Rohit Keole. The members of winning team were felicitated by HOD Sir **Mr.P.R.Deshmukh** accompanied by respected **Mr.D.V.Rojatkar** Sir and **Radhika Harne** Mam. The winning team received prize money and gold medal. On the other hand ,runner up team -Team Optical Delusion were offered a bouquet as a token of appreciation.



HOD Sir **Mr.P.R.Deshmukh** enlightened audience with their views regarding ETAS activities. **Mr.D.V.Rojatkar** Sir also told importance of such extra curricular activities in the academic sessions . **Radhika Harne** mam appreciated the efforts of those who were directly and indirectly involved in making the Technical Treasure Hunt successful. Further, everyone watched the glimpse of the Technical Treasure Hunt which was displayed on the digital board. This entire event was viable due to countless efforts of **Vaibhav Thakrani** **Sarthak Khandagale** and **Prathamesh Bhonkade** his fellow Students. The event was concluded with a huge round of applause.



SHAURYA TROPHY

Etas (electronics and telecommunication association of students) conducted shaurya trophy to energize and give break form all the burden of study. The event was conducted from 14th dec to 16th dec.



The atmosphere was full of enthusiasm after the announcement of the event. Students, as well as teachers, showed active participation in each of the events. Shaurya trophy mainly consisted of five sports listed as follows: Badminton, lagori, tug of war, chess, and box cricket.



Day 1 (14th December)

The inauguration of shaurya trophy took place with box cricket. Each year had two teams containing 7 players in one team.

Dr. D. V. Rojatkar sir and **prof. A. M. Shah sir** also played cricket with great energy. Matches between students started after these matches. There were knockout matches so competition was quite tough the final match was in between 3rd and 4th yr. The winner of box-cricket was 4th year.

Day 2 (15th December)

On the second day of shaurya trophy lagori took place. There were 2 teams from each year containing 8 players with 5 girls and 3 boys. All the matches took place successfully. There was a tie between 1st and 2nd yr team. The winner of lagori was 3rd year team and runner up was 1st year team. Each team gave impactful performance.

Day 3 (16th December)

On the 3rd day of the shaurya trophy the events like badminton, chess and tug of war took place. There were 2 teams from each year containing doubles who played the badminton. There were chess matches too on the same day conducted in the department. The winner of chess was from 3rd year. At the end of the day, there was a heavy competition of tug of war between all the teams. There was a lot of energy. The final was between 3rd year and 4th year. The winner of tug of war was team from 3rd year.



The shaurya trophy was successfully conducted under the guidance of **Dr. P. R. Deshmukh** (hod extc), **prof. Radhika harne** (etas faculty in-charge) and **Sarthak Khandagale** (overall etas convenor). It was not possible without the active participation of each batch of extc, especially from the 1st year and 2nd students. They also helped in arranging the equipments that were necessary during each game.



In today's world, electronics engineering is a field that is constantly evolving and advancing. As technology continues to develop at an astonishing rate, so do the applications of electronics engineering. In this article, we will explore some of the most recent developments in electronics engineering and the impact they are having on the world.

One of the most exciting developments in electronics engineering is the rise of the Internet of Things (IoT). IoT refers to the network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, and network connectivity, which enables these objects to connect and exchange data.



SOLUTION CHALLENGE EVENT

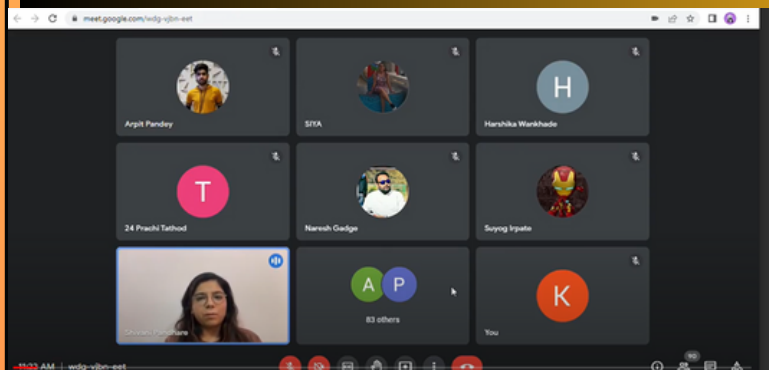
The Google Developer Student Club (GDSC) chapter at GCOEA conducted an introductory session on the Solution Challenge, a global hackathon for GDSC students worldwide. The session, held online on January 14, 2023, aimed to acquaint GDSC GCOEA students with the competition and its requirements. The participants were informed about the eligibility criteria, team formation guidelines, and the focus on the United Nations' 17 Sustainable Development Goals. The host provided detailed information on how to build and submit a project, including the topics to be covered. The session concluded with a Q&A session to address any queries. Overall, the introductory session successfully provided GDSC GCOEA students with the necessary information and insights to participate in the Solution Challenge.

COLOUR COAT HOLDERS

In the academic year 2022-23, the Student of CSE Department Miss Mansi Shirbhate won a University color coat in Chess. She demonstrated her exceptional skills and had an outstanding performance in the field. She also represented Amravati University in the West Zone Inter University Chess Tournament held at Bhopal. Amravati University team achieved 5th position among the 45 participating teams.

"WIPRO TO GOOGLE" BY SHIVANI PANDHARE

On 22nd January, 2023, the Google Developer Student Club (GDSC) of GCOEA organized an expert lecture on the topic "Journey from Wipro to Google" by Shivani Pandhare, a Cloud Data Engineer at Google. The event was held online on Google Meet. Mahi Sagani, a student coordinator, served as the anchor for the event, and Professor Naresh Gadge was the faculty coordinator. The event started with Professor Gadge welcoming Shivani Pandhare as the guest speaker for the day. Shivani shared her journey from her college life to her selection at Wipro. She talked about her interest in coding and how she pursued her passion despite facing several challenges. She emphasized the importance of following one's passion and finding a domain that is fit for them. Shivani also talked about the various rounds in interviews and how to tackle each round. She provided valuable insights on how to prepare for Google interviews, how to apply for a job at Google, and shared her own journey of getting hired by Google. The lecture was insightful and informative, and the attendees gained valuable knowledge on the selection process and the work culture at Google. The event was also interactive, with attendees asking questions and engaging in discussions with Shivani. Mahi Sagani did an excellent job of moderating the event and keeping the audience engaged throughout the session. In conclusion, the expert lecture by Shivani Pandhare on "Journey from Wipro to Google" was a great success, and the attendees gained valuable insights on how to prepare for interviews and pursue their passion. The GDSC GCOEA team is grateful to Shivani Pandhare for taking the time to share her experiences and insights with the attendees. We look forward to more such events in the future.





INTRODUCTION TO FLUTTER AND DART

The session began with an introduction by Alumnus Speaker, Karan Kharode Sir, who has a great interest and experience in Flutter development. Sir provided a brief overview of the Dart Language and highlighted its scope in today's technological era. Additionally, he explained Flutter as a multi-platform framework, both theoretically and practically.

Sir emphasized that Flutter framework excels in providing an excellent platform-independent solution for building mobile applications. Its development process is simplified, resulting in high-performance mobile applications with rich and relevant user interfaces for Android and iOS platforms. He expressed confidence that Flutter will enable numerous new developers to create feature-rich, high-performance mobile applications in the future.

The session concluded with a Question and Answer session, where students had the opportunity to clarify their doubts. This session was particularly beneficial for those who were new to this field. Overall, the session was informative and explanatory, providing us with valuable insights to further enhance our learning.

EXPERT SESSION

Department of Information Technology at Government College of Engineering, Amravati organized an Expert Session on March 23, 2023, under the guidance of Prof. A. W. Bhade, the Head of the Department. The session aimed to provide guidance to IT Department students on various aspects of the software industry and its workings.

The session began with a warm welcome to the expert, Er. Ashish Daga, by Prof. A. W. Bhade in the IT-120 classroom. The program was hosted by Mr. Jaydeep Gedam, a 3rd-year IT student. Er. Ashish Daga, an alumnus of the 2008 batch of Government College of Engineering, currently holds the position of Oracle APPS Technofunctional Developer at Leviton.

During the session, Er. Ashish Daga shared his valuable work experiences with the students and provided guidance for their future endeavors in the software industry. He specifically focused on explaining the workings of the supply chain in the software industry, emphasizing the two main aspects: development and support. Students actively participated in a question and answer session, where Er. Daga addressed each query raised by the students.

The session commenced at 12:30 pm and continued for one and a half hours. It concluded on a successful note, leaving the participants with enriched knowledge and insights into the software industry. The event provided a platform for students to interact with an industry expert and gain valuable guidance for their career paths.

We extend our gratitude to Er. Ashish Daga for sharing his expertise and experiences, and to Prof. A. W. Bhade for his guidance and support in organizing this informative session.

INTRODUCTION TO FLUTTER AND DART



LET'S TALK ABOUT TECHNOLOGY

Karan Kharode

Batch 2018-2022

16 Jan 2023

7:00 PM

- INTERN AT SAMSUNG
- LEAD FRONTEND ENGINEER AT ZAPIT.IO

SAMSUNG

zapit
The Universal Payment App

* THIS IS A GREAT OPPORTUNITY TO LEARN ABOUT THE LATEST TECHNOLOGY IN MOBILE APP DEVELOPMENT AND GAIN INSIGHTS FROM A PROFESSIONAL IN THE INDUSTRY *



PROJECT GUIDANCE



An event was conducted on 01 April, 2023 in Government College of Engineering, Amravati in Department of Information Technology under the guidance of respected HoD Prof. A.W. Bhade ma'am.

The program commenced by welcoming the speaker Prof. Vaishali Gaidhane ma'am (Alumni of Gcoea 2001 Batch) currently working in Datta Meghe College of Engineering, Navi Mumbai in IT department in IT-120 classroom.

Structured Mentoring is an initiative taken by alumni of our college Prof. Vaishali Gaidhane and Prof. A. W. Bhade, Head IT for students of CS and IT students, it is a continuous process. Under structured mentoring the students were guided for choosing their minor projects by Prof. Gaidhane. The students of 3rd year IT also represented their project ideas and got feedback for their improvement.

