



**Government College Of Engineering And
Research, Avasari Khurd**
Taluka - Ambegaon, District – Pune, 412405

E-NEWSLETTER

(APRIL - JUNE 2023)

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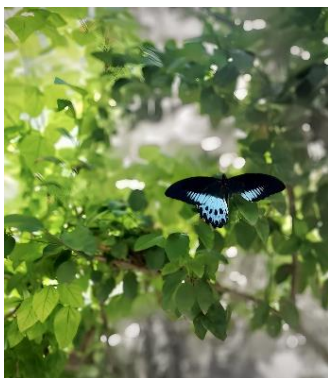


Vision

Educational institution for Empowerment through technological excellence towards sustainable development.

Mission

- Value based and demand driven education using best practices.
- Promotion of research, innovation and entrepreneurship.
- Commitment to sustainable solutions in service of society.
- Capability to face local and global challenges.



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YASH MAVARE, BE COMP 24

An Appeal to Join Newsletter

You can send your articles, photos, drawings, sketches, technical write up, achievement news, departmental activity on

WhatsApp No. **7875409075** (Ruturaj Aher)

Or send your articles, photos, news at:

raturaj.aher122020@gcoeara.ac.in

Committee Members :

Smt. R. K. Dawane

Smt. S. B. Palve

• RESONANCE – Annual Cultural Fest

A Vibrant Fusion of Tradition and Talent

RESONANCE 2K23



The campus of Government College Of Engineering And Research, Avasari, came alive with colours and creativity during its annual cultural fest, "Resonance 2023". The event showcased the rich cultural heritage of India through captivating group dance performances and soul-stirring singing renditions.

Participants enthralled the audience with folk and classical dances, symbolizing the unity in our diverse traditions. The singing competition, featuring a variety of songs, left everyone awe-inspired by the vocal talents on display.

One of the highlights of "Resonance 2023" was the presence of the esteemed chief guest, Aaryak Pathak, widely known as "Sheth Manus" on Instagram. Aaryak Pathak, an influential social media personality, has captivated millions with his inspiring content, humour, and insightful messages.

The Instagram influencer graced the event with his presence and shared his journey, emphasizing the importance of pursuing one's passions, staying true to oneself, and embracing one's roots. His motivational words resonated deeply with the audience, leaving a lasting impression on the aspiring young minds present.

The fest also celebrated achievements, honouring outstanding performers with certificates and trophies. The presence of renowned Instagram influencer, Aaryak Pathak (Sheth Manus), added a touch of inspiration as he shared his journey and encouraged pursuing passions.

"Resonance 2023" fostered unity and creativity, exemplifying the college's commitment to culture and talent. The memories of this vibrant event will continue to resonate, inspiring future generations.



Guest – Aaryak Pathak with Principal Sir



Sports Secretary – Chaitanya Walke



• Glimpses of RESONANCE





• COMBAT – Annual Sports Event

A Triumph of Sportsmanship and Team Spirit



The exhilarating COMBAT 2023, our college's annual sports event, brought together students from various departments in a thrilling showcase of talent and teamwork. Volleyball, kabaddi, cricket, badminton, and more ignited the spirit of healthy competition.

Congratulations to the Electronics and Telecommunications Engineering Department for securing the top spot on the points table, with the Civil Engineering Department standing strong as runners-up. COMBAT 2023 exemplified the essence of college unity and sportsmanship, leaving lasting memories that inspire us to aim for excellence in all aspects of life.

The adrenaline-fueled atmosphere of sportsmanship and camaraderie took centre stage at our college as the much-awaited annual sports event, COMBAT 2023, unfolded. This action-packed extravaganza saw students from different departments competing with passion and determination in a wide array of sports, showcasing their skills and teamwork.

One of the major highlights of COMBAT 2023 was the fierce yet friendly rivalry between the departments. The competition for the top spot on the points table was intense, with each department vying for the coveted first place. In the end, it was the Electronics and Telecommunications Engineering Department that emerged victorious, showcasing their outstanding prowess across various sports. The Civil Engineering Department displayed exceptional talent and teamwork, securing a well-deserved second place. With eager anticipation, we look forward to COMBAT 2024, where new champions will rise and the legacy of sportsmanship and camaraderie will continue to thrive. Until then, let the memories of COMBAT 2023 fuel our passion for sports and remind us that together, we can conquer any challenge that comes our way!



