



Government College of Engineering, Amravati

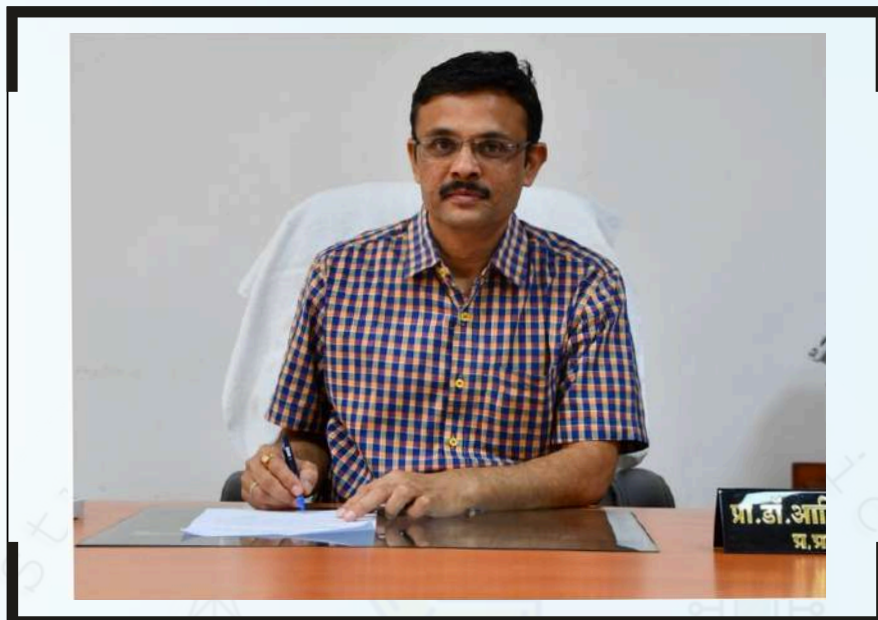
2020 ETAS



● ● ● June-Dec 2024

Years of
Excellance

From the Desk of Principal



Dr A. M. Mahalle

I extend my sincere congratulations to all the faculties and students involved in the creation and release of The Chronicle, the highly anticipated magazine by ETAS. The commendable efforts and dedication demonstrated by both faculties and students are truly praiseworthy. It is a pleasure to be a part of this momentous occasion, celebrating the culmination of creativity and intellect within our academic community. My best wishes go out to the entire Department of Electronics as you embark on future endeavors. The commitment to fostering extra-curricular activities like this magazine is commendable, as it not only enhances the confidence of our students but also plays a pivotal role in their holistic personality development. May this initiative continue to inspire and provide a platform for creative expression within the ETAS community. Once again, I express my heartfelt congratulations and extend my best Wishes to all individuals involved in bringing forth this remarkable initiative.

From Founder of ETAS

Twenty years ago, in 2004, ETAS was born out of a simple dream—a dream to give students a chance to shine, to grow and to believe in their abilities with enjoyment. Back then, I saw so many bright minds who deserved more than just classroom lessons, but the available dais is not sufficient to provide opportunity to develop, flourish and showcase the personality. They needed a space with guidance where they could explore their talents, develop skills and find their voice. I could established the Electronics and Telecommunication Association of Students (ETAS), with the wholehearted support of our Head of Department Prof. B.J Kayal and faculties

of the department Prof. S.R. Hirekhan, Prof. Samrat

Thorat, Prof. Bharati Thawali, Prof. Pooja Jain, Prof. Gajanan Nagoshe and Prof Archana Ahir. ETAS was founded with the intent to blend technical and non-technical pursuits, giving students a chance to thrive in diverse areas. Through ETAS, we have organized a variety of activities to cater to different interests including technical events, cultural and creative innovative, leadership opportunities and social outreach. Over the years, I have seen shy students become confident leaders, hesitant thinkers turn into innovators and small ideas grow into remarkable projects. This year we are celebrating 20 years of the Electronics and Telecommunication Association of Students (ETAS), I feel immense pride in how far this association has come since its inception in 2004. What started as a small initiative to provide opportunities to students has grown into a vibrant platform that has impacted countless lives. Over the years, ETAS has become a cornerstone of our department, fostering technical skills, leadership, and innovation. While we celebrate our achievements, there's always room for growth. As the field of electronics and telecommunications evolves, so must we. Here's to the next 20 years of excellence and innovation. For the future endeavours, I express my best wishes to all the stakeholders of ETAS namely Prof. R.R. Harne, Faculty Coordinator, HoD of the department Dr. P.R.Deshmukh for his guidance and timely support and all the students of the department who work for ETAS to keep it live.



Prof. D. V. Rojatkar
Founder of ETAS

From the Head of Department's desk

It is my pleasure to present this special 20th-anniversary edition of the "ETAS Chronicle". This milestone edition is a testament to the vibrant contributions of our students, Faculty and Alumni over the years. The magazine highlights ETAS's enduring commitment to excellence. I am especially proud of the collaborative efforts behind this publication, which captures both new initiatives and memorable events that unite us. My heartfelt thanks to every contributor for making this edition truly exceptional.

As Head of Department, I encourage our students to continue striving for excellence and to embrace every opportunity for growth. May The ETAS Chronicle continue to inspire pride and a strong sense of community within students for years to come.



Dr. P. R. Deshmukh
Head of Department

From ETAS faculty In Charge

As the faculty in charge of the ETAS, I am incredibly proud of the creativity and dedication our students have demonstrated in the creation of "ETAS Chronicle". This magazine reflects our collective pursuit of excellence and the vibrant intellectual spirit of ETAS.

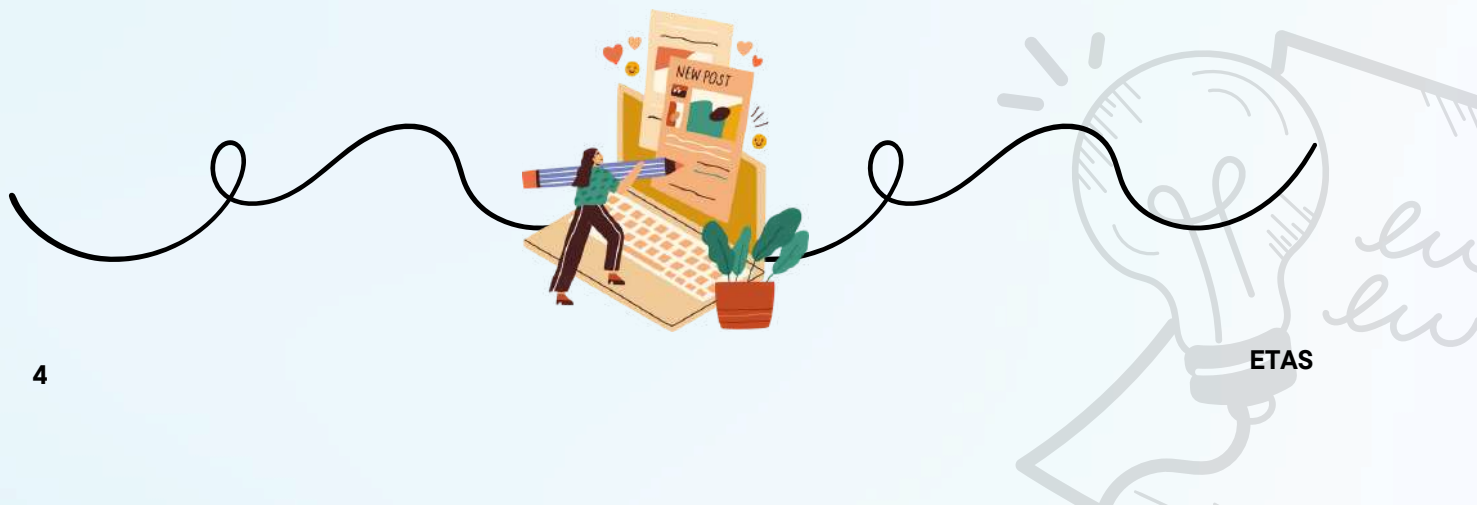
This year, as we celebrate 20 years of our association, we honor the journey that has cultivated the intellectual and professional growth of both our current students and esteemed alumni. I extend heartfelt congratulations to everyone involved in this milestone. Let us continue to explore, innovate and inspire for years to come.