The program was concluded and was a grand success.

OVERSKILL GAMING COMPETITION

The Overskill Gaming Competition organized by the Information Technology department of Government College of Engineering, Amravati was a two-day event that brought together the best gamers from the city for a thrilling gaming experience. The event was part of the annual tech fest called Prajwalan and was successfully organized by the Prajwalan co-ordinators **Prof. S.R. Wankhade** and **Prof. K.N. Tayade**, and faculty coordinator **Dr. P.B. Ambhore** (Assistant Professor).

On the second day, the final round of the competition was conducted from 11 am to 2 pm, which was the most intense and exciting round of the competition. The winning team consisted of members Jaideep Wankhade (SKNCOE, Pune), Tejaboy (Sardar Patel), Prashad Aherkar (VNIT Nagpur), Kanishka Rajhans (VNIT Nagpur), Tejas Sahu (SPSDK Science), and was awarded a prize money of Rs. 5000 along with certificates. The runners-up team consisted of members Saptak Chawode, Shantanu Hiwanj, Aniket Hinge, Abimanyu Hing, and Vishnu Mahajan, from HVPM COET, and was awarded a prize money of Rs. 2000 along with certificates. The competition was a huge success, and the organizers received positive feedback from the participants and the audience. They promised to make the event even bigger and better in the future. Overall, the Overkill Gaming Competition was a great platform for gaming enthusiasts to showcase their talent and passion for gaming.

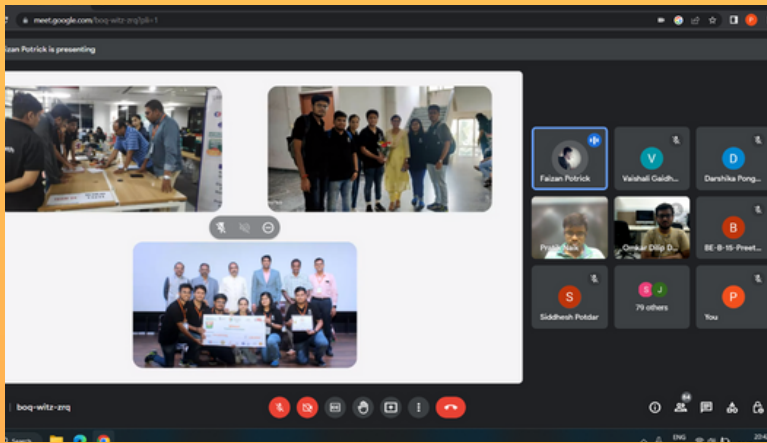


ORIENTATION SESSION

SMART INDIA HACKATHON

A guest lecture on career opportunities in government entrance exams and competitive exams was held on 17/04/2023 at the Civil Engineering department. The lecture was delivered by **Mr. Shyam Askar**, Director of a renowned MPSC career academy in Amravati. During the lecture, he shared his life experiences and obstacles and guided the students. On 14 January 2023, the Department of Information Technology at Government College of Engineering, Amravati organized an event under the guidance of

HoD Prof. A.W. Bhade. The event welcomed **Prof. Vaishali Gaidhane**, an alumni of GCOEA's 2001 batch, who is currently working in Datta Meghe College of Engineering, Navi Mumbai. Students from IT department at Datta Meghe College of Engineering, Navi Mumbai who were winners of SIH 2020 and SIH 2022 were also present along with the students from GCOEA in the IT-120 classroom.



The session focused on **Smart India Hackathon** orientation where **Prof. Vaishali Gaidhane** guided the students and made them aware of the structure and procedure for SIH, and the opportunities provided by it. The session also included a brief discussion on participation in SIH, and winners of previous year's SIH shared their experiences and guided students for active participation.

The objectives of the session were to make students ready for Smart India Hackathon, motivate them to actively participate in SIH and different coding competitions and hackathons, and guide them for different opportunities provided by various platforms. The program continued for two hours and concluded with a vote of thanks by **Mr. Piyush Nimbokar** from 3rd Year IT. The event was a grand success.

about the career opportunities in the future. He encouraged the students, particularly the final and third-year students, to appear for various competitive exams to excel in the career of their interest. The session was informative and helpful for all the students. The guidance of **HoD Prof. S. W. Thakare** and student coordinators of the Civil Engineering department was crucial in making this event possible.

INTRODUCTION TO INDUSTRIAL INTERNET OF THINGS

The Government College of Engineering, Amravati, in collaboration with two industrial partners, **Divy IT Solutions, Pune, and Sensital Pvt. Ltd. Australia**, organized a one-week student development program on Industrial Internet of Things (IIoT). The program aimed to provide a comprehensive understanding of IIoT to students and was scheduled from 7th January to 11th January 2023. **The program was attended by 65 students from various colleges, including Government Polytechnic, Amravati, Sipna College of Engineering and Technology, Amravati, P. R. Pote Patil College of Engineering and Management, Amravati, Nalanda Industrial Training Institute, Amravati, Government ITI and Prof. Ram Meghe College of Engineering and Management, Amravati.** The total revenue generated was 55 thousand.

The program included theoretical sessions covering topics such as Introduction to IIoT, Introduction to Sensors, Arduino and Arduino IDE, Programming with Arduino, Wiring and Interfacing, IOT Enabling, and Map out of PLC. The hands-on training sessions included Smart Home, Raspberry Pi, and PLC Trainers. The expert faculty for the program was **Er. Rohit Bhanushali Sir**, who has extensive experience in IIoT and has worked on various IIoT projects. The convenors of the program were **Dr. P. B. Ambhore Sir**, Incharge Centre of Excellence in IIoT, GCOE Amravati, and **Prof. A. W. Bhade Ma'am**, HOD IT Dept., GCOE Amravati.

On the last day of the program, a valedictory session was taken, where certificates were distributed among the participants to acknowledge their successful completion of the program. **Dr. P. B. Ambhore Sir** gave a vote of thanks to everyone who contributed to the success of the program, including **Dr. A. M. Mahalle Sir, Er. Rohit Bhanushali Sir, Prof. A. W. Bhade Ma'am**, the other faculties, and the students who participated in the program.

In conclusion, the one-week student development program on IIoT organized by Government College of Engineering, Amravati, was a great success. The program covered a wide range of topics, which helped students to gain a comprehensive understanding of IIoT and its applications. The expert faculty played a crucial role in making the program a success. The hands-on training sessions provided students with an opportunity to apply their knowledge practically, which is essential for understanding IIoT devices.



COMPETITIONS

INNOV -A -THON

The Innov-a-thon was one of the events organized by the IT department during Prajwalan 2K23. The hackathon aimed to gather talented individuals to develop innovative solutions for real-world problems. It was successfully organized by **Prof. S.R. Wankhade, Prof. K.N. Tayade, and Prof. D.R. Uike**. The event took place in the IT-120 classroom and began with an inauguration ceremony attended by various dignitaries, including **Prof. A.W. Bhade**. The competition involved PPT submissions based on pre-revealed problem statements. Seven teams participated, including three from the IT department. Each team had a fixed time slot of 15 minutes to present their PPTs. The submissions were judged based on design, originality, technical requirements, target audience, and creativity. The competition also included a challenging questionnaire round. Team HT04, consisting of **Bhavesh M. Chaudhari, Jaydeep N. Gedam, and Sakshi R. Khadilkar**, secured the first position and received a prize of Rs. 5000. Team HT03, comprising **Sahil Fulmali and Radha Ilmulwar**, became the runner-up and received a prize of Rs. 2000. The event provided a platform for showcasing talent, promoting industrial exposure, and emphasizing the importance of innovation in education.



INSTRUMENTATION DEPARTMENT

THE GIRL'S BASKETBALL CHAMPIONS

In an electrifying display of skill and determination, **the girls basketball team of Instrumentation Department, GCoEA** emerged victorious, capturing the coveted championship trophy of KCT 2k23. Through relentless teamwork, precise plays, and unwavering spirit, they conquered their opponents. This triumph is a testament to their dedication, hard work, and love for the game.

In the academic year 2022-23, 2 students of Instrumentation Department were able to secure the prestigious Colour coat in 2 sports. **Sakshi Prakash Kalaskar** of Instrumentation 3rd year got the **Colour Coat in Gymnastics** and **Raj Umathe** of Instrumentation 3rd year got the Colour coat in **Swimming**.



MOBILE MAYHEM

The Departmental Events team of Instrumentation Department had organized a mobile gaming tournament for the local colleges in Amravati. The Tournament consisted of a full blown setup attempting to replicate an actual esports tournament. The tournament consisted of 3 matches played between 10 teams from local colleges. Game Played was Battlegrounds Mobile India (BGMI).



DIPEX 2023

DIPEX, a state level exhibition was held at Sipna College of Engineering Amravati from 7th – 9th April 2023. DIPEX has multiple categories for the participants to develop their projects and compete in a particular niche e.g., Agriculture, Industrial Automation, etc. With over 1000 participants and 300+ projects from all over the state of Maharashtra displaying numerous projects in each category, the competition becomes fierce, to win this competition it takes a lot of skill and knowledge about ones field of study and interest. This year 3 teams from Instrumentation Department, GCoEA went with their projects with 2 of those in Industrial Automation Category and 1 in Agriculture Category and were able to successfully win in the Industrial Automation category with the **Automated Ration Distribution System** amongst 30+ projects from all over the state of Maharashtra. Team members Swaroopraj Panzade, Gouri Wanode, Pratik Bangadkar and Sarthak Raut made **The Automated Ration Distribution System** under the guidance of **Prof. H. P. Rewatkar**. Different aspects of the project were evenly distributed amongst the 4 team members, Sarthak Raut has worked upon the Software based part and did the programming for the project, on the other hand Pratik Bangadkar worked upon the Structure and look of the the project with inputs from the other three teammates. Swaroopraj Panzade and Gouri Wanode handled the electronics' aspect of the project. All the credit goes to their teamwork, coordination and the spirit they put into their work for winning at DIPEX 2023.

STUDENTS'S COUNCIL

FELICITATION OF CLASS REPRESENTATIVES AND STUDENTS'S COUNCIL

Date: 18/04/23

Venue: Civil A.V. Hall

The Felicitation of the Student's Council was witnessed by the felicitation of Students Coordinators and the Academic Council and the Core team of the college for their active participation in organizing the college events.