- **Hackathon sponsored by Tarsyer, Computer Vision based company.**

Date : 16th April 2023

The Hackathon Lab, in collaboration with Tarsyer Company, organized a highly successful hackathon focused on the theme of computer vision. The event aimed to bring together talented developers, engineers, and enthusiasts to showcase their skills and creativity in the field of computer vision as well as to learn and explore new methods.

Projects:

The hackathon witnessed an impressive array of projects showcasing the potential of computer vision. Some notable projects included:

Shape Recognition with Colours:

The shape recognition project, incorporating colour analysis, aims to develop a computer vision system capable of accurately identifying and classifying shapes based on their colour properties. By combining shape detection algorithms and colour analysis techniques, the system can find applications in various industries and domains where shape and colour recognition are essential.

Detection with count:

The vehicle detection project with counting capability aims to develop a computer vision system that accurately detects vehicles, classifies them, and maintains a count of vehicles passing through a specific region of interest. The system can find applications in various domains, including traffic monitoring, parking lot management, toll booths, and smart city initiatives. By utilizing advanced object detection algorithms and real-time processing techniques, the system provides a valuable tool for analyzing vehicle flow and making informed decisions.

Text recognition using OCR:

The text recognition and overwriting project aims to develop a system that can accurately recognize text from images and provide users with the ability to edit or modify the recognized text. By leveraging OCR techniques and implementing text editing functionalities, the system offers a valuable tool for document digitization, image annotation, image-based text editing, and translation tasks. With a user-friendly interface, the system allows users to seamlessly interact with the recognized text and make necessary modifications, enhancing their productivity and workflow efficiency

• Hackathon sponsored by Tarsyer, Computer Vision based company.



• श्री. व्ही. एस. होले (प्रयोगशाळा परिचर) यांचा सेवानिवृत्तीचा कार्यक्रम साजरा करण्यात आला.

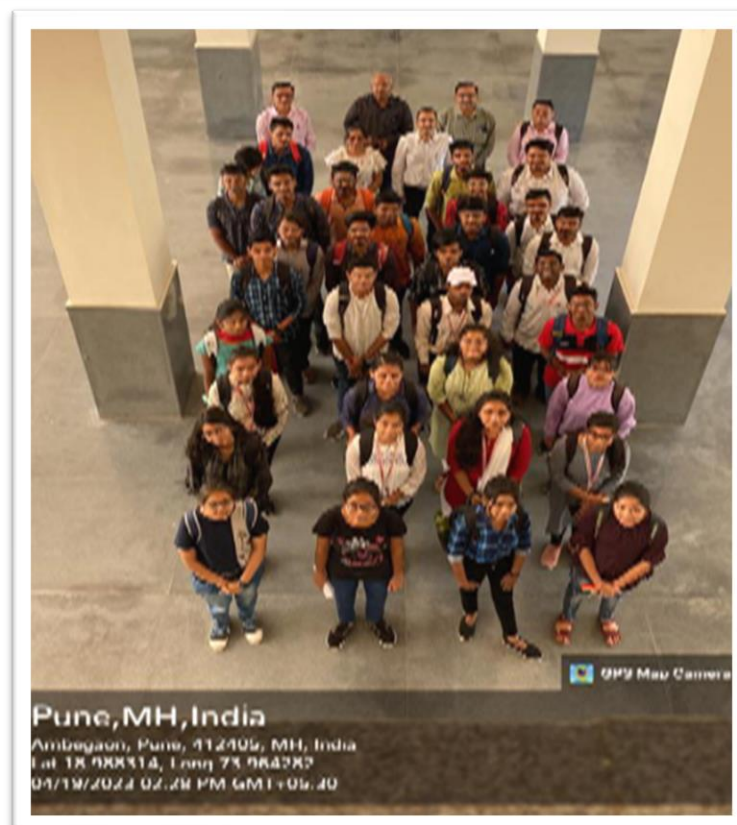
Date : 16th April 2023



• Interpersonal Effectiveness and Team Building (IETB) training program.