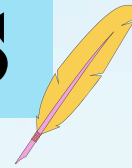
Prof. Radhika Harne
ETAS Faculty In-Charge

Table of Contents

1	20 YEARS OF ETAS	Pg-05
2	EVENTS UNDER ETAS	Pg-06
3	STUDENT'S WRITE-UPS	Pg-13
4	ART & PHOTOGRAPHY SECTION	Pg-19
5	STUDENTS ACHIEVEMENT	Pg- 26
6	COUNCIL & CO-ORDINATORS	Pg-30
7	PLACEMENT REPORT	Pg-39
8	ETAS 2024-25 COMMITTEE	Pg-43



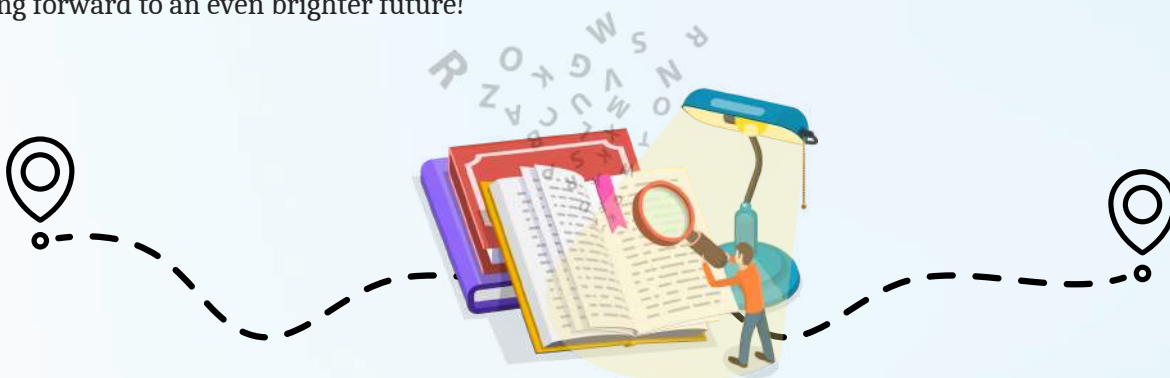
20 Years of ETAS



A twenty-year journey is not merely a passage of time but the lives crossed, dreams traversed, and ways met along the way. The journey for the Electronics and Telecommunication Association of Students (ETAS) is quite literally that one such legacy built upon the passion and dedication of its members since 2004. The department then operated on the first floor of the building, which today houses the Computer Science, IT, and Instrumentation departments. ETAS is not just a club but a platform for students. It was a platform to go beyond lectures and books to explore their potential. It was the place for discovering talents, testing ideas, building friendships, and making memories. An association built by the students, for the students, to grow together.

ETAS was built on the belief that technical knowledge alone isn't enough to shape a successful career. Classroom education lays the groundwork, but real growth happens through hands-on experiences, which ETAS provides. What started as a platform for organizing events has become a hub of learning practically, developing leadership skills and problem-solving skills. ETAS has made space for all technical workshops that spark curiosity to non-technical events that bring everyone together. One of its signature events is the "Shaurya Trophy", a fun yet competitive sports event where students from all years compete in indoor and outdoor games. Not only students but also teachers engage in sports activities. Beyond the trophies and cheers, it is about strengthening bonds and embracing the atmosphere of healthy competition.

One of the association's proudest moments came in August 2022 with the launch of its official magazine, "ETAS Chronicle". This initiative gave students a platform to express their ideas and artistic abilities while showcasing their ideas to a wider community. As ETAS now celebrates 20 years of this incredible journey, it is to be seen that the spirit is still very strong and vigorous. It was an initiative that has grown into a lively community. ETAS is more than an association; it's community, a legacy, and a story of passion, perseverance and progress. Here's honouring its inspiring past, celebrating its present, and looking forward to an even brighter future!



EVENTS UNDER ETAS

ideas



- Network Quest
- Reel Making Contest
- Debate Riot
- Intractive Session
- Word Wizard
- Poster Exhibition

9 AUGUST, 2024



Network Quest

The Network Quest Quiz, organised by the Electronics and Telecommunication Association (ETAS), aimed to assess student's knowledge on network generations from 1G to 5G. Held on August 9, 2024, the event drew 17 pairs of participants from the 2nd to 4th year of the Electronics and Telecommunication Department. The event was held under the guidance of Prof. R. R. Harne and Dr. P. R. Deshmukh. The quiz consisted of three challenging rounds. The dynamic multiple-choice question round utilized a buzzer system, testing quick thinking and network knowledge. The subsequent rounds featured match-the-following exercises, assertion-reasoning and crossword puzzles to evaluate comprehension and analytical skills. Mr. Arun Lilhare and Mr. Aditya Vaidya emerged victorious, with Mr. Vashishtha Padole and Mr. Chitresh Sawarkar securing the runner-up position. The event's success was attributed to the meticulous organization by ETAS committee members. Network Quest fostered teamwork, competitive spirit and knowledge sharing among participants.



WINNER AND RUNNER-UP



Reel Making Contest

- 17 August 2024

In commemoration of the 78th anniversary of Independence, 'ETAS' hosted an Online Reel-Making Contest. The contest was a resounding success, captivating a bountiful amount of entries that showcased the depth of talent and passion. Entries were open to the students from 2nd to 4th year of Electronics and Telecommunication Department. Contest was organized under the guidance of Prof. R. R. Harne and was meticulously coordinated by ETAS committee members. The participants were tasked with making the reel between 45 to 90 seconds that encapsulated the theme. The submissions had to adhere to guidelines ensuring before the due date of 18 August. The topics were as follows -

- Technological advancement by Indian Scientist
- History And Geography
- Contribution of army , Navy , Air force and other defense Forces
- Indian sport's person
- ISRO, DRDO, BARC and other space projects

The contest culminated in the recognition of incredible creativity and profound connection with respective themes. As the contest gained significant attention resulting in six entries from across the department. The winners for this contest were Mr. Kalpak Khobragade and Mr. Nayan Meshram, with the theme of accomplishments of ISRO, and, the runner ups were Mr. Om Mahulkar and Mr. Palash Khandelwal, distinguishing itself with the approach of tribute to the Indian athletes. 'ETAS' extends its heartfelt congratulations to the winners and all the participants and expresses their deep gratitude to organizers and committee members.

Prize winning reel of the contest :

https://www.instagram.com/reel/C_Daka4IbjE/?igsh=MTQzbWk3ZWNhZWZgZg= scientists



ETAS

31 AUGUST, 2024



Debate Riot



ETAS organized its first college-level event, Debate Riot, under the guidance of Prof. R.R. Harne. Hosted in the Electronics and Telecommunication Department, the competition saw participation from 12 teams representing various disciplines. The competition featured three rounds, beginning with a debate on "Government vs Private Jobs and Business vs Startups", judged by Dr. S.S. Thakre, Dr. D.V. Rojatkar, and Prof. P.L. Paikrao. Six teams advanced to the second round, which combined Scribble and Extempore activities designed to test creativity and spontaneity.