The session was conducted for the Felicitation of Class Representatives of the final year. The academic session of the final year students has come to an end and to appreciate them for their hard work and dedication throughout the session.

The session started with welcoming our Honourable Principal Dr. A. M. Mahalle and then they shared their guidance with students. The program then proceeded with our Institute Representative Maahi Sagani sharing with us the previous works of the Student's Council after which the Felicitation program was started with appreciating Maahi Sagani with a Certificate of Appreciation and a Memento for her work as the Institute Representative which was followed by felicitation of class representatives were then individually called onto the stage and awarded the certificate of appreciation by Principal Sir.

STUDENTS EXTRA CURRICULAR

<p>MADHURIKA ANANT DHATRAK</p>	<p>21 -APRIL- 2023</p>	<p>3RD YEAR CIVIL ENGINEERING</p>	<ul style="list-style-type: none"> • "ACHIEVED 3RD PRIZE IN CLASSICAL DANCE SOLO IN YOUTH FESTIVAL 2022-23. • SELECTED FOR COLOUR COAT FROM FOLK DANCE CATEGORY IN THE TEAM OF SGBAU. • PERFORMED AT 18TH MAHARASHTRA STATE INTER UNIVERSITY YOUTH FESTIVAL 2022-23 'INDRADHANUSHYA' IN FOLK DANCE AND FOLK ORCHESTRA WHICH WAS ORGANISED BY MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI. • PERFORMED AT 36TH INTER UNIVERSITY WEST ZONE YOUTH FESTIVAL IN FOLK DANCE WHICH WAS ORGANISED BY GANPAT UNIVERSITY GUJARAT, INDIA. 2022-23."
<p>SWAROOPRAJ RAMDAS PANZADE GOURI SANJAY WANODE PRATIK NARAYAN BANGADKAR SARTHAK DEEPAK RAUT</p>	<p>26 APRIL 2023</p>	<p>ALL FOUR - BRANCH INSTRUMENTATION ENGG , YEAR - FINAL YEAR</p>	<ul style="list-style-type: none"> • DIPEX 2023, STATE LEVEL COMPETITION OF WORKING MODELS FOR MAHARASHTRA AND GOA STUDENTS.
<p>RAM GHIYA SHIVAM GOLLIWAR AMEYA BHAGWAT SANKET DUDHMANDE</p>	<p>5 MAY 2023</p>	<p>IT - 3RD YEAR</p>	<p>OUR TEAM HAD THE WONDERFUL OPPORTUNITY TO SHOWCASE OUR INNOVATIVE MODEL AT THE ECOTHON-A VIDARBHA LEVEL HACKATHON ORGANIZED BY SIPNA COET, FOCUSING ON RENEWABLE/SUSTAINABLE ENERGY. OUR TEAM ACHIEVED THE DISTINCTION OF BEING THE 2ND RUNNER-UP OUT OF 35 COMPETING TEAMS IN THIS COMPETITION. WE ARE THRILLED TO SHARE THAT WE WON A PRIZE OF RS 10,000 FOR OUR HARD WORK AND DEDICATION TOWARDS THIS CRITICAL FIELD. THIS RECOGNITION MEANS A LOT TO US AND MOTIVATES US TO CONTINUE OUR EFFORTS TOWARDS SUSTAINABLE ENERGY RESEARCH.</p>
<p>VEDANSHU SUTE</p>	<p>28 APRIL 2023</p>	<p>MECHANICAL (1ST YEAR)</p>	<ul style="list-style-type: none"> • "FEB:-MUDLIYAR OF GCOEA. (WINNER-SPELL BEE,RUNNER UP-EXTEMPORE). • MARCH:-SIEMENS SCHOLAR(RECIPIENT OF SCHOLARSHIP BY MNC CONGLOMERATE SIEMENS)."
<p>MANSI SHIRBHATE</p>	<p>11 FEB 2023</p>	<p>CSE (3RD YEAR)</p>	<ul style="list-style-type: none"> • UNIVERSITY COLOR COAT HOLDER • REPRESENTED AMRAVATI UNIVERSITY IN WEST ZONE INTER UNIVERSITY CHESS TOURNAMENT

EXPERT LECTURE

Smart Power Transmission System Expert lecture was organized by the ISTE Students. An Expert lecture on Smart Power Transmission System was organized on 06 April 2023 at Civil AV Hall. The objective of this lecture was to provide insights into the latest trends and advancements in power transmission systems and how they are transforming the way electricity is distributed and utilized. The event was organized by ISTE Students under Guidance of **Dr. R. B. Sharma** Sir and was attended by II Year and III Year Students of Electrical Engineering Department.

The keynote speaker for the lecture was **Dr. Shekhar Kelapure** Sir, who is an expert in the field of power systems. He shared his insights on the latest developments in smart power transmission systems, including the use of advanced technologies to improve the reliability, efficiency.

Program Outcomes:

- Introduction to Smart Grid Technology
- Components of a Smart Grid
- Advanced Metering Infrastructure (AMI)
- Distribution Automation
- Demand Response
- Advanced Sensing and Control Systems
- Communication Technologies



The speaker explained each topic in detail and provided real-world examples.

A Q&A session was held at the end of the lecture, where participants were given the opportunity to ask questions and clarify their doubts on the topics.

The lecture on Smart Power Transmission System was a great success, providing participants with valuable insights into the latest developments in power transmission technologies. The event was well-received by the participants, who appreciated the opportunity to learn from an expert in the field. The lecture concluded with a vote of thanks to the Expert speaker and the organizing team for their efforts in organizing such an informative and insightful event.

EVENT REPORT OF A CRISS CROSS PUZZLE COMPETITION

Conducted by IE (Computer Science and Engineering Department)

ü Date : 16th Jan 2023 to 21st Jan 2023

On the 3rd week of January, the department of IE (CSE) of the Government college of engineering, Amravati conducted the intra-college criss-cross puzzle competition from 16th Jan 2023 to 21st Jan 2023.

The hosts of the event were

1. Mahi Sagani (4th year CSE)
2. Abhay Hasrani (4th year CSE)
3. Arti Manputra (3rd year CSE)
4. Rushikesh Dhore (3rd year CSE)

Participants were invited from first year to fourth year of all the branches from Government College of Engineering Amravati. For registration of this puzzle, a Google form was circulated amongst all the eligible students of GCOEA. The participants have to design a puzzle of 25 words. They have to subject from their curriculum and a particular topic in that subject. For example, CSE students can choose the subject data structures and algorithms and the topic can be linked list. The participants have to create a puzzle-on-puzzle maker (puzzlemaker.discoveryeducation.com). After creating a puzzle, they have to submit it on mail id ie.cse@gcoea.ac.in. Judgement has been done by the subject expert considering the complexity and difficulty level of puzzle.

By the support of all the faculty members and students of the college the event is successfully conducted. Cash Prizes to the winners of this quiz will be provided by the college



WOMENS GRIVEINCE CELL GCOEA

SESSION ON WOMEN EMPOWERMENT



Date : 27 April 2023

Venue : Civil AV Hall

Speaker : **Ms. Poonam Patil**

Assistant Commisioner of Police , Gadge Nagar Area , Amravati .

This session had been conducted for All girl students to make them aware of security measures and prevention against sexual harassment. In an attempt to promote well being and to promote dignity of women at workplace which is seems to be criminal offence and violation of human rights standards.



The first question that Poonam Patil mam asks is what kind of laws exist to ensure the safety of women? In response to this question, quite a few of the girls replied with information they knew about such as workplace laws, poxo movement, etc. It was quite interesting to listen to this talk since the maam gave a glimpse into how many crimes were committed against women every single day. Staying alert and securing ourself is the best way to avoid this. A number of crimes have been committed against women, including sexual harassment, molestation, rape, blackmail, stalking, torching, domestic violence, kidnapping, and abduction. She told that every woman should look after herself and be brave enough to stand up in the face of crime . If you will not go against any crime held against you if you won't stand for your rights, then you will inspire criminals. A lot of women do not even know that there are laws and rules created to keep them from being victimized by such acts. The place where we are all lagging is in our political awareness and alertness. We should be politically aware of what is happening in our society. We should have an idea what is going on in our society .



LASTLY, SHE OUTLINED THREE RULES WOMEN SHOULD FOLLOW :

- 1) THE SAFETY OF YOUR PRIVATE INFORMATION IS OF THE UTMOST IMPORTANCE TO YOU. YOU CANNOT TRUST VIRTUALLY ANYONE WITH YOUR PERSONAL INFORMATION.**
- 2) BE AWARE OF CURRENT EVENTS AND STAND UP FOR YOUR RIGHTS IF YOU ARE NOT READY TO BE AGAINST IT THEN NO ONE ELSE WILL BE .**
- 3) IT IS SUGGESTED THAT IF YOU HAVE A PROBLEM OR SITUATION THAT YOU NEED SOME TEMPORARY RELIEF, ASK YOUR BEST FRIEND FOR ADVICE, OR MAKE SURE TO SHARE IT WITH SOMEONE WHO IS MATURE ENOUGH TO SUPPORT YOU.**



NATIONAL SERVICE SCHEME (NSS)



BLOOD DONATION CAMP

The NSS unit of Government College of Engineering Amravati organized a successful blood donation camp on 13th April at the Workshop Hall. With assistance from Dr. Panjabrao Deshmukh Memorial Medical College, Amravati, 92 people donated blood, which will help in saving many lives. The event was inaugurated by the Principal, **Prof. A. M. Mahalle**, and received a positive response from students and staff members. NSS volunteers helped in the registration and medical history checks of donors, and refreshments were provided after the donation. The blood donation camp played a crucial role in creating awareness about the importance of blood donation and encouraging more people to donate blood. The support of the medical team was greatly appreciated.