Date : 17th to 19th April 2023

From 17th – 19th April 23, in interpersonal effectiveness and team building training program, students learned about leadership skills, interpersonal effectiveness, conflict management, decision-making styles, team building, communication, change, and time management. Dr. Rahul Dahatonde, TPO, SPCE Mumbai, and Ms. Sanjana Raykar, freelance trainer with 29 years of experience conducted the sessions.



• **Science & Technology for rural development २०२३** विषयांतर्गत झालेल्या प्रोजेक्ट कॉम्पिटिशन मध्ये द्वितीय वर्ष स्थापत्यच्या विद्यार्थ्यांचा सहभाग.

Date : 19th April 2023

दि. १९ एप्रिल २०२३ Samarth Group of Institution College of engineering Belhe Junnar कॉलेज मार्फत आयोजित Science & Technology for rural development २०२३ विषयांतर्गत झालेल्या प्रोजेक्ट कॉम्पिटिशन मध्ये द्वितीय वर्ष स्थापत्यच्या पुढील प्रमाणे विद्यार्थ्यांनी सहभाग घेतला होतात. विद्यार्थ्यांना Mr. Umesh Manale सरांचे मार्गदर्शन मिळाले.

Project Name – Hydraulic Traffic Reduce System

Participants Name: Pranjal Waghmode, Dhanshri Dikale,
Sanskruiti Suryawanshi, Sanika Salunke, Adesh Kulthe.



• Expert Lecture

Date : 21st April 2023

A team from Volvo India Pvt. Limited, Pune visited our campus for delivering Expert Lecture, on 21st April 2023. Mr. Shahashank Moghe (VALEO) coordinated the team. Mr. Shrikant Jagtap (HR Dept), Mr. Sripad (Mechanical Dept. Manager, R&D), Mr. Amit (Process Quality dept.) have guided students on various aspects.



• Campus Drive by MSKH Seating Systems

Date : 24th April 2023

Out of 107 registered students, 41 students appeared for the online test from Mechanical, Automobile, E & TC branches. Based on online test, 34 shortlisted appeared for the interview and finally, 27 students were selected. Mr. Nilesh Agrawal and his team conducted the drive.



• Campus Drive by Bobst India Pvt. Ltd.

Date : 24th April 2023

This drive for BE Mechanical was conducted by Bobst India Pvt. Ltd. a Swiss MNC. After an online aptitude test of 46 students, 22 students were shortlisted for the interview round. Finally, 7 students got an offer with CTC 3 LPA. Mr. Tanaji Kale and his team conducted the drive.



• Industrial Visit at Parag Milk Food Pvt. Ltd, Awsari Phata, Manchar by BE Mechanical.

Date : 29th April 2023

On 29th April, an air of excitement and curiosity filled the air as we embarked on our journey to one of the leading dairy companies in India. Parag Milk Food Pvt. Ltd. is renowned for its commitment to quality, innovation, and sustainability, making it an ideal destination for our learning experience. Upon our arrival, we were warmly welcomed by the gracious staff, who provided us with an insightful overview of the company's history, vision, and milestones achieved over the years. The visit commenced with a presentation that familiarized us with the dairy industry's challenges, market dynamics, and the role of technology in streamlining operations.



• सेवापूर्ती समारंभ

Date : 30th April 2023

संगणक विभागातील श्री. डी. एम. मोकशी (तांत्रिक प्रयोगशाळा सहाय्यक) यांचा दि. 30/04/2023 रोजी सेवापूर्ती समारंभ पार पडला.



• महाराष्ट्र अभियांत्रिकी अनुसंधान संस्थान, नाशिकमध्ये स्थापत्य अभियांत्रिकीच्या विद्यार्थ्यांच्या Concrete Technology अभ्यासाचे द्वितीय वर्ष आयोजित करण्याचे डॉ. डब्ल्यू. एन. देऊळकर यांचे मार्गदर्शन.