The finalists, Convince Us and Skeptic Alliance, debated the topic "Does Technology Make Us Lazy?" in the final round, judged by Prof. Harne and Dr. Rojatkar. Miss Purva Bisne and Miss Manvi Gupta from Convince Us were crowned winners, while Miss Harshika Wankhade and Miss Sneha Sawant from Skeptic Alliance secured the runner-up position. The event concluded with a felicitation ceremony led by the faculty and was lauded for its seamless execution, enthusiastic participation, and the ETAS committee's exceptional organization.

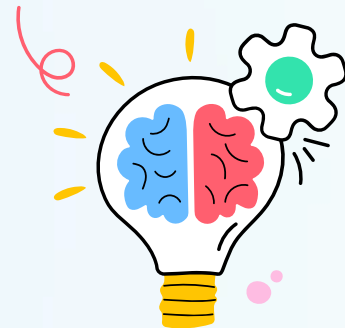
Interactive Session

-27 AUGUST, 2024



Shubham S Dainiwal

DIVE INTO THE HEART OF ELECTRONICS



Electronics and Telecommunication Department of ETAS hosted a speaker session on August 27, 2024. Mr. Shubham S. Dainiwal, a VLSI Engineer at Knorr-Bremse Technology Center India, emphasized the importance of core electronics and its role in driving innovation. He discussed VLSI, VHDL, and embedded systems and their applications in various industries. The speaker highlighted the significance of continuous learning and skill development through online platforms and the GATE exam. The session concluded with practical advice on job applications and career development in the core electronics sector.

18 OCTOBER, 2024

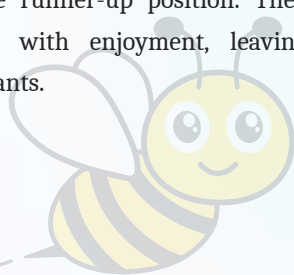


Word Wizard

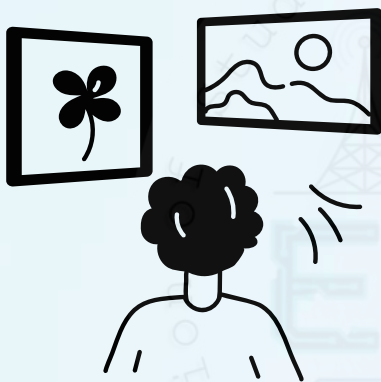
On October 18, 2024, the "Word Wizard Challenge" was held for students of first-year Electronics and Telecommunication Department, under the guidance of Prof. R.R. Harne and Dr. P.R. Deshmukh. The event aimed to enhance vocabulary, communication skills, and teamwork in a competitive yet fun atmosphere. More than 30 students participated, forming six teams: AGNI, DHANUSH, BRAHMOS, TRISHUL, ASHWIN, and AKASH.

The competition featured multiple rounds. Round 1 included a spell bee, identifying monuments, guessing chemical names, and spelling cartoon characters. Round 2 was filled with fun tasks like mimicking movie dialogues and rearranging jumbled words. The final round, Round 3, was a Head's Up challenge and a rapid-fire general knowledge quiz.

Team ASHWIN, with participants Miss Ragini Gaikwad, Miss Sae Adulkar, Mr. Ashwajit Dahiwade, Mr. Nirbhay Rathod, and Miss Sanskruti Deshmukh, clinched the top spot, while Team DHANUSH took the runner-up position. The event successfully combined learning with enjoyment, leaving a lasting impact on the participants.



28 OCTOBER, 2024



Poster Exhibition

On October 28, 2024, the Electronics and Telecommunication Association of Students (ETAS) at Government College of Engineering, Amravati, organized a Poster Exhibition on "Wireless Communication." The event provided final-year students with an opportunity to present their research through Posters, showcasing various aspects of wireless technology, from emerging trends to practical applications.

Held in the ET10 classroom, the exhibition was attended by distinguished guests, including Dr. P. R. Deshmukh, Head of the Department, and faculty members Prof. Shweta Meshram and Prof. D. B. Maheshwari, who offered encouragement and motivation to the students. Throughout the event, faculty actively engaged with presenters, posing insightful questions and fostering a dynamic learning environment.

The exhibition not only enhanced the students' technical knowledge but also helped them refine their communication and presentation skills. It successfully bridged the gap between academic theory and practical applications, highlighting the importance of wireless communication and preparing students to contribute meaningfully to the field.

Electronics And Telecommunication
Association of Student's



Student Writeups

Poems

Descendants of life

Life is not as easy we thought,
Because, the plant doesn't grow quickly in the pot.
Life is full of twist'n turns, with infinite rainbows,
Just like a tree grows from a single seed we sow.
Life must have values and discipline to being a successful,
Just like accidents happened on breaking the traffic rules.
Life is a magical box which always insists precious things,
So checked out which are those,
And are we have that became a bountiful human being???

- Miss Ashiwini Pathak
(2nd year)

किताब

जिंदगी पर एक किताब लिखेंगे
उसमे सारे हिसाब लिखेंगे
कुछ बदलते अपनो के लहजे
कुछ अपने टूटे ख्वाब लिखेंगे
कुछ अपने हालात लिखेंगे
उसमे ही सारी बात लिखेंगे
जो कह नही सकते
वो सारे जज्बात लिखेंगे
ज़िन्दगी पर एक किताब लिखेंगे
उसमे सारे हिसाब लिखेंगे.....

- Mr. Nirbhay Rathod
(1st year)



तो मैं जानू...

किताबें तो सब पढ़ लेते हैं,
कोरे कागज़ को पढ़ पाए, तो मैं जानू..

मोहब्बत तो सब करते हैं,
जिन्दगी भर साथ निभाए, तो मैं जानू..

साथ हूं तेरे तो सब कहते हैं,
कोई मेरी परछाई बन पाए, तो मैं जानू..

किसी का प्यार पाना तो सब चाहते हैं,
किसी पे अपना प्यार लुटाए, तो मैं
जानू..

खुश रहना तो सब चाहते हैं,
किसी को दुख न पहुंचे, तो मैं जानू..

मरने पर आंसू तो सब बहाते हैं,
कोई साथ दफ़न हो जाए, तो मैं जानू..

- Mr. Nirbhay Rathod
(1st year)

आजचे, उद्या राहणार नाही.

एक दिवस, प्रत्येकाचा नक्कीच सुदिन होणार,
प्रत्येकाच्या आयुष्यात नंदनवन खुलणार.
कुणाचाही आजचा दिवस, उद्या राहणार नाही.
आजची स्थिती पाहून, त्याला हसणे बरे नाही.
जो तो आपापले नशिब, स्वतः घडविणार.
राजाचा रंक आणि, रंकाचा राजा होणार.
आज काय आहे? उद्या कोण होणार?
याचा कुणालाच काही, अंदाज येणार नाही.
चहा विकणारा पण पंतप्रधान होतो.
अन् रिक्षा चालवणाराही, मुख्यमंत्री होतो.
पेपर टाकणारा, पोरगा कलेक्टर होतो.
म्हणून आज त्यांचा आदर करणार की नाही?
मनुष्य म्हणून तरी, त्याच्याकडे पहावे.
का हलकट, हलकट, म्हणूनी हिनवत रहावे?
याही गोष्टींचे नेहमीच, भान असावे..
आपण, आजच्या सारखे, उद्या राहणार नाही.
मी काय होतो, आणि आता काय आहे?
जीवनात याची सदा जाण ठेवत रहावे.
एक एक पायरी चढत शिखरावर जावे,
पण पायरीलाच विसरणे व्यवहारीक नाही.
सत्ता आली, पैसा आला तर गर्व का करावे?
आज आहे, उद्याही राहील, असे का ठरवावे?
आपण सारे समान आहो, असे का न मानावे?
कुणामुळे काम अडेल, हे सांगता येत नाही.