A ROLE MODEL FOR YOUTH

On January 12th, 2023, the National Service Scheme (NSS) Unit of Government College of Engineering Amravati organized a highly enlightening and thought-provoking program on the topic of "A Role Model for the Youth." The program was held at the

Civil AV Hall of the college to commemorate Rajmata Jijau Jayanti and National Youth Day, which also marked the birth anniversary of Swami Vivekananda. The event was presided over by the

esteemed Principal, **Dr. A. Mahalle** Sir, NSS Faculty Incharge **Prof. T. C. Bhagat** Sir, and other staff members, adding prestige and importance to the occasion. The program commenced with an opening ceremony called 'Deep Prajwalan,' where a ceremonial lighting of the lamps took place in front of the photos of Swami Vivekananda and Rajmata Jijau, who are regarded as role models for the youth. This act symbolized the significance of having inspirational figures in our lives who can guide and motivate us in the right direction. During the ceremony, the Principal presented a



token of appreciation to the guest speaker, Dr. Rajesh Burange Sir, who is the Director of NSS at Sant Gadge Baba Amravati University. This gesture demonstrated gratitude for his presence and contribution to the program.

Following the 'Deep Prajwalan' ceremony, the audience was treated to an enthralling performance by a student group who sang a song titled "Ekta Swatantrata Samanta Rahe." The captivating performance left the audience in awe, with many considering it one of the highlights of the program. The song not only showcased the students' talent but also carried a deep meaning that resonated with the theme of the event. Its meaningful and inspiring lyrics set the tone for the rest of the program.



The Principal then delivered an opening speech, welcoming the guests and audience, and setting the stage for an insightful and engaging session.

He emphasized the importance of role models and how they can shape the future of the youth. The Principal highlighted the significance of the program, inspiring students to strive for personal growth and become role models for their peers and society at large. The NSS Secretary, Unnati Londhe, introduced Dr. Rajesh Burange Sir and invited him

to share his views on the topic of "A Role Model for the Youth." Dr. Rajesh Burange Sir, the esteemed Director of NSS at Sant Gadge Baba Amravati University, then took the stage and delivered a spellbinding speech. With his wealth of knowledge and experience, he captivated the audience with his insights. Dr. Burange Sir emphasized the importance of role models for the youth and how they can influence their future. He discussed the qualities and characteristics that good role models should possess and illustrated his points with personal anecdotes and examples. His speech was not only informative but also relatable, enabling the audience to understand and connect with the topic. Dr. Burange Sir also highlighted the significance of NSS, its objectives, goals, and how it benefits the community.

One of the notable features of Dr. Burange Sir's speech was his ability to engage the audience. He used simple language and relatable examples, making it easy for the listeners to understand and connect with the topic. By sharing personal experiences and insights, he added a personal touch to the program. Dr. Burange Sir proposed that the NSS Unit of Government College of Engineering, Amravati should be associated with Sant Gadge Baba Amravati University to further enhance students' leadership development, communication skills, teamwork, and problem-solving abilities.

The program concluded with the distribution of certificates to the winners and participants of the Drawing Exhibition.

BIRTH ANNIVERSARY OF NETAJI SUBHASH CHANDRA BOSE

On January 23rd, 2023, in commemoration of the birth anniversary of Netaji Subhash Chandra Bose, the IT department from Government College of Engineering visited Durga Primary School in Shirada. This activity was undertaken by the NSS unit of the college, and it aimed to raise awareness among the village school children about computers and their various functions. The visit was led by **Prof. Archana Bhade**, the HOD of the IT department, along with faculty member Prof. Seema Wankhade, and two students, Vaishnavi Lande and Gayatri Shende from the 2nd year IT.

During the visit, the children were introduced to various parts of the computer and were taught how to use the "Paint" program for drawing and perform basic writing tasks in "Word." The children displayed great enthusiasm and eagerness to learn. In order to celebrate the birth anniversary, Durga Primary School organized a small program, and

as a gesture of support, a computer set was gifted to the school to foster the children's interest in technology.

The event was attended by Prof. Bhade, the HOD of the IT department, Prof. Wankhade, faculty member, as well as the school principal, Pravin Mohare, Dr. Vivek Dakhane, Pratibha Bhovalu, and other dignitaries. The presence of these individuals demonstrated their commitment to promoting education and technological literacy among the younger generation.

Overall, the visit to Durga Primary School was a meaningful initiative that aimed to introduce and familiarize the children with computers and their functions. It provided them with an opportunity to explore the world of technology and ignited their interest in the subject. The IT department, along with the NSS unit, played a pivotal role in organizing this educational activity, leaving a positive impact on the school and its students.



NATIONAL CADET CORPS (NCC)

Republic Day (26, January, 2023)

On 26 January 2023, the NCC cadets, the faculty and the students of Government College of Engineering, Amravati had assembled in the admin garden by 7.30 AM for the Flag hoisting ceremony and celebration of 'Republic Day'. Then after everyone was ready and the chief guest, The Principal, Government College of Engineering, Amravati, **Mr. A.M.Mahalle**, arrived the Commander **Cdt. Shruti Deshmukh** received the permission to start with the ceremony. Then the chief guest hoisted the National flag, which was then followed by everyone singing the national anthem together. As the ceremony proceeded, all the cadets introduced themselves to The Principal and he congratulated the cadets for their achievements and wished luck to the first years for the upcoming events. After the introductions were over, sweets were distributed to everyone. And with that the ceremony moved closer to its end. The commander asked permission to disperse the ceremony. After the ceremony was over the **Dr. Shantanu Lohi** sir and all the cadets gifted a token of remembrance, a painting by one of the cadets to the Principal. And then everyone clicked a few photos together with the chief guest. Everything that all the cadets had invested their time practiced for, The Commander, The Pilots and everyone who was involved, was presented with great results. With that the Republic Day ceremony concluded.



Activities (story writing, eco-brick)



On 3rd, February 2023, all the cadets gathered in the admin garden to perform certain activities as per the reference from CO 8 Maharashtra BN NCC Amravati regarding competition for recycled products following is the detailed write up regarding activity undertaken by NCC cadets of Government College of Engineering Amravati. Recycling is the process of collecting and processing materials that would otherwise be thrown away as trash and turning them into new products. The recovery of energy from waste materials is often included in this concept.

Recycling is beneficial to the climate crisis in two main ways:

- 1) by limiting the number of raw materials being used.
- 2) limiting the amount of waste going into landfills.

After that the cadets did the story writing activity. Cadets were given topics and had to write a story within 5 minutes and narrate it in front of all the cadets. The topics were selected by the seniors. All the cadets wrote beautiful stories and narrated nicely.

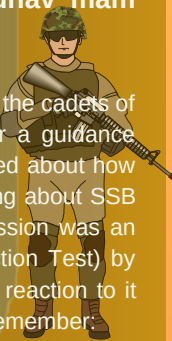


Session on "How to join Air Force?" by Namrata Jadhav mam (Flying Officer)

04 February 2023, at 1930 hrs, Flying Officer Namrata Jadhav addressed the cadets of Government College of Engineering, Amravati through online mode for a guidance session about how to join Indian Air Force. In the session mam first talked about how to prepare for CDS exam and then moved towards the SSB. While talking about SSB preparation mam also shared some of her experience of SSB. The session was an interactive session as mam gave examples about SRT (Situation Reaction Test) by giving some cadets a situation and asking them about what would their reaction to it be. There were 2 things that mam mention that everyone should always remember:

1. Your best friend will be your will power.
2. Never do anything that will ruin your family name.

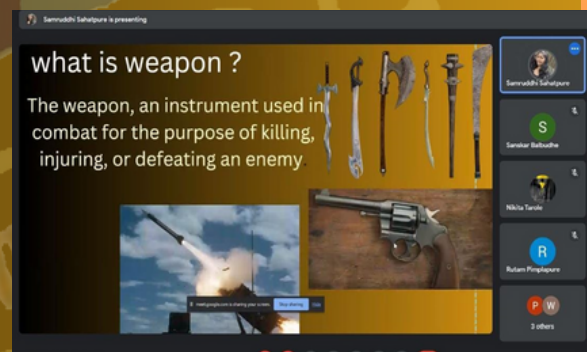
After mam finished the cadets were given time to ask her questions that they had regarding anything form written exam and SSB.



Lecturette activity

As India held the presidency for the G-20 summit 2023. Our battalion took the initiative to perform a lecturette activity on the great occasion.

According to the circular that we received from battalion we performed the lecturette activity on 23rd March at 1645hrs. 20 topics were given to the cadets and they were free to choose different topics out of those. And all the cadets were supposed to speak for 3 minutes. The activity was conducted through online mode. All cadets prepared their topics with and delivered the speeches nicely. Such activities provide cadets a good chance to present their views and also to gain confidence and increase vocabulary.





ROBOTECH FORUM



DD ROBOCON

The Robo-Tech Forum Government College of Engineering Amravati participated in DD Robocon 2023 hosted by IIT Delhi and scored 95 marks out of 100 in stage 1(31/01/2023) (Design detailed document submission)of the competition and scored 90 marks out of 100 in stage 2 (video submission of working robots)(20/04/2023).Overall score of The Robo-Tech Forum Government College of Engineering Amravati is 92/100 and All India rank is 7 out of 50 teams qualified for stage 3 (final round of DD Robocon) . The finals of the national level robotics competition (DD Robocon) will be held in Delhi on 17-18 June 2023 and it will be a live telecast on DD National channel.

All this was possible due to unwavering support and guidance by Dr. R.B.Sharma sir (faculty incharge of The Robo-Tech Forum) Aniket Yenpreddiwar (FY Extc)

, Amit kendre (FY Mech) (Mentors) and due to determination,hardwork and numerous late night brainstorming by Ayush Patorkar TY Electrical (Captain) , Piyush Kale TY Electrical (Vice captain), Kalpak Korde ,Nikhil Faye SY Mechanical (Designing and manufacturing) ,Jaydeep Borkute SY Electrical (Matlab and simulation) ,Vedant Raut SY E&TC (Electronics) and complete team Of The Robo-Tech Forum.



ART'S CLUB



Art Club GCOEA, is the creative center of Government College of Engineering, Amravati. This group is for those, who desire to find a different side of themselves by creating their own masterpiece, arts and crafts.