Date : 16th May 2023

दिनांक १६ मे २०१३ रोजी Maharashtra Engineering Research Institute. Nashik (MERI) येथे स्थापत्य अभियांत्रिकी विभागातील – विभाग प्रमुख डॉ. डब्लू एन. देऊळकर यांचे मार्गदर्शनाने द्वितीय वर्ष स्थापत्य अभियांत्रिकीच्या विद्यार्थ्यांची शैक्षणिक सहल Concrete Technology विषयांतर्गत गेली होती. या विषयासंदर्भात विद्यार्थ्यांना शैक्षणिक माहिती मिळाली. विद्यार्थ्यांसोबत डॉ.एम.जि.शेख, श्रीमती एस बी पालवे, श्रीमती गीता दोकरे, श्री तिवारी सर शैक्षणिक सहलीत उपस्थित होते.



• श्री. मंगेश दिगंबर पांचाळ यांना पीएच. डी. पदवी प्रदान

Date : 17th May 2023

महाविद्यालयाच्या उपयोजित विज्ञान विभागातील प्राध्यापक श्री. मंगेश दिगंबर पांचाळ यांनी इंग्रजी या विषयात स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड येथून पीएच. डी. पदवी संपादन केली.

त्यांच्या प्रबंधाचे नाव, "प्रमोशन अँड व्हॉयलेशन ऑफ मल्टीकल्चरॅलीस्म इन द सिलेक्ट नॉव्हेल्स ऑफ हरि कुंझरु, अमित चौधरी अँड उपमन्यु चॅटर्जी", असे आहे.

डॉ. मंगेश दिगंबर पांचाळ यांनी पीएच. डी. पदवी संपादन केल्याबद्दल महाविद्यालयाचे मा. प्राचार्य डॉ. दिलीप रा. पानगव्हाणे यांनी महाविद्यालयाच्या वतीने त्यांचे अभिनंदन केले.



• Embracing Change: Dr. C. M. Sewatkar Explores the National Education Policy in the Context of Engineering Education.

Date : 20th May 2023

As the winds of change sweep through the realm of education, the faculty and students were fortunate to receive profound insights from a distinguished educator, Dr. C. M. Sewatkar, on the transformative National Education Policy (NEP) 2020. In an enlightening address, Dr. C. M. Sewatkar delved into the objectives and advantages of NEP 2020, particularly in the field of engineering education.

Dr. C. M. Sewatkar commenced his address by emphasizing the key objectives of NEP 2020, which are to provide universal access to quality education, foster critical thinking, and promote multidisciplinary learning. He highlighted how these goals align perfectly with the essence of engineering education, where innovation, problem-solving, and adaptability are paramount.

One of the significant advantages of NEP 2020 in the context of engineering education, as explained by Dr. C. M. Sewatkar, is its emphasis on promoting research and development. The policy encourages educational institutions to create an ecosystem that nurtures curiosity and promotes research-oriented learning. This approach, he pointed out, will lead to breakthrough innovations and technological advancements that contribute to the nation's growth.

Another vital aspect addressed by Dr. C. M. Sewatkar was the integration of technology in education. NEP 2020 envisions leveraging digital tools and online learning platforms to enhance accessibility and enable self-paced learning. In the field of engineering, where technology is an integral part of everyday life, this integration aligns with the demands of the modern world and prepares students for the digital era.

In conclusion, Dr. C. M. Sewatkar's address on the National Education Policy 2020 was a catalyst for reflection and discussion among the faculty and students.





- **Visit to IIT Madras for attending its annual cultural and technical fest 'Paradox'.**

Date : 22nd May – 28th May 2023

Recently, a group of enthusiastic third-year computer engineering students embarked on a thrilling journey to IIT Madras for its annual technical and cultural fest, Paradox. The event proved to be a remarkable experience, fuelling our passion for technology and knowledge.