-- Mr. Om Mahulkar
(2nd year)

सपनो की दुनिया

सपनों की इक मीठी धुन है,
गाँव की गलियों का जादू,
हर आँगन की बात पुरानी,
कहानी में छुपी वो खुशबू।
नदी किनारे बचपन बीता,
खेतों में महकी थी धानी,
सपनों में वो दृश्य सजीले,
जैसे हो रेत पे कहानी।
खेतों की उस पगडंडी पर,
चलते हैं सपने, नंगे पांव,
मां के हाथों की रोटी की खुशबू,
छिपी है उन सपनो की छांव।
साँझ ढले जब थकान सताए,
आँगन में बिछी हो चादर पुरानी,
सपनों में वही झोपड़ी आ बसे,
जहाँ गुज़रा था बचपन की यादे सुहानी।
चौपालों की छांव तले,
गीतों की इक बयार बहे,
सपनों में बस वही सुहाने,
बचपन के सच्चे पल रहे।
मिट्टी की महक और बारिश की बूँदें,
सपनों में बुनती हैं अपने गीत,
बूढ़े बाबा की पोथी के किस्से,
हर रात लाते हैं नये मीत।
सपनों की ये झाँकी सजीले,
कभी खेत की हरियाली में खो जाएं,
कभी ओस की बूँदों सी झलके,
कभी तारे बन आँखों में चमक जाएं।
यही तो हैं वो सपनों की बातें,
जिनमें बसा है सच्चा जीवन,
जैसे गाँव की सादगी में छिपा हो,
हर दिल का अनकहा अपनापन।

-- Mr. Harsh Salunke
(2nd year)

Article

SHADES OF MODERN INDIA

Techy India

Modern India is an exciting mix of the old and the new, a country in which the ancient and the modern form an exciting kaleidoscope that reflects the story of a progressive nation. A major point of national pride in India has been, the recent massive technological advancement in the nation. Cities such as Bengaluru, the 'Silicon Valley of India,' have developed into international technology centers. This technological wave has spurred economic growth and transformed India into a significant force in the digital sphere.

Atmanirbhar Bharat

The journey of the country towards self-reliance, driven by the "Atmanirbhar Bharat" programme, is transforming the avatar of the Indian economy. Focusing on localization, innovation, and agriculture strengthens India; it is steadily rolling back its reliance on imports and building a more robust economy. This step towards autonomy is a testament to the increasing sense of confidence in India.

Emerging world power

Around the world, India's role is increasingly more potent in politics and in defense. Due to the development of missiles, space, and military technologies, India is positioned as a world power. On the diplomatic side, India walks a tightrope, developing relations with the key powers and, at the same time, forming regional cooperation through initiatives such as the International Solar Alliance and the "Act East" policy.

Women empowerment

Progress in gender equality is clearly visible. Even greater numbers of women are pursuing leadership positions and engaging in fields that have traditionally been dominated by men. Women are making new strides and significant contributions in education, in the workplace, defence and in politics. This push for gender empowerment is contributing to the creation of a more equal and vibrant society.

Education

There has been a massive change in education with the creation of an incredible number of educational opportunities available to everyone. India has one of the biggest education systems in the world, and policies, such as the Right to the Education Act, are making sure that every child is provided with quality education to equip him/her with necessary skills to face the future challenges.

Unity in diversity

Religious diversity remains at the heart of India's identity. Although there have been occasional problems, the Indian mosaic of religions remains strong as a bastion of unity in diversity—a celebration of the power of living together.

World's biggest democracy

Since India is now the biggest democracy in the world, it is illuminating as an exponent of democratic values. The presence of continued periodic elections, an effective judicial system, and the participation of its members in the political process in large numbers all showcase the strength of the democratic system of India, the acceptance of the concept of political pluralism, and freedom.

Future

Modern India is a society where vintage knowledge is combined with the energy of the creative. It is a country of becoming more self-sufficient and world-important, self-assured and secure in its distinctiveness and future.

—Mr. Harsh Salunke
2nd year

लेख

एक जीवन

घराचं आधार सोडून शिक्षणासाठी एका अनोळखी शहरात आलो. आपल्या माणसांपासून 350 किलोमीटर दूर, एका स्वप्रासाठी संघर्ष करायला. मागे फिरायला काही नव्हतं; फक्त जिद्द, मेहनत आणि स्वतःला घडवण्याची तगमग घेऊन इथं आलो होतो. नवीन जागा, अनोळखी चेहरे, साधं घरचं जेवणही मिळना. कधी मसालेदार “मेसचं” जेवण मिळायचं, तर कधी भयंकर जेवण सुद्धा झेलावं लागायचं. उन्हाळ्यातल्या ४४ अंश तापमानात घामानं निथळत दिवस काढायचे, त्या उन्हाचा अनुभव तर आजही अंगावर येतो. पण ह्या सगळ्या संघर्षांतून फक्त एकच विचार मनात होतं – आपलं स्वप्न, आपलं ध्येय.

सगळं झेलत होतो, पण मनाच्या एका कोपऱ्यात घरच्या मायेची आठवण नेहमीच रहायची. आईच्या काळजीचा तो आवाज, बाबांचं तसंच प्रेमळ डोळ्यांतलं हसू, आणि घरातली शांतता – सगळंच पुसटस पडलं होतं. आठवड्यांनंतर आठवडा उलटत होता, पण अभ्यासात मात्र पुन्हा पुन्हा अडथळे येत होते. अपयश आल्यावर कधी वाटायचं, “चुकीचा मार्ग तर निवडला नाही ना?” पण त्याच क्षणी ठरवलं की या अपयशाला हरवायचं. कारण इथं हार मानणं पर्याय नव्हता.

त्या काळात ती आयुष्यात आली, एक वेगळीच ऊर्जा घेऊन. हसरी, आत्मविश्वासानं भरलेली आणि एकदम स्वप्रासारखी वाटणारी! तिच्यात नकळत माझा साथीदार दिसायला लागला. तिच्या हास्यात काहीतरी वेगळं होतं, तिचं प्रत्येक वागणं माझ्या एकटेपणावर मलमपट्टी करायचं. पण जसजसं ओळख वाढत गेली, तसतसं तिचं खरं रूप समोर आलं – तिचं प्रेम तसंच होतं, फक्त आपल्या सोयीसाठी, ती आपल्याच दुनियेत हरवलेली होती, जिच्यासाठी इतरांच्या भावना फक्त एक साधन होतं. ह्या सत्याने मनावर एक ठेच लागली, पण त्याच वेळी हेही समजलं की हे प्रेम, हे स्वप्न कधीच वास्तवात उतरणार नव्हतं. एकतर्फी प्रेमाचा अनुभव तर मिळाला, पण त्या प्रेमाची आस सोडून देणंही जमलं. मन फार दुखलं, पण हळूहळू शांतपणे पुढे जाण्याचा निर्णय घेतला.

या सगळ्यांसोबत शिक्षणातल्या अडथळ्यांनी अजून संघर्ष दिला. एक अपयश मागे, तर दुसरं समोर उभं! असं वाटायचं, “काय आपण खरंच इथं यायला हवं होतं का?” परंतु त्या विचारांना मागे टाकून पुन्हा मेहनत सुरू ठेवली. दिवसेंदिवस अभ्यास करून, कितीही अडथळे आले तरी लढत राहिलो – कारण स्वतःला सिद्ध करणं ही खरीच परीक्षा होती.