Art club was initiated by **Mr. Chetan Mathane** in 2014with a motto of making it possible for studentsof a technical college to have an "art-break" and enjoy to develop new skills, and refresh themselves from continuous study schedule of college, by creating something innovative. Duringthe pandemic Art Club GCOEA conducted weekly online sessions for all the enthusiast and also organized art competition via social media. These sessions were hostedby **MS.Rashmi Raut** , **MS. Shriyukta Nagpure**. Without disturbing their academicschedule, artists of Art.t Club GCOEA createamazing artworks during weekends .On 20th of Feb 2023 very first ARTADROIT was conducted after pandemic by the coordinators of Art club Lalit Gedam,Manish Mahure, Vishal Parteki, Shubham Chavan ,karan Chimote , Devyani Khande , Shubhangi Chouhan Art Club has successfully conducted Art learning sessions from many years and displayed the sketchesand art crafts in its annual exhibition ARTADROIT during tech festival PRAJAWALAN. ARTCLUB always presents something new and unseenfor all the visitors in Prajawalan. Charcoal sketches,oil painting,water color painting, stone painting,junk art, stippling, quilling, origami and lot more was exhibited togive a nice treat to the visitor'seyes. And these 8 successful years of Art Club is like a milestonefor the workingteam of Art Club.

Special thanks to our ArtClub Coordinator **PROF. NEHA PARDESI MAM** for always supporting us.



E-CELL

E- Cell Gcoea secured4th position in NEC (National Entrepreneurship Challenge) organised by E- Cell IIT Bombay. A report on securing the 4th position in the National Entrepreneurship Challenge: Introduction:

Our team participated in the NationalEntrepreneurship Challenge, which was organizedby E- Cell IITB . The challenge was aimed at identifying and promoting innovative business ideas and entrepreneurial skills among young professionals.

Participation and Preparation:

We participated in the 6 month long competition . Our team consisted of 18 members,and we worked tirelessly to perform all the tasks assigned by E- Cell IITB.

The competition had several rounds, starting with the submission of online tasks every month. We completed all the tasks up to date. We were then



selected for the next round, in which we secured 2nd position in the semi finals. After qualifying for the final round, we had to present our idea to a panelof judges, whichincluded industry expertsand successful entrepreneurs. Finally, out of 750 teams all over India, E - Cell Gcoea secured 4th position (AIR - 4) in National Entrepreneurship Challenge.

Performance:

Our team performed exceptionally well throughout the competition, and our business idea received a lot of positive feedbackfrom the judges.Our presentation was well-received, and we were able to effectively communicate our idea's value proposition and potential impact.

Results:

Our team secured the 4th position in the National Entrepreneurship Challenge, which is a testament to the hard work and dedication of all team members. The competition was extremely tough,with several innovative and promising ideas presented by other teams.Therefore, we are proud to have achieved this recognition and grateful for the opportunity to participate in such a prestigious event.Our faculty Coordinator, **Dr. R. B. Sharma** sir was quite supportive throughout the journey.





GYMKHANA COUNCIL

MUDLIYAR TROPHY

MUDLIYAR TROPHY, named after the prominent orator Sir Arcot Ramaswamy Mudliyar, an oratorical festival of GCoEA, is organised annually under the Personality Development Section of Gymkhana. All this became possible due to sincere efforts of all the organizing members and because of great guidance and support by our Faculty In-charge **Prof. M.T.Shete**, and **Secretary of Debate and Personality development Miss. Vaishnavi Vinod Wankhade**.

Continuing the tradition of finding the young orators in the institute, this year also MUDLIYAR TROPHY was organized by students' Gymkhana(P.D. Section). Stepping into its 58th year, the college witnessed cut-throat competition amongst the students of both groups

(General category and First year category) in MUDLIYAR TROPHY 2022-23. The main competition, comprising of three events, was held from 7th Feb to 13th Feb at Classroom M-1, Mechanical Department from 3:00 pm to 6 pm. We had 4 judges judging more than 150 contestants. This year the winner and 1st runner up of each of the first two events from both the categories qualified for the Questionnaire round.

To attract a greater number of students and to rejuvenate their enthusiasm for the competition, this year three new initiatives were undertaken. These were, namely, Spell Bee, Meme Creation Contest and Poetry Competition. Being open to all students and because of their simple nature, these events received very good response from the students with a total participation of more than 165 students, and were conducted under the guidance of Faculty In-charge. Winners were decided as follows on the basis of points secured as per the predefined criteria. As per the predefined criteria, Questionnaire round was the final round of the MUDLIYAR TROPHY 2022-23. The winners from each category of the Questionnaire Round were to be declared as the overall winners of the MUDLIYAR TROPHY 2022-23.

Winner in First year Category – Vedanshu Sute (MECH)

Winner in General Category – Siddhant Gawai(3th ELPO)

The prizes and certificates along with trophies were distributed to the respective persons as mentioned above.

Thus the addition of new events to MUDLIYAR TROPHY was a great boon this year. Also the online publicity of the competition proved benevolent as we opened Instagram page for timely updates of each event.



KALPANA CHAWLA TROPHY 2023



CRICKET

BOYS CRICKET

THE 2023 KCT BOYS CRICKET CUP WAS ONE OF THE BIG SPORTS EVENT HELD THIS YEAR. IT WAS PLAYED ON GCOEA CRICKET GROUND. TOTAL 300 STUDENTS INCLUDING BOYS AND GIRLS PARTICIPATED IN CRICKET SPORT. THE BOYS CRICKET MATCHES WAS CONDUCTED FROM 19 JANUARY TO 9 FEBRUARY 2023, CONTESTED BY 14 TEAMS WITH THE FORMAT OF THE TOURNAMENT EACH TEAM PLAYING 2 MATCHES IN GROUP STAGE, TOP 8 TEAMS PLAYING ELIMINATOR MATCHES AND THEN TOP 4 TEAMS QUALIFYING FOR PLAYOFFS. INFORMATION TECHNOLOGY[2/4], CIVIL ENGINEERING[2/4], MECHANICAL ENGINEERING[1/3] AND ELECTRONICS ENGINEERING[2/4] FINISHED AS TOP 4.

THE FINALE WAS PLAYED BETWEEN INFORMATION TECHNOLOGY AND CIVIL ENGINEERING ON 9TH FEB 2023, IN WHICH INFORMATION TECHNOLOGY DEPT. WON BY 5 WICKETS. MR. HARSHAD VELHAL [FINAL YEAR INFORMATION TECHNOLOGY] AWARDED WITH THE MAN OF THE TOURNAMENT AWARD FOR HIS ALL-ROUND PERFORMANCE IN THE TOURNAMENT MR. KSHITIJ TELANG [SECOND YEAR INFORMATION TECHNOLOGY] WAS DECLARED AS MAN OF THE MATCH FOR HIS BRILLIANT PERFORMANCE IN THE FINAL.

GIRLS CRICKET

THE 2023 KCT GIRLS CRICKET CUP WAS CONDUCTED IN SECOND HALF OF THE LEAGUE WHERE ALL 7 DEPARTMENTS PARTICIPATED IN THE TOURNAMENT . FINAL WAS PLAYED BETWEEN MECHANICAL AND ELECTRICAL DEPARTMENTS, IN WHICH MECHANICAL DEPT WON THE FINAL. RUTUJA CHANDIKAR WAS DECLARED AS THE WOMEN OF THE TOURNAMENT AND RUTUJA KUKADE WAS DECLARED AS THE WOMEN OF THE MAN IN THE FINALS.



FOOTBALL

TOTAL 230 STUDENTS INCLUDING BOYS AND GIRLS PARTICIPATED IN FOOTBALL SPORT. MATCHES WERE HELD FROM 19 FEBRUARY 2023 TO 16 MARCH 2023 IN WHICH TWO PHASE WERE CONDUCTED WHICH WAS MANAGED BY SECRETARY: SIDDIQUI SARMAD DARAB WASEEM AHMAD(CIVIL) AND JOINT SECRETARY: KAPIL YADAV(ENTC), LHAM CHOIKEY SERMO(CIVIL). IN FIRST PHASE, GIRLS FOOTBALL MATCHES WAS CONDUCTED FROM 19 FEBRUARY TO 28 FEBRUARY IN WHICH TOTAL 7 TEAM OF ALL DEPARTMENT HAD PARTICIPATED. IN GIRLS FOOTBALL, KNOCKOUT MATCHES WERE HELD. THE FINAL MATCH OF GIRLS WAS PLAYED ON 28 FEBRUARY BETWEEN ELECTRICAL AND INSTRUMENTATION IN WHICH ELECTRICAL DEPARTMENT HAD WON IN PENALTIES BY THE SCORE 2-1.

ON THE OTHER HAND, BOYS FOOTBALL MATCHES CONDUCTED FROM 6 MARCH TO 16 MARCH 2023. IN BOYS' FOOTBALL, THERE WERE ALSO KNOCKOUT MATCHES BUT IN THAT WE'D TAKEN IT IN TWO LEGS AND DECIDED THE RESULTS ON AGGREGATE OF GOALS SCORED IN BOTH THE LEGS. WE ALSO IMPLEMENTED THE AWAY GOALS RULE. THERE WAS A FINAL MATCH ON 16 MARCH 2023 IN BETWEEN CIVIL AND COMPUTER SCIENCE DEPARTMENT IN WHICH CIVIL DEPARTMENT HAD WON BY THE SCORE OF 5-2. IN BOYS' FOOTBALL TOURNAMENT, MR. SAARE FACHANG (FINAL YEAR CIVIL DEPT.) AWARDED AS THE PLAYER OF THE TOURNAMENT, SARMAD DARAB SIDDIQUI (FINAL YEAR CIVIL DEPT.) AWARDED AS THE "PLAYER OF THE MATCH, FINAL" AND PRANAV DAYARE (3RD YEAR CIVIL DEPT.) AWARDED AS THE "GOLDEN GLOVE (BEST GOALKEEPER)". ALL THE PLAYERS HAD PLAYED EXCEPTIONALLY WELL, SUPPORTERS ALSO ENJOYED THE MATCHES A LOT AND CHEERED THEIR TEAM WITH FULL OF DEDICATION.

IT WAS QUITE HEART-WARMING TO SEE THE PLAYERS SHOWING THEIR SKILLS AND ART OF GAME. THE SECRETARIES AND JOINT SECRETARIES WERE ALSO ENTHUSIASTIC AND VERY KEEN TO MANAGE ALL THE MATCHES OF FOOTBALL.