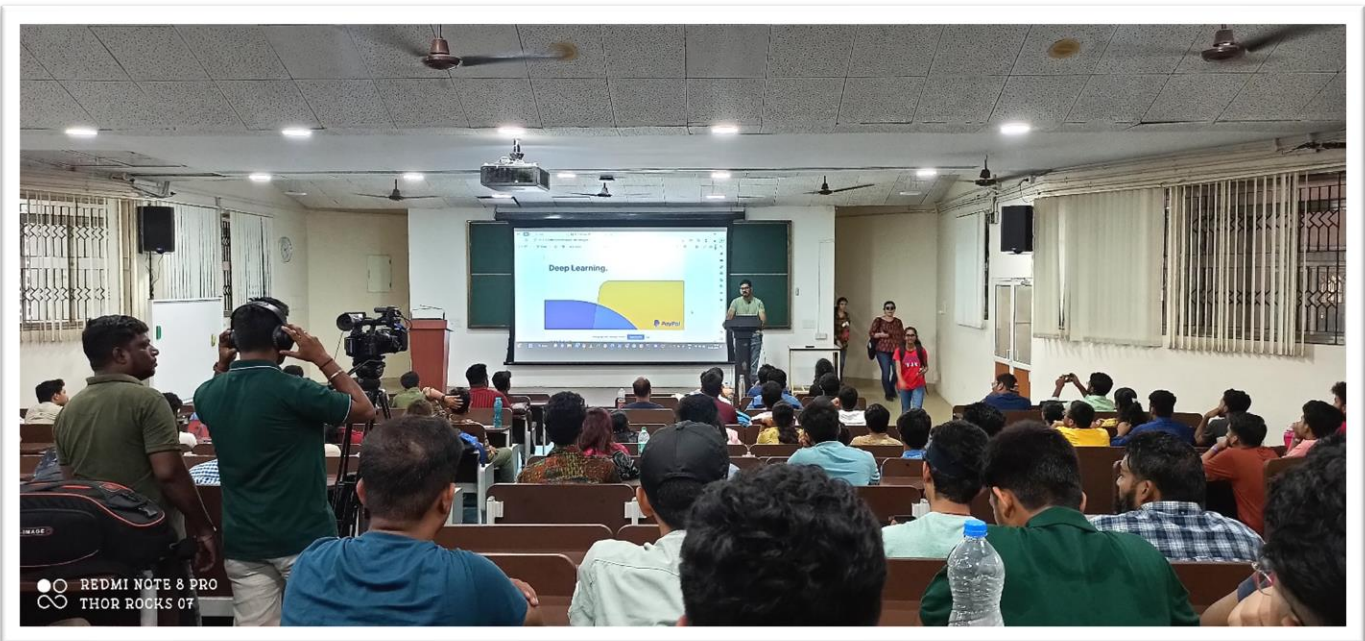
At Paradox, our students attended workshops and seminars that left a lasting impact. The seminar on data analytics by PayPal showcased real-world applications and emphasized the importance of data-driven decisions and user experiences. The practical workshops delved into cutting-edge technologies like AI, machine learning, web development, and cybersecurity, expanding our skill set and igniting our curiosity.

Beyond the technical brilliance, the cultural extravaganza celebrated the diversity of talent among participants from all over the nation.