आणि मग तो क्षण येई, जेव्हा घरचं लक्षात येई, अन सुट्टी मिळाल्यावर एकच विचार मनात असे – घरी जाणं. त्या प्रवासातली उत्सुकता सांगता येणं कठीण आहे. बसमध्ये बसून ३५० किलोमीटरचा तो प्रवास करताना आईच्या चेहऱ्यावरची प्रसन्नता, बाबांचं प्रेमळ हास्य आणि घरातला सुगंध लांबूनच डोळ्यासमोर येई. घरी पोहोचल्यावर, आईच्या मिठीत हरवून जायचं, आणि सगळे लाड करण्यासाठी तोच हक्काचा टेबल समोर असायचा.

पण त्या सुट्टीचे दिवस उडून जात, आणि पुन्हा कॉलेजला परतण्याची वेळ येत असे. त्यावेळी घर सोडताना मनातलं कसं सांगू? जड पावलांनी घरी निरोप देताना एक गोळाच दाटून येई. कॉलेजला परतण्यासाठी निघताना मनात विचारांचा एकच गर्दी असे – कधी एकदा शिक्षण संपवून घरी परतू, कधी एकदा हे दूर जाणं संपेल?

आज मागे वळून पाहताना त्या सगळ्या क्षणांसाठी मनातून आभार वाटतात. एकतर्फी प्रेमाचा एक अनुभव, परत परत आलेलं अपयश, घरापासून दूर राहण्याचा एकाकीपणा आणि ३५० किलोमीटरचा तो प्रवास – या सगळ्यांनी मला घडवलं, मला आत्मनिर्भर बनवलं. आता मी वेगळा आहे – अधिक मजबूत, स्वावलंबी, आणि स्वतःच्या स्वप्रांसाठी सज्ज.

आता जगण्याची कला हळूहळू शिकतो आहे. कारण या प्रवासातूनच स्वतःला ओळखतोय. संघर्षांनी मला तयार केलंय, स्वप्रांचा संग्राम चालू आहे. माझं “एक जीवन” अजून सुंदर होतंय, आणि एक दिवस यावरचा विजयाचा आनंद खऱ्या अर्थानं मनात साठवून ठेवेन!

–Mr. Rushikesh Kale
(3rd year)

Technical Write-ups

EXPANSION AND IMPACT OF 5G NETWORKS: ENHANCING

Communication for Pet Trackers

The expansion of 5G networks is transforming various industries, including pet tracking technology. With pet ownership on the rise globally, the need for more advanced tracking solutions has grown. The roll-out of 5G networks promises to make pet trackers more reliable and efficient, giving pet owners greater peace of mind.

5G networks offer much faster data transfer speeds, lower latency and stronger connectivity compared to 4G. For pet trackers, this means real-time location updates with minimal delays, allowing pet owners to track their pets with remarkable accuracy. This is especially useful for keeping an eye on pets that tend to wander or for those that enjoy outdoor adventures.

The wider coverage of 5G networks also ensures that pet trackers work even in more remote areas. This is a significant benefit for pet owners living in rural regions or those who frequently travel to places where traditional network coverage is limited. With 5G, pet trackers can maintain a constant connection, offering continuous monitoring and reassurance for owners.

Additionally, the increased data capacity of 5G allows for the integration of extra features such as health monitoring. Sensors can be added to track a pet's vital signs, activity levels and environmental factors, giving owners a fuller picture of their pet's health and wellbeing. This turns pet trackers into more than just location devices; they become comprehensive health tools.

In summary, the expansion of 5G networks is set to greatly enhance the capabilities of pet trackers, making them faster, more dependable and packed with features. As 5G technology spreads, the pet tracking industry is likely to undergo a significant transformation, improving the safety and health management of pets everywhere.



-Ms. Dnyeshwari Ade
2nd year

SMART HOME ECOSYSTEMS AND MARKET COMPETITION

Influence of Indoor Plant Sensors

The rise of smart home ecosystems is fostering intense market competition, with companies vying to offer the most innovative and interconnected devices. One intriguing area of growth within these ecosystems is the development of indoor plant sensors, which are transforming how people care for their plants and manage their homes.

Indoor plant sensors are small devices designed to monitor various conditions such as soil moisture, light levels, temperature and humidity. By collecting this data, these sensors can provide real-time insights and alerts to plant owners, ensuring their plants receive optimal care. This not only helps keep plants healthy but also simplifies plant care for busy or less experienced owners.

As part of a smart home ecosystem, these sensors can communicate with other devices, such as smart lights or irrigation systems. For example, when a sensor detects low light levels, it can signal smart lights to adjust accordingly. Similarly, if the soil is too dry, an automated watering system can be triggered. This integration creates a more seamless and efficient way to manage indoor plant care, making it more accessible and appealing to a broader audience.

The growing popularity of indoor plant sensors has spurred competition among smart home companies to provide the best solutions. Companies are investing in improving sensor accuracy, expanding compatibility with various plant types and enhancing user-friendly interfaces for easier management.

In summary, the inclusion of indoor plant sensors within smart home ecosystems is not just enhancing plant care but also driving innovation and competition in the smart home market. As technology continues to advance, these sensors are likely to become a standard feature in many homes, offering both convenience and improved plant health management.

-Mr. Vedant Chaware
2nd year

Technical Write-ups

ADVANCEMENTS IN AI-INTEGRATED SEMICONDUCTORS: IMPACT ON GAMING CONSOLES AND SMART REFRIGERATORS

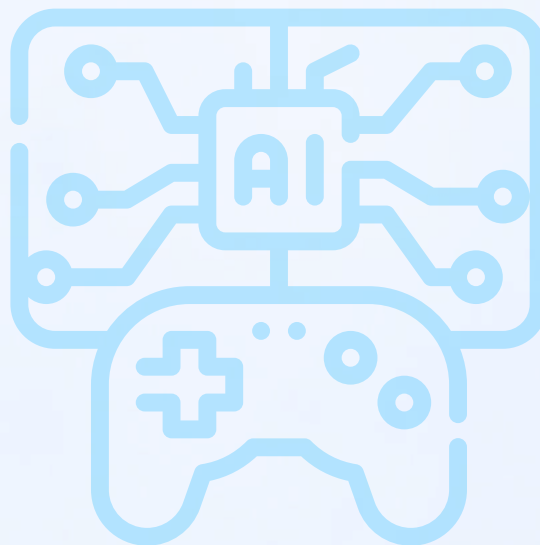
Advancements in AI-integrated semiconductors are reshaping the consumer electronics landscape, with significant impacts on both gaming consoles and smart refrigerators. These sophisticated semiconductors are designed to enhance performance, efficiency and functionality, making everyday devices smarter and more capable.

In the realm of gaming consoles, AI-integrated semiconductors are revolutionising the gaming experience. They enable consoles to process data more quickly, reduce latency and deliver more realistic graphics. This results in smoother gameplay, faster loading times and a more immersive experience for gamers. Additionally, AI algorithms embedded in these chips can optimise power consumption, allowing consoles to operate more efficiently without compromising performance. As gaming continues to push the boundaries of realism and complexity, AI-integrated semiconductors are crucial in keeping pace with these demands.

Smart refrigerators are also benefiting from these advancements. AI-integrated semiconductors allow refrigerators to become more intuitive and responsive. They enable features such as real-time inventory tracking, which can alert users when they are running low on certain items. Some models can suggest recipes based on the ingredients available, helping to reduce food waste. Furthermore, AI can improve energy efficiency by learning usage patterns and adjusting cooling settings accordingly, resulting in lower electricity bills.

These semiconductors also pave the way for enhanced connectivity in smart homes, as devices become better at communicating with each other and adapting to users' needs. This integration not only boosts the functionality of individual devices but also enhances the overall smart home ecosystem.