VOLLEYBALL

TOTAL 210 STUDENTS INCLUDING BOYS AND GIRLS PARTICIPATED IN VOLLEYBALL SPORT. ALMOST 25 MATCHES WERE CONDUCTED BETWEEN 2ND OF FEBRUARY, 23 TO 10 TH OF FEBRUARY, 23 WHICH WERE MANAGED BY HARSH NAGRALE (SECRETARY), SANKET CHORE (JOINT SECRETARY) AND SUMIT THAKUR (JOINT SECRETARY). THE FINAL MATCH OF BOYS WAS PLAYED BETWEEN CS (1ST & 3RD YEAR) AND IT (1ST & 3RD YEAR) ON 10TH OF FEBRUARY, 23 AND THE FINAL MATCH OF GIRLS WAS PLAYED BETWEEN ELECTRICAL TEAM AND ELECTRONICS & TELECOMMUNICATION TEAM ON 8TH OF FEBRUARY, 23. THE WINNER FROM BOYS AND GIRLS WERE TEAM INFORMATION TECHNOLOGY (1ST & 3RD YEAR) AND TEAM ELECTRICAL RESP. THE RUNNER UP FROM BOYS AND GIRLS WERE TEAM COMPUTER SCIENCE (1ST & 3RD YEAR) AND TEAM ELECTRONICS & TELECOMMUNICATION RESP.



HANDBALL



TOTAL 75 STUDENTS (BOYS) PARTICIPATED IN HANDBALL SPORT. TOTAL 6 MATCHES WERE CONDUCTED BETWEEN 2 FEB 2023 TO 12 FEB 2023 WHICH WERE MANAGED BY PRATIK BANGADKAR (SECRETARY), AND JAYANT DONGRE (JOINT SECRETARY). THE FINAL WAS PLAYED BETWEEN CIVIL AND COMPUTER SCIENCE IN WHICH CIVIL (DEPARTMENT) BEATS COMPUTER SCIENCE (DEPARTMENT) IN PENALTY SHOOTOUT BY 8 - 6 SCORE. WINNER AWARD GOES TO CIVIL DEPARTMENT AND RUNNER UP COMPUTER SCIENCE.

IN WHICH SHOT PUT, RUNNING (100M), RELAY (100*4) SPORTS WERE ORGANIZED AND 80+ STUDENTS PARTICIPATED. IN WHICH THE SHOT PUT GAME WAS WON BY A VENKATESH KHARODE (CIVIL), WHERE HE SHOT A DISTANCE OF 9.89 METERS. AND AMONG GIRLS, SHRUTI BARAI (CIVIL) WON THE EVENT WITH A DISTANCE OF 5.49M. THE SECOND GAME IS RUNNING (100M) AND PIYUSH PILLOR (IT) IN BOYS AND RISHIKA THAKUR (CSE) IN GIRLS EMERGED AS WINNERS. THE LAST ONE GAME RELAY (100*4) WINNER IS MECHANICAL. AFTER ALL THE GAMES WERE OVER PRIZES WERE DISTRIBUTED BY OUR CHIEF GUEST AT ZENITH CULTURAL EVENT 2023. AND FINALLY OUR CHIEF GUEST ALSO GAVE A MOTIVATIONAL SPEECH, IN WHICH HE ADVISED EVERYONE TO PARTICIPATE IN SPORTS. ALSO TOLD THE BENEFITS OF SPORTS ACTIVITIES TO A PERSON.

ATHLETICS

ON SUNDAY, 12/02/2023 OUR COLLEGE ORGANIZED THE COLLEGE SPORTS COMPETITION WITH GREAT ENTHUSIASM. ALL THE STUDENTS WERE IN HIGH SPIRITS THAT DAY; YOU CAN EASILY SEE THE EXCITEMENT IN THEIR EYES. VARIOUS SPORTS PROGRAMS WERE ORGANIZED BY THE GYMKHANA DEPARTMENT OF OUR COLLEGE. ALL THE GAMES WERE HELD IN OUR COLLEGE GROUND. ALONG WITH THIS, VARIOUS GAMES WERE ORGANIZED WITH VARIOUS PLAYERS. ATHLETICS WAS ORGANIZED BY SECRETARY ANKIT DANGE AND JOINT SECRETARY VIJAY MUNDHE FOR BOYS AND GIRLS IN WHICH 7 DEPARTMENTS NAMELY CIVIL, MECHANICAL, ELECTRICAL, E&TC, CS, IT AND INSTRUMENTATION PARTICIPATED IN THE COMPETITION.



BASKETBALL

INTER BRANCH BASKETBALL MATCHES WERE CONDUCTED BETWEEN BOTH BOYS AS WELL AS GIRLS UNDER THE SPORTS TROPHY OF THE COLLEGE THAT IS THE KALPANA CHAWLA TROPHY. EVERY MATCH WAS KNOCKOUT FOR BOTH RESPECTIVE TEAMS. THE EVENT STARTED ON 04.02.2023 AND THE FINALS WERE CONDUCTED ON 07.02.2023 IN WHICH AMONGST THE BOYS MECHANICAL BRANCH EMERGED AS THE WINNERS AND ELECTRONICS AND TELECOMMUNICATION WERE THE RUNNER UPS, WHEREAS IN GIRLS INSTRUMENTATION DEPARTMENT WON THE FINALS AND MECHANICAL DEPARTMENT EMERGED AS THE RUNNER UPS. ALL THE MATCHES WERE CONDUCTED IN THE SUPERVISION OF SECRETARY AND JOINT SECRETARY. THE SECRETARY POST WAS HANDLED BY MR. BHAVESH DESHMUKH WHEREAS JOINT SECRETARY WERE HAD MR. SWARNIM POL AND MRS. RISIKA THAKUR.

INDIAN GAMES

KHO-KHO

TOTAL 160 STUDENTS PARTICIPATED IN KHO- KHO BOYS AND GIRLS EVENT IN KCT 2022-23 . THE FIRST MATCH OF KALPANA CHAWLA TROPHY FOR INDIAN GAMES HELD BETWEEN THE MECHANICAL DEPARTMENT AND THE CIVIL DEPARTMENT ON JANUARY 24, 2023. THERE WERE SEVEN DEPARTMENTAL TEAMS IN ALL. ON JANUARY 28, 2023, THE ELECTRONICS DEPARTMENT PLAYED AGAINST MECHANICAL DEPARTMENT FOR THE FINAL MATCH, IN THAT THE ELECTRONICS DEPARTMENT BEING THE WINNER OF THAT MATCH.

THE EVENT WAS MANAGED BY THE INDIAN GAMES SECRETARY, NANDKISHOR LOKHANDE, ALONG WITH JOINT SECRETARIES RISHIKESH MISHRA AND MUKTA MAHARKHEDE.



KABADDI

OVERALL 90 STUDENTS PARTICIPATED IN THE KABADDI EVENT IN KCT 2022-23. THE FIRST MATCH OF KABADDI (BOYS) WAS PLAYED ON 7/2/2023 . THE BETWEEN COMPUTER SCIENCE DEPT AND CIVIL DEPARTMENT. CS DEPT WON THAT MATCH . AS THE GAME PATTERN WAS KNOCKOUT MATCHES THERE WERE TOTAL 6 MATCHES PLAYED . THE FINAL MATCH WAS PLAYED BETWEEN MECHANICAL DEPT AND ELECTRONICS DEPT ON 10/2/23 . MECHANICAL DEPARTMENT WON THE FINAL MATCH OF THE KABADDI (BOYS) . THE EVENT WAS SUCCESSFULLY CONDUCTED BY THE SECRETARY OF INDIAN GAMES NANDKISHOR LOKHANDE AND THE JOINT SECRETARIES RISHIKESH MISHRA AND MUKTA MAHAKHADE .
BEST RAIDER SURAJ RATHI (MECH 4 YEAR)
BEST DEFENDER AYUSH TELKHADE (EXTC 3 YEAR)



INDOOR GAMES

CHESS COMPETITION



GOVERNMENT COLLEGE OF ENGINEERING AMRAVATI ORGANIZED A CHESS INDIVIDUAL COMPETITION FROM 19TH JANUARY TO 13TH FEBRUARY, WHICH SAW A TOTAL OF 95 CONTESTANTS (INCLUDING 20 GIRLS AND 75 BOYS) PARTICIPATING IN THE EVENT. THE COMPETITION WAS ORGANIZED BY **MR. RAJ KASHIRAM CHINCHOLKAR**, SECRETARY OF INDOOR GAMES, AND **MR. ADITYA KARALE**, JOINT SECRETARY OF INDOOR GAMES. THE TOURNAMENT PROVIDED 12 CHESS BOARDS, AND EACH CONTESTANT WAS GIVEN 45 MINUTES TO MAKE THEIR MOVES, WITH AN ADDITIONAL 15 MINUTES ALLOTTED TO PLAY. THE RESULT WAS DECIDED EITHER BY THE TIMER OR BY CHECKMATE, WITH ALL THE MATCHES BEING KNOCKOUT MATCHES AND THE LOSER BEING ELIMINATED FROM THE TOURNAMENT. THE TOURNAMENT WITNESSED TOUGH COMPETITION, WITH ALL THE CONTESTANTS DISPLAYING THEIR BEST SKILLS. THE FIRST ROUND ENDED WITH 10 PARTICIPANTS QUALIFYING FOR THE NEXT ROUND, AND THE SECOND ROUND ENDED WITH 5 PARTICIPANTS QUALIFYING FOR THE THIRD ROUND. THE TOP FOUR QUALIFIED PLAYERS GAVE THEIR BEST TO WIN THE GAME, AND THE TENSION IN THE GAME KEPT INCREASING AS THE DAY WENT ON. FINALLY, AFTER A SERIES OF GRUELING MATCHES, MS. ARYA BORAKHADE FROM 1ST YEAR CSE SECURED THE FIRST PLACE, AND MS. MANSI SHIRBHATE FROM 3RD YEAR CSE SECURED THE SECOND PLACE IN THE CHESS GIRLS TOURNAMENT. THE CHESS BOYS TOURNAMENT FOLLOWED, AND IT WAS EQUALLY INTERESTING. THE TOP FOUR QUALIFIED PLAYERS WERE THE BEST OF THE BEST, AND MR. SHREYASH UKEY FROM THE CSE DEPARTMENT SECURED THE FIRST PLACE, WHILE MR. ASHWIN RATHOD FROM THE CIVIL DEPARTMENT SECURED THE SECOND PLACE. IT WAS A HEART-WARMING EXPERIENCE TO WITNESS THE PARTICIPANTS' ENTHUSIASM AND COMPETITIVE SPIRIT. THE SECRETARIES OF THE EVENT, MR. CHINCHOLKAR AND MR. KARALE, WERE ENTHUSIASTIC AND KEEN TO MANAGE THE EVENT, PUTTING IN A LOT OF EFFORT TO POOL IN TALENTED PLAYERS FROM VARIOUS BRANCHES OF GOVERNMENT COLLEGE OF ENGINEERING AMRAVATI. OVERALL, THE TOURNAMENT WAS A GREAT SUCCESS, SHOWCASING THE COLLEGE'S COMMITMENT TO FOSTERING A CULTURE OF SPORTSMANSHIP AND HEALTHY COMPETITION AMONG ITS STUDENTS.