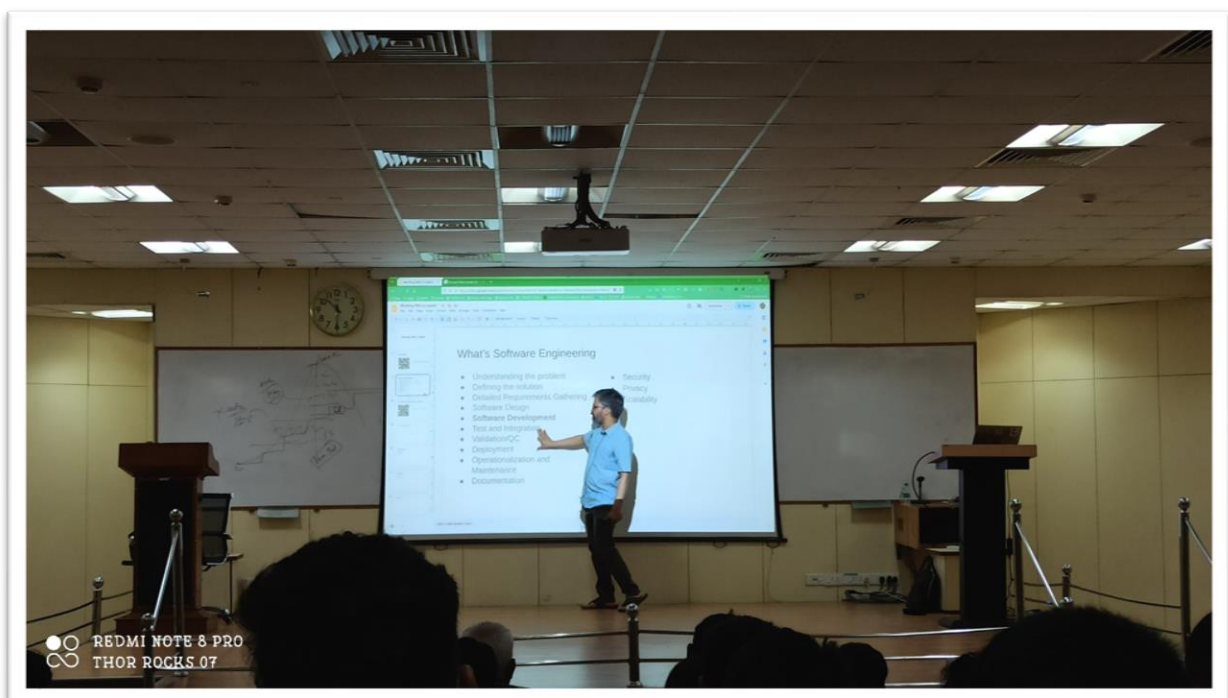
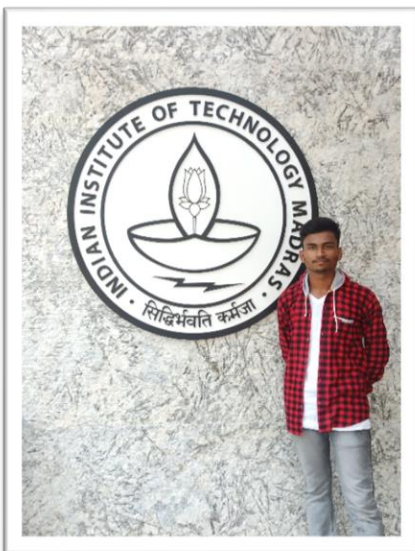
Our interactions with like-minded peers opened new doors for collaboration and friendship. As we returned to our college, the experience at Paradox had left us inspired and determined to make a meaningful impact in the world of computer engineering.

We extend our heartfelt gratitude to our college authorities for enabling this enriching visit. The memories and lessons from Paradox will stay with us forever, motivating us to excel in our pursuit of innovation and excellence.





TE Computer Engineering students attending seminar by PayPal Executives on Deep Learning at IIT Madras.



• अंतिम वर्ष स्थापत्य अभियांत्रिकीच्या विद्यार्थ्यांची शैक्षणिक सहल

Date : 25th May 2023

दिनांक २५ मे २०१३ रोजी RSCOE'S JSPM College Tathavade, Pune येथे स्थापत्य अभियांत्रिकी विभागातील विभाग प्रमुख डॉ. डब्लू. एन. देऊळकर यांचे मार्गदर्शनाने अंतिम वर्ष स्थापत्य अभियांत्रिकीच्या विद्यार्थ्यांची शैक्षणिक सहल Earthquake: Engineering विषयांतर्गत गेली होती. या विषयासंदर्भात विद्यार्थ्यांना शैक्षणिक माहिती मिळाली. विद्यार्थ्यांसोबत श्री तिवारी सर शैक्षणिक सहलीत उपस्थित होते.