In summary, the advancements in AI-integrated semiconductors are driving significant improvements in gaming consoles and smart refrigerators, making them more powerful, efficient and user-friendly. As AI technology continues to evolve, its integration into everyday electronics is set to transform the way we interact with our devices, leading to smarter, more responsive environments.



-Ms. Krushna Bhuyar
2nd year

Art



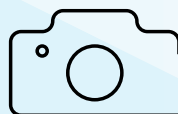
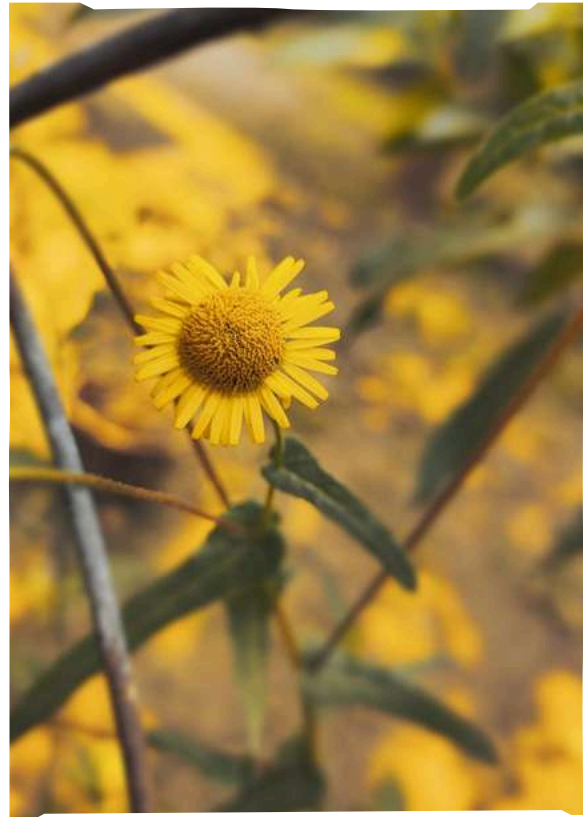
Photography



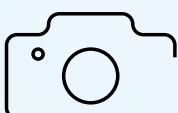
Photographs



Miss Shravani Pohokar
2nd Year



Miss Samruddhi Kirtane
1st Year

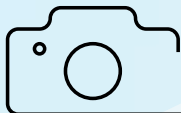


Mr. Om Mahulkar
2nd Year

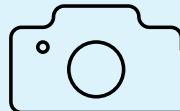


Mr. Palash Khandelwal
2nd Year

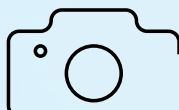
Photographs



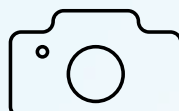
Mr. Om Mahulkar
2nd Year



Mr. Sudhanshu Wankhede
4th Year



Mr. Yash Randive
3rd Year



Mr. Nirbhay Rathod
1st Year

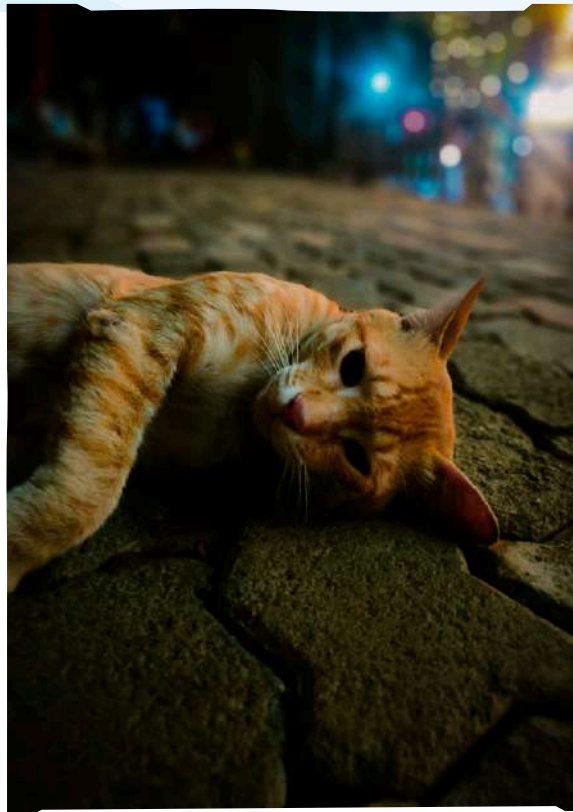
Photographs



Miss Vividha Vaidya
2nd Year



Mr. Sudhanshu Wankhede
4th Year

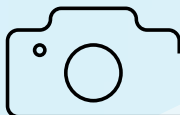


Mr. Yash Randive
3rd Year

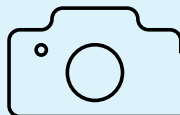
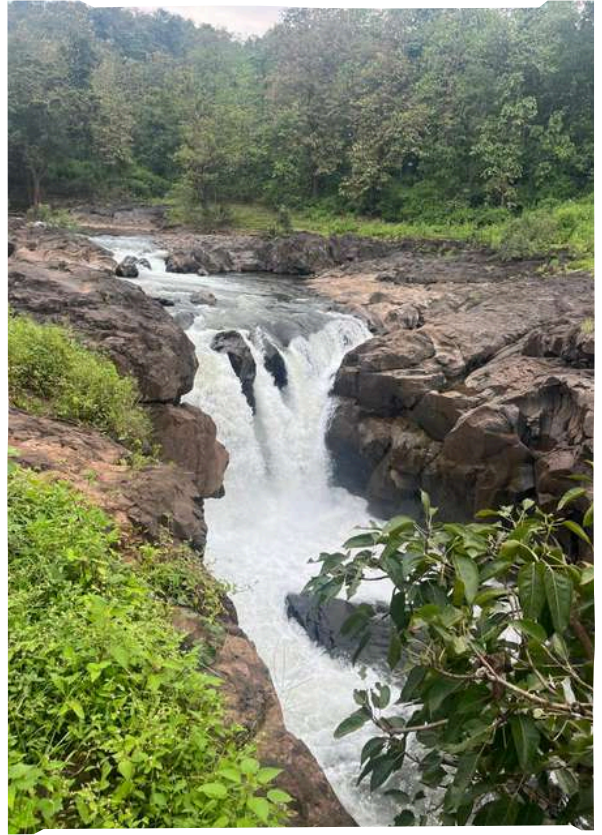


Mr. Aaditya Vaidya
3rd Year

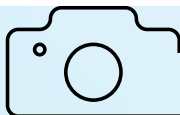
Photographs



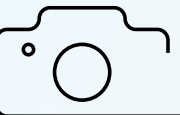
Miss Akanksha Deshmukh
3rd Year



Miss Dnyaneshwari Ade
2nd Year



Miss Krushna Bhuyar
2nd Year



Mr. Yash Randive
3rd Year

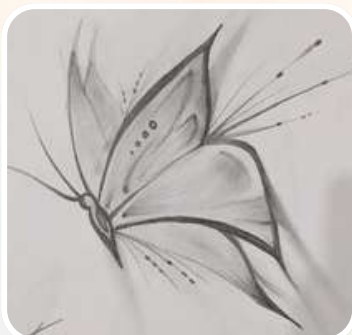
A



Miss Samrudhi Take
1st Year



Miss Aboli Gawali
3rd Year



Miss Shravani Pohokar
2nd Year



Miss Samrudhi Take
1st Year



Miss Aboli Gawali
3rd Year

A



Miss Shravani Pohokar
2nd Year



Miss Akanksha Deshmukh
3rd Year



Miss Samrudhi Take
1st Year



Miss Aboli Gawali
3rd Year

STUDENT ACHIEVEMENTS





Mr. Himanshu Prakash Patankar [Third Year]

Achieved the Gold Medal for "Best Cadet Public Speaking".