TABLE TENNIS



IN KCT 2K23, WINNER(BOYS)- ELECTRICAL
NAME- ROHIT THAKRE, JAY ADOLE, SIDDHANT GAWAI,
SHIVNANDAN DESHMUKH, TANMAY KHOBRAGADE

WINNER(GIRLS)- CIVIL

NAME- ANKITA BOPCHE, CHAYA CHAVAN, ARPITA
WANKHEDE, CHETANA NAGPURE, SANJANA DHOLGE

5. RUNNER UP(BOYS)- E&TC

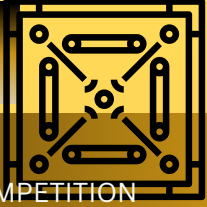
NAME- PRANAV THAKARE, PRAJWAL MAHAKULKAR,
PIYUSH JADHAO, SARTHAK KHANDAGLE, ANURAG
WANKHEDE

RUNNER UP(GIRLS)- CSE

NAME- MAGI SAGANI, SHREYAVENI THOTA, CHETNA
LIHARE, VAIDEHI DHOLE, SAKSHI SAHARE



CARROM(KCT)



THE CARROM INTER DEPARTMENTAL COMPETITION WAS HELD ON 14TH FEBRUARY AT GOVERNMENT COLLEGE OF ENGINEERING AMRAVATI. THERE WERE 70 CONTESTANTS INCLUDING 35 GIRLS AND 35 BOYS TAKING PART IN THE COMPETITION. . THIS EVENT WAS ORGANIZED BY THE SECTARY OF INDOOR GAMES **MR. RAJ KASHIRAM CHINCHOLKAR** AND JOINT SECTARY OF INDOOR GAMES **MR. ADITYA KARALE** WITH THE HELP OF G.S **JP PHAD** AND JOINT GS **MAYUR BHAGAT**.. THERE WAS TOTAL OF 5 CAROM BOARDS FOR 70 CONTESTANTS.FINALLY, AFTER A HARD FOUGHT COMPETITION, RESULTS WERE KNOWN. THE WINNER OF CARROM (BOYS) WAS ELECTRONIC DEPARTMENT AND RUNNER OF CARROM (BOYS) WAS INSTRUMENTAL DEPARTMENT. SIMILARLY THE WINNER OF CARROM (GIRLS) WAS CIVIL DEPARTMENT AND RUNNER OF CARROM (GIRLS) WAS MECHANICAL DEPARTMENT. THE RESULTS OF CAROM TOURNAMENT ARE AS FOLLOWS: THE WOMEN CARROM WINNER WAS MS. ACHAL AVCHITRAO TARALE (3RD CIVIL), MS. MAYURI RAMDAS MANIKPURE, MS. LHAM CHOIKEY SERMO(3RD CIVILL). THE WOMEN CARROM RUNNER WAS MS. SAKSHI WANKHADE(3RD YEAR MECH), MS.TRUPTI UMAK(3RD MECH), ,MS.RUPALI LAHURDKAR(2ND MECH), MS. LOCHANA DHAVANE(2ND MECH), MS.SUHANI SONONE(1ST MECH). MEN'S WINNER WAS MR. ROSHAN BANSOD(4 YEAR EXTC), MR. SURAJ SIRSODE(4 YEAR EXTC) ,MR. OMKAR MUNDE (3 RD EXTC) , MR. RUSHIKESH RAUT(3 RD EXTC) ,MR. PAWAN CHAUDHARI(3 RD EXTC) . MEN'S RUNNER WAS MR. RAJ UMATHE(3RD INSTRU), MR. PRATIK DIKHODI(3RD INSTRU),MR. RAJ GUPTA(3RD INSTRU), MR. ANIRUDH TALABATTULA(3RD INSTRU), MR. SHREYAS DABHADE(1ST INSTRU).



ANNUAL GATHERING ZENITH 2K23

The Annual and social gathering of Govt. College of Engineering Amravati, ZENITH, for the academic year 2022-2023, became a memorable event in the history of the college. The event was organized by the backbone of the program, including Principle Dr. A.M. Mahalle, Vice President Gymkhana Prof. N.G. Gadge, Faculty In-Charge Prof. R.B. Sharma, Dean Student Welfare Prof. A.M. Mokadam, BOG Member Dr. A.I. Dhattrak, Gathering Secretary Miss Shruti Deshmukh from 4th year I.T, and Joint Gathering Secretary Mr. Shashank Nasre from 3rd year Civil.

The event took place on 16th and 17th February at the college campus, with a lunch on 19th February at the EXTC department for faculties and non-teaching staff. The boys and girls of the Civil Department gathered at the college canteen, while CS, IT, and Instrumentation students gathered at the Mechanical Department. The seminar hall of the CS department served as the venue for the Prize Distribution Ceremony on Day 2, where Mr. Er. Waman Shirbhate was the Chief Guest, and Prof. V.T. Ingole was the Guest of Honour.

Zenith Expression included various events to generate enthusiasm among students. Floral Day, Red/Rose Day, Pastel/White Day, Formal Day, Bollywood/Retro Day, and Traditional Day were organized to create a vibrant atmosphere throughout the campus. The students actively participated in these days, showcasing their traditions through attire and capturing photographs across the campus and garden.

The program began with the ribbon cutting ceremony, attended by Principal Dr. A.M. Mahalle, faculty in-charge, and the Vice President of Gymkhana. The Saraswati puja (worship) was conducted by the dignitaries, followed by an inaugural song and dance performance by the students. The event featured non-departmental dances, mesmerizing dramas emphasizing moral values, Rosetime, Sugam Sangeet-Gandharva (music performances), and the highly anticipated G-NATRAJAN Dance club, which left a lasting impression on everyone.

The prize distribution ceremony recognized the winners of various events, including the Kalpana Chawla Trophy, Best Sports Player, Secretaries of Gymkhana, winners of Zenith Expression events, Aura of Arts, Non-Departmental Dance, Sugam Sangeet, Departmental Dance, Departmental Drama, Non-Departmental Drama, Drama of GCOEA, G-NATRAJAN, University Colour Coat Holder, and Gymkhana Interclass and Interdepartmental sports events. The awards were presented by the dignitaries on the dais, including Principle Dr. A.M. Mahalle, Faculty In-Charge Dr. R.B. Sharma, Incharge Gymkhana Prof. N.G. Gadge, BOG Member Dr. A.I. Dhattrak, and Dean Student Welfare Prof. A.M. Mokadam.

Following the program, the annual magazine of GCOEA was published by Principle Dr. A.M. Mahalle, along with the magazine's Secretary, Joint-Secretary, Editors, Co-Editors, and Members. The second day's evening concluded with a delightful ending, featuring a fishpond and various entertainment activities.



TECH-FEST PRAJWALAN

WALL PAINTING

The wall painting event organized in Government College of Engineering Amravati was a great opportunity for students to showcase their artistic skills. The event was held in the college canteen, where different teams and individuals were given a specific time slot to paint a designated area on the walls. The event was a competition, and the participants had the freedom to paint any scenery or drawing of their choice. The creativity of the participants was truly remarkable, and they utilized the opportunity to put forth their ideas through their art. The event was not only about art, but it also provided a platform for the participants to address important social issues like Women Empowerment, Waste management, and Nature conservation through their drawings. The event was organized under the guidance of faculty coordinator **Prof. N.N.Khobragade**. The participants were given instructions by **Lalit Gedam & Unnati Londhe**, who ensured that the event ran smoothly. The winners of the competition were awarded a cash prize of Rs. 2000. Overall, the wall painting event was a success and turned the walls of the college canteen into beautiful and attractive art pieces. It was a great way to promote creativity, address social issues, and bring the college community together.



MODEL EXPO

The Model Expo event was a grand exhibition of innovative models, organized with the aim of nurturing the skills and knowledge of the students. It was open for all B.tech, M.tech and polytechnic students from any branch and college. Held at the Entc department building, both GCOEA students and those from different schools in the city participated in the event. The models presented showcased new ideas with a positive impact on society, and were judged based on their innovation and benefits to society. The event was competently handled by the event coordinators, Gauri Wanode and Sejal Sherki, and organized under the guidance of faculty coordinator Prof. R.M. Metkar. The competition between the groups was intense, with the winner awarded a cash prize of Rs. 3000. The success of the event can be attributed to the enthusiasm and dedication of the participants, as well as the able guidance of the coordinators and faculty coordinator. Overall, the Model Expo event was an enlightening and enriching experience for all involved.



EV EXHIBITION

Prajwalan Techfest at Government College of Engineering Amravati featured an Electric Vehicle Expo, displaying a wide range of electric vehicles including bikes, scooters, and cars. The event aimed to promote sustainable transportation options and provide a firsthand experience of the latest technology. Students got to test drive electric vehicles, learn about the future of electric mobility, and interact with industry experts. The event was handled by a team of students and guided by the faculty coordinator **Prof. R.R. Harne**.