• Training program by MNC Trainers

Date : 5th June 2023

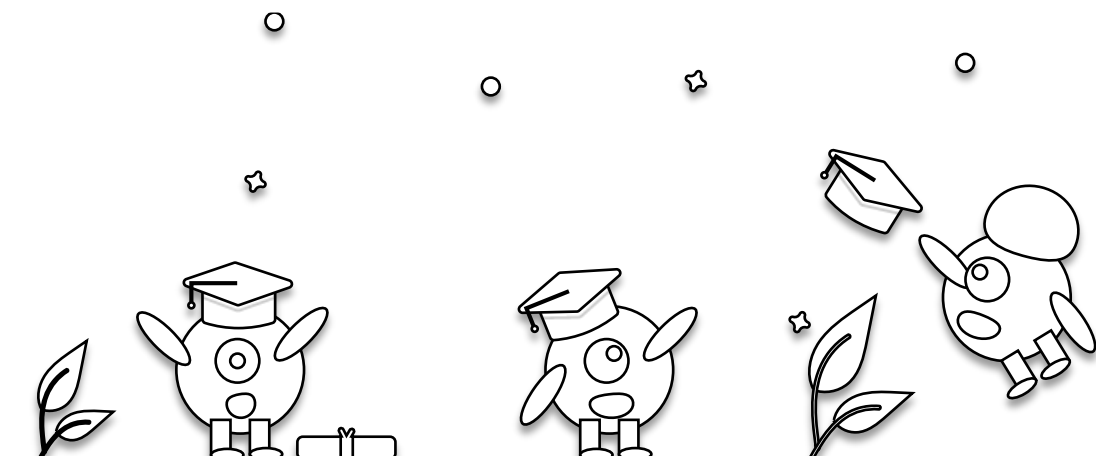
Details of event: On 5.6.2023 Mr. Londhe of Megavision thanked student volunteers who managed CCTV and other products in exhibition held in Manchar in December 2022. In short notice he sent a registration link. About 20 students responded from all years all branches. One hour training given by the product manufacturer MNC trainers. Mr. Londhe thanked Principal and staff too. He offered gifts, brochures, certificates and gifts to 8 students who were enthusiastic and performed well in the exhibition.



Date : 5th June 2023



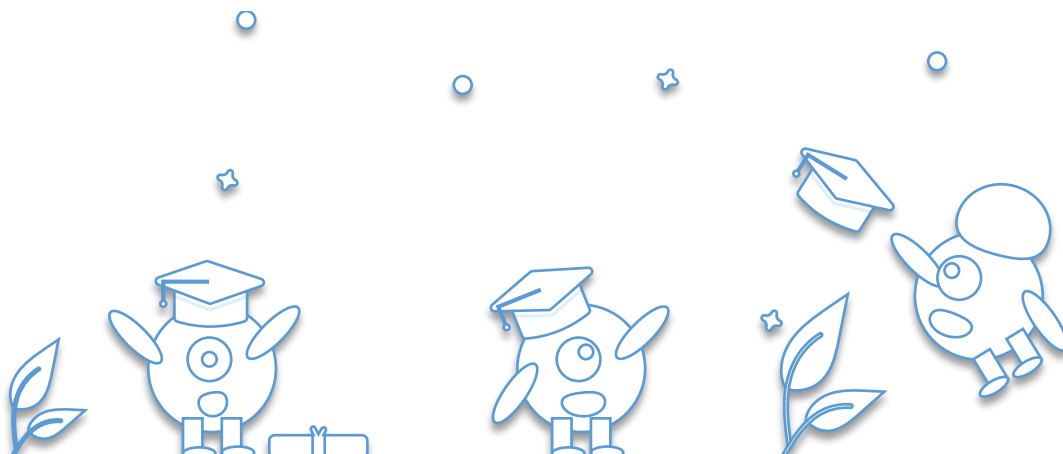
**Farewell program for final year students in
Automobile Engineering Department.**



Date : 5th June 2023



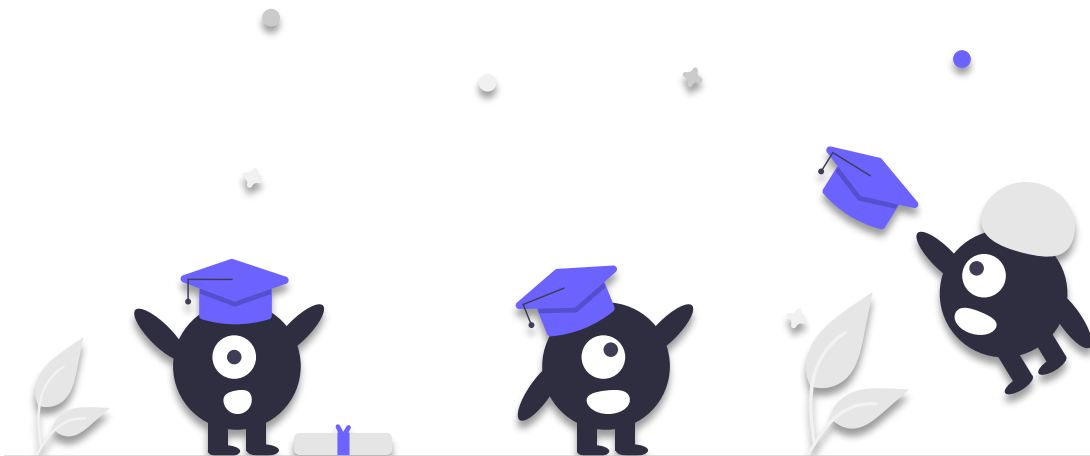
Farewell program for final year students in Electronics and Telecommunications Engineering Department.