Participated in an **NCC** event organized by the **8 MAH Battalion NCC**, affiliated at the university level. The event provided a platform to enhance discipline, leadership, and teamwork skills. It was a valuable experience contributing to my personal and professional growth.

1

* *

Mr. Uday Kashyap [Third Year]

Achieved 1st place in the KCT Basketball Tournament, as part of a team.

Secured **1st** place in the **KCT Basketball Tournament** as a key member of the team. This achievement highlights strong teamwork, coordination, and dedication to the sport, contributing to the overall success of the group.



* *



Miss Vividha Vaidya [Second Year]

Secured 2nd place in the Melodic Mania competition organized by Sipna College of Engineering at the state level.

This individual performance showcased my musical talent and dedication, earning recognition in a highly competitive environment. It was a proud moment that strengthened my confidence and artistic skills.

* *

3



Miss Gargi Ingole [Second Year]

Achieved the title of Most Valuable Player (MVP) in Badminton under KCT demonstrating exceptional skill and sportsmanship in the tournament.



Earned the title of **Most Valuable Player (MVP)** in Badminton under **KCT**, showcasing outstanding skill, agility, and sportsmanship throughout the tournament. This recognition highlights my dedication and consistent performance in the sport.

* *

4

Miss Nupur Subhash Tawar [Third Year]

Performed at the Akhand Ghungroo Naad, a prestigious national festival organized by the Natraj Art and Cultural Centre.

5

I Showcased **versatility** in performing **arts**, demonstrating a range of skills and creativity. This experience allowed me to connect with renowned artists and gain valuable insights into diverse cultural traditions, enriching my artistic journey.



* *



Mr. Lokesh Bodhane [Second year]

Lokesh Bodhane and Team "Brand Builders" Successfully participated in the Entrepreneurship Conclave at Meraz 5.0, IIT Bhilai's Annual Techno-Cultural Fest.



We Showcased **entrepreneurial talent** and innovative thinking at **IIT Bhilai**, demonstrating creativity, strategic planning, and problem-solving skills. This platform provided an opportunity to present unique ideas and collaborate with like-minded individuals, fostering growth and innovation.

6

* *





Mr. Vedant Raut [Fourth Year]

Participated and Represent our college in the national-level robotics competition. **DD ROBOCON 2024** Which is hosted by IIT Delhi at **Thyagraj Stadium**.

Collaborated with a team to design and implement innovative **robotic solutions**, competing against some of the best minds across the country. This experience enhanced my technical expertise, problem-solving abilities, and teamwork, making it a memorable and enriching journey.

* *

7

8

Mr. Mihir Jaiswal [FourthYear]

2nd best actor in comic role

At *shubharambh karandak* arranged at state and inter College competitions organized at **HVPM** on **26th Oct 2024**

Competing against **talented performers** from various institutions, I showcased my comedic timing, expression, and stage presence. This recognition not only celebrated my acting abilities but also motivated me to further refine my craft and explore diverse roles in theater.



Miss Mukta Maharkhede [Fourth year]

Honored with the **Best Attacker Award** in **Kho-Kho (Girls)** at the prestigious **Kalpna Chawla Trophy 2024**

This **achievement** reflects my exceptional speed, strategic thinking, and determination on the field, contributing significantly to my team's performance. Competing at this level allowed me to demonstrate my **athletic skills** and reinforced my passion for the **sport**.

6



COUNCIL & CO-ORDINATORS

POST HOLDERS IN
ZENITH, KCT, ALUMNI, NCC



NATIONAL CADET CORPS (NCC)



CDT. Sudhanshu Wankhade
Secretary
(NCC)
4th Year



CDT. Vedant Raut
(NCC)
4th Year



CDT. Prathamesh Jiotode
(NCC)
3rd Year



CDT. Himanshu Patankar
(NCC)
3rd Year



CDT. Arya Kuralkar
(NCC)
3rd Year



KALPANA CHAWALA TROPHY



Miss Gargi Ingole
2nd Year
Joint - Secretary
(Badminton)



Mr. Jayash Moharkar
3rd Year
Secretary
(Table Tennis)



Miss Krushna Bhuyar
2nd Year
Joint - Secretary
(Indoor Games)



Mr. Pratik Devkate
2nd Year
Joint - Secretary
(Indian Games)



Mr. Mayur Salotkar
3rd Year
Secretary
(Indian Games)



Miss Apeksha Garje
2nd Year
Joint - Secretary
(Indian Games)



Mr. Mandar Shirsude
2nd Year
Joint-Secretary
(Hand Ball & Soft Ball)



Mr. Himanshu Patankar
3rd Year
Secretary
(Athletics)

ZENITH



Mr. Anurag Wagh
4th year
Convenor
(Reception & Valedictory)



Mr. Satyajeeet Deshmukh
4th year
Secretary
(Zenith)



Mr. Mihir Jaiswal
4th Year
Co-Convenor
(Dance Committee)



Mr. Adwait Vaidya
4th Year
Convenor
(Sugam Sangeet)



Miss Sanika Ghormade
3rd Year
Convenor
(Documentation Committee)



Mr. Himanshu Patankar
3rd Year
Convenor
(Discipline Committee)



Miss Sneha Sawant
3rd Year
Convenor
(Anchoring Committee)



Mr. Shahu Deshmukh
3rd Year
Convenor
(Illumination)



Mr. Akash Mahajan
4th Year
Convenor
(Aura of Arts)



Mr. Jayash Moharkar
3rd Year
Co-Convenor
(Stage & Pandal Arrangement)



Miss Rutuja Jadhav
3rd Year
Co-Convenor
(Designing & Networking)



Miss Akanksha Deshmukh
3rd Year
Co-Convenor
(Aura of Arts)

ZENITH



Mr. Palash Khandelwal
2nd Year
Co-Convenor
(Video Shooting & Photography)



Mr. Satyajeeet Deshmukh
4th Year
Convenor
(Drama Committee)



Mr. Om Mahulkar
2nd Year
Co-Convenor
(Designing & Networking)



Mr. Vedant Chaware
2nd Year
Co-Convenor
(Documentation Committee)



Miss Dnyaneshwari Ade
2nd Year
Co-Convenor
(Zenith Expressions)



Mr. Urvish Rode
2nd Year
Co-Convenor
(Reception & Valedictory)



Miss Vasanti Bonde
2nd Year
Co-Convenor
(Prize Distribution)



Miss Purva Bobade
2nd Year
Co-Convenor
(Drama Committee)

ICAESD



Mr. Pranay Lunge
4th Year
Convenor
(Inaugural/Valedictory)



Mr. Shreehari Umap
4th Year
Convenor
(Finance)



Mr. Satyajeet Deshmukh
4th Year
Convenor
(Cultural Program)



Mr. Jayesh Moharkar
3rd Year
Co-Convenor
(Stage Management And Decoration)



Miss Sneha Sawant
3rd Year
Convenor
(Inaugural/Valedictory)



Mr. Om Rathod
3rd year
Convenor
(Accommodation)



Mr. Yash Randive
3rd Year
Convenor
(Departmental Coordinator)



Miss Sharvari Sawarkar
3rd Year
Co-Convenor
(Departmental Coordinators)



Mr. Jayesh Moharkar
3rd Year
Co-Convenor
(Accommodation)

ICAESD



Miss Tejal Jamane
3rd Year
Co-Convenor
(Publicity)



Miss Sharvari Sawarkar
3rd Year
Co-Convenor
(Keynote Address/Special Sessions)



Mr. Prathamesh Jiotode
3rd Year
Co-Convenor
(Registration)



Mr. Sandesh Hambarde
3rd Year
Co-Convenor
(Registration)