DEATH RUSH

Death Rush was a BOT-making competition organized by the E&Tc department at Prajwalan'23. The event involved obstacle racing for self-developed robots within certain dimensions and weight. The competition had three rounds, including playing football matches in an arena and increasing the difficulty level of obstacles in the last round. 10 teams participated from different colleges, and the winner was Mr. Arbaz Khan from RNXG club of S.G.G.S. College of Engineering, Nanded, who won a prize of Rs. 5000. The event was organized by **Sukhada Mohod** and **Shreyash Charjan**.



GRAB AND WIN

Department of Electronics and Telecommunication (E&Tc) organized two events during Prajwalan'23 - Death Rush and Grab N Win. Grab N Win was a non-technical and fun event played in teams. There were eight teams with four participants each who had to answer questions in a buzzer round and play different fun games based on their answers. The winner was decided based on points, and the team Hell-Hydra from G.C.O.E.Amravati emerged as the winner. The event was the most enjoyable event of the second day of Prajwalan'23. The winner and runner-up received prizes of Rs. 2000 and Rs. 1000, respectively, and the event was successfully organized under the guidance of faculty coordinator Prof. A.M. Shah. The convenor and co-convenor of the E&Tc department were Sukhada Mohod and Shreyash Charjan, respectively.

AUTOCAD MASTER

Autocad, a captivating event organized by the Civil department, showcased participants' planning and designing skills using the Autocad software. Held in the college's Civil department, the event commenced at 12:30 PM. Participants, hailing from GCOEA and other colleges, were tasked with creating plans and sections based on the given topic. Entry fees for the event were set at Rs. 50. Two rounds were conducted to determine the final winner, with the second round exclusively for selected participants from the first round. This computer-based event revolved around graphics and attracted numerous entries. Saurabh Bamborde from GCOEA claimed the title of Autocad Master, earning a prize of Rs. 5000, while Shrihari Bhushkade secured the runner-up position.



NET CRICKET

Net Cricket, organized by the Civil department, offered participants a unique cricketing experience. Held on the ground floor near the mechanics lab, the event commenced at 11:00 am. Entry fees were set at Rs. 20 per individual and Rs. 30 for a team of two. This individual sport allowed one player to participate at a time. The net box provided an area for the player to assume the role of the batsman, with bowling machines delivering the balls. The winner was determined based on the number of balls successfully hit by the participant. The player with the fewest unhitted balls emerged as the winner. A prize of Rs. 2000 was awarded to the winner, while the runner-up received Rs. 1000. The event was successfully conducted under the guidance of faculty coordinator **Prof. A.I. Dhtrak**.



PAINTBALL

Prajwalan, the fascinating tech-fest organized by Government College of Engineering, Amravati, featured a multitude of fun and technical events. Among these, the paintball game organized by the Electrical department garnered an overwhelming and positive response.

Paintball is an engaging game where players aim to eliminate opponents by shooting them with dye-filled balls using paint guns. The game field was filled with obstacles for players to seek cover behind. Exciting prizes awaited the winners, with the first-place recipient awarded a prize of Rs. 2000 and the second-place recipient awarded Rs. 1000.

Due to its high demand and appeal, paintball attracted participants from various colleges and branches. The game provided an adventurous experience, and its affordability made it accessible to a wide range of participants. The safety of all players was ensured through the presence of coordinators, minimizing the risk of any harm.

Under the judgment of Judge Akshay Umap, the game's winner was determined in the final round called target shooting, where the finalists aimed at a designated target. Mahesh Boldhan successfully hit the target, emerging as the victor.

The live gameplay enthralled participants, and their satisfied smiles reflected their enjoyment. Overall, the paintball event was a resounding success, and attendees thoroughly relished the game.



EVENTIA

Eventia, organized by the Electrical department, featured a paper presentation competition with two sections: Section A comprising the Mechanical and Civil departments, and Section B comprising the Computer and Information Technology departments.

Participants in this event were allocated 7 minutes for their paper presentation followed by a 3-minute query session. The entry fee was Rs.100 for individual participants and Rs.200 for groups of two. The first prize awarded a cash prize of Rs.5000, while the second prize offered Rs.2000.

The event was successfully conducted under the guidance of faculty coordinator **Dr. V.N. Ghate**. **Krutika Gawande** served as the convener, and **Mona Sarda** as the co-convener, ensuring the smooth execution of the event.



CAD-MANIA

CAD-Mania, organized by the Mechanical Department, aimed to provide a platform for students to showcase their designing skills. The event consisted of two rounds: Round 1 focused on creativity, while Round 2 evaluated the participants' ability to work on a given model within a specific timeframe, testing their design skills.

On 21st February 2023, CAD-Mania took place in the Cad Laboratory of the Mechanical Department, generating great enthusiasm among the crowd. Participants were eager to demonstrate their designing abilities. The event spanned the entire day, allowing sufficient time for each round.

The event exclusively utilized Solidworks Cad Software, providing a standardized platform for participants. The judges, known for their experience and composure, effectively assessed the designs. Niraj Thakre from GCOEA secured the runner-up position, earning a cash prize of Rs.2000. The winner of the event was Lukesh Pokale, who received a cash prize of Rs.5000.

The prize distribution ceremony took place near the Gymkhana of GCOEA, concluding the event on a high note.



COZMO-CLENCH

Cozmo-Clench, organized by the students of the Mechanical Engineering Department, aimed to identify the best minds in the industry who could apply their knowledge of robotics in practical scenarios. The event provided participants with a platform to showcase their innovative bots, which were required to navigate the entire arena and compete against other team bots for attractive prizes, as evaluated by a panel of judges.

The event, held on 20th February 2023, commenced with an inauguration by **Dr. A.M. Mahalle**, the Principal of GCOEA. The decoration theme reflected the essence of technological advancement and growth, symbolizing a warm welcome to the innovative minds of the nation.

Cozmo-Clench was open to all individuals with an interest in bot development, regardless of their experience level. The event convenor, **Mohini Deshmukh**, and co-convenor, **Muskan Jaiswal**, effectively managed the proceedings under the guidance of faculty coordinator Prof. S.G. Kamble.

The event aimed to discover individuals who possessed the ability to learn and apply their robotic knowledge, showcasing their skills to an audience. By creating a competitive environment, Cozmo-Clench sought to identify talented individuals who could contribute to the industry.



HANDHELD ESPORTS

BOX-CRICKET

Box cricket, organized by the instrumentation department during Prajwalan'23, was a popular event that added a sporting twist to the technical festival of GCOEA. The event featured teams of 6 players each, with a total of 10 teams participating. The entry fee for teams was 300 rupees, while individuals could participate for 50 rupees.

The event spanned two days, with the semi-final and final matches taking place on the second day. Six teams were eliminated during the course of the event, leading to an intense final match between Supala11 and the team from P.R. Pote College. Ultimately, Supala11 emerged as the winners, while P.R. Pote College secured the runner-up position.

The matches were held at the Gymkhana playground, creating a vibrant and competitive atmosphere for the participants. The prize distribution ceremony was held on the last day of the tech fest, with the winning team receiving a cash prize of 2000 rupees, and the runner-up team awarded 1000 rupees.

Handheld Esport, a thrilling esports event, brought the world of mobile gaming to the forefront during the tech fest. This event showcased popular and fast-paced smartphone games, attracting players from across the state to compete for prestigious titles and lucrative prizes. With a strong emphasis on fairness and cutting-edge technology, Handheld Esport provided an immersive and competitive experience for mobile gamers. It was open to players of all skill levels, catering to both seasoned veterans and newcomers alike. Participants had the opportunity to demonstrate their gaming prowess and become a part of the rapidly expanding world of mobile esports.

The event took place near the instrumentation department, where screens and gaming setups were arranged to ensure an optimal gaming experience for the players. The atmosphere was charged with excitement as participants engaged in intense battles and showcased their skills on the mobile gaming platform.



GAMES-COM

Introduction: During Prajwalan'23, the annual technical fest of GCOEA, a gaming event called Gamescom took place at the CSE department. Organized by a dedicated departmental team, this event featured popular games like Valorant, COD, and PUBG, attracting students from various colleges and disciplines to participate. Registration forms, posters, and introductory messages were circulated to ensure maximum participation.

Description: The tournament allowed the first 10 teams to register before closing the registrations and finalizing the event schedule. The organizers established rules and regulations for fair play, and the schedule was shared with the participating teams. The event kicked off with the knockout phase, pitting five teams against each other in intense clashes. Two teams from each group competed simultaneously, leading to the selection of the top five teams for the second round. After a break, the second round took place, resulting in the elimination of three teams.

The following day was dedicated to the Finals, where the two remaining teams, Ninjas in Lungis and Odin Spammers, battled it out for victory. The matches were thrilling and filled with excitement, as both teams exhibited their best strategies and teamwork to outsmart their opponents. The event concluded on a high note, offering participants an experience filled with excitement, teamwork, tactics, and enjoyment.

The winner of the event was declared as Team **Ninjas in Lungis**, while Team **Odin Spammers** emerged as the runner-up. The successful execution of the event was made possible by the guidance of the faculty coordinator, **Prof. P.M. Chouragade**. This event provided a platform for students who enjoy playing PC games to showcase their skills and have an unforgettable on-site gaming experience.

Convener: Arti Manputra **Co-convenors:** Rushikesh Dhore & Sahil Kandarkar



HACK-ACCELERATE

Hack-Accelerate was an event organized by the CSE departmental team. Hack-Accelerate was a 1 vs 1 coding competition organized on the Codechef platform. There were total of 4 rounds. The event was huge success under Faculty coordinator **Prof M B Waghmare**.

Description:

The first round was of code competition, in which the player shared his room ID with his/her opponent. In the first round, total 3 questions were there. The player who gets 2 questions correct was declared the winner in the first round. The players who qualified first round entered the second round. The second round was of debugging in which players need to debug the already given code. The players winning in second round were qualified for third round. Third round was also of debugging and the same system followed.

The final fourth round consisted of only one question and 30 min. The person completing earlier was declared as the winner and the second person completing was declared as runner up. The winner was given a prize of 5000 Rs. And the runner up was given a prize of 2000Rs.

Winner : Sakib Sheikh

Runner up: Harsh Mandade