Date : 5th June 2023



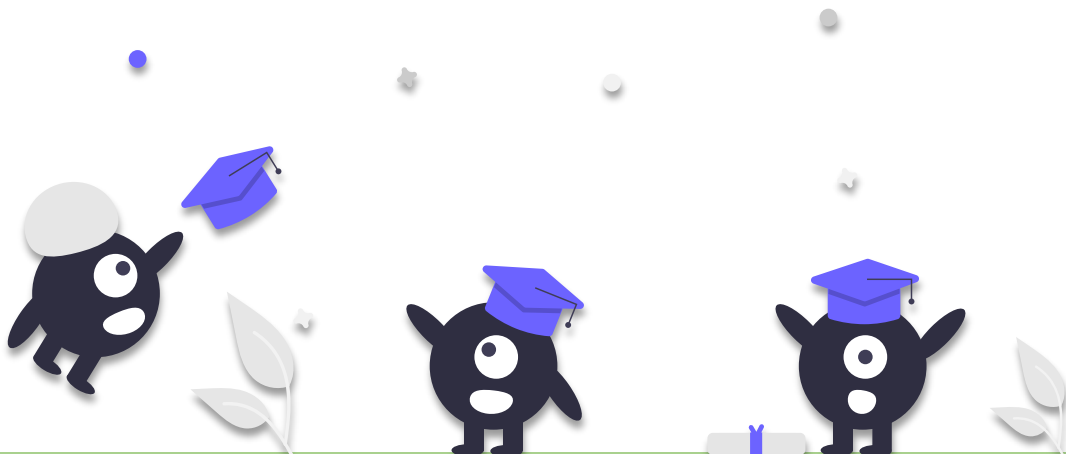
**Farewell program for final year students in
Computer Engineering Department.**



Date : 5th June 2023



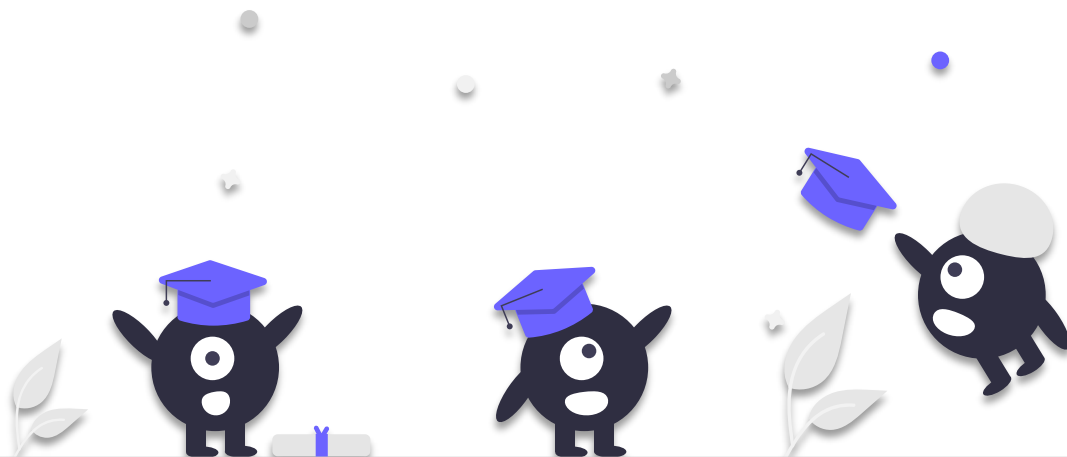
**Farewell program for final year students in
Civil Engineering Department.**



Date : 5th June 2023



**Farewell program for final year students in
Mechanical Engineering Department.**



Date : 5th June 2023



**Farewell program for final year students in
Instrumentation And Control Engineering Department.**