Mr. Om Mahulkar
2nd Year
Co-Convenor
(Internet/Data centre support)



Mr. Urvish Rode
2nd Year
Co-Convenor
(Reception & Valedictory)



Mr. Palash Khandelwal
2nd Year
Co-Convenor
(Video Shooting & Photography)

GLAM

Global Alumni Meet



Miss Aarti Bhande
3rd Year
Co-Cordinator
(Overall)



Mr. Mihir Jaiswal
4th Year
Convenor
(Entertainment)



Miss Sharvari Sawarkar
3rd Year
Convenor
(Anchoring Committee)



Mr. Adwait Vaidya
4th Year
Convenor
(Entertainment Committee)



Miss Sakshi Sinha
3rd Year
Convenor
(Printing Committee)



Miss Arya Kuralkar
3rd Year
Co-Convenor
(Registration Committee)



Mr. Shahu Deshmukh
3rd Year
Convenor
(Illumination)



Mr. Jayash Moharkar
3rd Year
Co-Convenor
(Stage & Pandal Arrangement)



Miss Gayatri Fale
2nd Year
Co-Convenor
(Documentation)



Miss Amisha Deshmukh
2nd Year
Co-Convenor
(Hospitality)



Mr. Palash Khandelwal
2nd Year
Co-Convenor
(Video Shooting & Photography)

GLAM

Global Alumni Meet

The Government College of Engineering, Amravati, hosted the prestigious Global Alumni Meet 2024 on December 26-27 as part of its Diamond Jubilee celebrations. The event was a memorable occasion for alumni to reconnect with their alma mater, celebrate their achievements and contribute to the college's ongoing progress. The meet inaugurated with the grand opening of the Spandan Auditorium, marking a new chapter in the college's infrastructure. The event featured Inspiring keynote speeches, cultural performances and tree plantation drive, all aimed at fostering unity and promoting sustainability. Notably, The contributions of Electronics and Telecommunication alumni Er. Shailesh Potdar (1997), Er. Subodh Patil (1997), Er. Mangilal Rathod (1992), Er. Madhukar Gudadhe (1992), Er. Pragyanandan Khadse (2000), Er. Nilesh Bhelkar (2001), Er. Shyam Todkar (1992), Er. Mrs. Ketaki Marathe (2001), Er. Mrs. Ishwar Raut (1999), Er. R. G. Tayade (1992), Er. Rajesh Tiwari (1990), Er. Nitin Chiraniya (2000) and Er. Pravesh Barapatre (2000) were a focal point of inspiration. Their outstanding milestones and dedication to their fields serve as a guiding light for current students, embodying the college's vision of excellence. The Global Alumni Meet 2024 was not only the enduring legacy of Government College of Engineering, Amravati, but also reinforced the invaluable connection between its past and present.



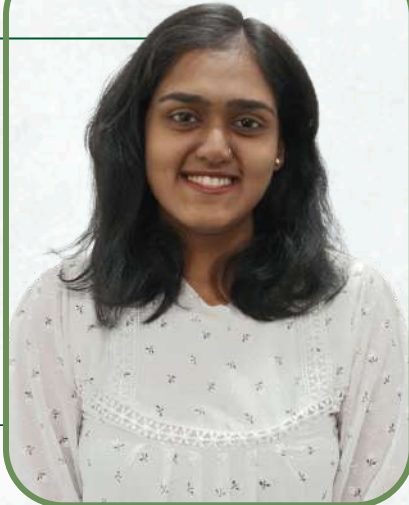
Placement 2024



Placement 2024

1

Miss Anushka Ashish Gupta
Company: Siemens Technology
and Services Pvt. Ltd.
Package: 5 LPA



Mr. Samarth Vijay Deshmukh
Company: TCS
Package: 3.36 LPA

2

3

Mr. Rushikesh Arun Gaware
Company: HCL Tech
Package: 4 LPA



Placement 2024



Miss Mansi Rajesh Khodke
Company: Siemens Technology and Services Pvt. Ltd.
Package: 5LPA

4

5

Mr. Saurabh Parmeshwar Patil
Company: TCS Digital
Package: 7LPA



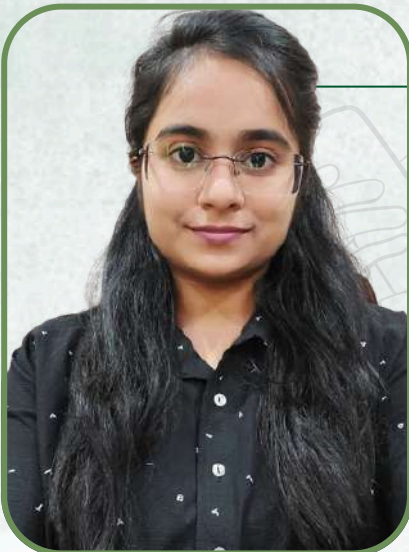
Miss Renuka Sanjayrao Ghawde
Company: Siemens Technology and Services Pvt. Ltd.
Package: 5LPA

6

Placement 2024

7

Miss Sakshi Purushottam Ladole
Company: Siemens Technology
and Services Pvt. Ltd.
Package: 5 LPA



Miss Sukhada Vijay Mohod
Company: HCL Tech
Package: 3.25 LPA

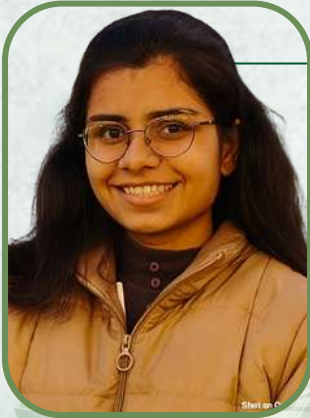
8

9

Miss Sejal Surendra Kawalkar
Company: SEDEMAC Mechatronics
Pvt. Ltd.
Package: 3.5 LPA



Placement 2024



Miss Prachi Naresh Narad
Company: Siemens Ltd.
Package: 5 LPA

10

11

**Miss Samrudhi Prashant
Deshmukh**
Company: Siemens
Package: 5 LPA



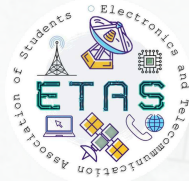
Mr. Viraj Kadu
Company: TCS
Package: 9 LPA

12

13

Mr. Dhawal Chandrahas Ladwe
Company: Siemens
Package: 5 LPA





ETAS

Committee

2024-25



Meet The Faces Behind ETAS

OVERALL | CONVENOR



Mr. Mihir Jaiswal Miss Sakshi Sinha

III | YEAR | CONVENOR



Mr. Yash Randive Miss Sharvari Sawarkar

III | YEAR | CONVENOR



Mr. Pratik Deokate Miss Dnyaneshwari Ade

ORGANIZING COMMITTEE



Mr. Jayash Moharkar



Mr. Abhay Kherde



Miss Arya Kuralkar



Mr. Sandesh Hambarde



Mr. Devashish Rathod



Miss Vividha Vaidya



Mr. Urvish Rode



Mr. Palash Khandelwal



Miss Purva Bobade



Miss Pratiksha Sundewale



Miss Samruddhi Pawar

SOCIAL MEDIA

H A N D L E R



Mr. Om Rathod

DESIGNING

C O M M I T T E E



Mr. Vedant Chaware



Mr. Aditya Vaidya



Mr. Chaitanya Giri

MAGAZINE

C O M M I T T E E



Miss Krushna Bhuyar



Miss Gayatri Fale



Miss Apeksha Garje



Miss Sharwari Pawar



INSTAGRAM
etas_gcoea



LINKDIN
ETAS GCOEA



YOUTUBE
etas_gcoea