



**BHARATI VIDYAPEETH  
COLLEGE OF ENGINEERING  
NAVI MUMBAI**

**BITS & BYTES  
2022 - 2023**



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# BHARATI VIDYAPEETH COLLEGE OF ENGINEERING



BHARATI VIDYAPEETH IS AN ORGANIZATION ESTABLISHED IN THE YEAR 1964 BY OUR RESPECTED FOUNDER DR. PATANGRAOJI KADAM. IT HAS TODAY CREATED HISTORY BY ESTABLISHING 187 EDUCATIONAL INSTITUTES IMPARTING EDUCATION FROM THE PRE- PRIMARY STAGE TO THE POSTGRADUATE STAGE WITHIN A SHORT SPAN OF 44 YEARS. AT BHARATI VIDYAPEETH, OUR OBJECTIVE HAS BEEN TO CONTRIBUTE TO INTELLECTUAL AWAKEN- ING AND SOCIAL TRANSFORMATION IN DIFFERENT SPHERES SUCH AS EDUCATION, ECONOMIC, SOCIAL, AND CULTURAL FIELDS IN INDIA AND MORE PARTICULARLY IN MAHARASHTRA. OUR COMMITMENT AND DEDICATION HAVE BEEN TOWARDS CATERING TO THE NEEDS OF CORPORATE INDIA BY PROVIDING QUALITY EDUCATION AND BRINGING ABOUT AN ALL-ROUND DEVELOPMENT OF A WIDER CROSS- SECTION OF THE POPULATION INCLUDING WOMEN, TRIBAL AND RURAL PEOPLE. ALWAYS A STEP AHEAD, IN MAY 1995 THE DEPARTMENT OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA, ON THE RECOMMENDATIONS, OF THE UNIVERSITY GRANTS COMMISSION ACCORDED THE STATUS OF DEEMED UNIVERSITY TO 26 IN- INSTITUTIONS OF BHARATI VIDYAPEETH. IN THE YEAR 2000, THREE MORE INSTITUTIONS WERE ACCORDED THE SAME STATUS. WITHIN SUCH A SHORT PERIOD, THE PERFORMANCE OF BHARATI VIDYAPEETH IS ACCREDITED TO NONE OTHER THAN THE MAN HIMSELF DR. PATANGRAO KADAM.

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Founder Of Bharati Vidyapeeth

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# LATE DR. PATANGRAO KADAM

Our mission at Bharati Vidyapeeth is to identify and pre- pare leaders for the new millennium and also to cope-up with the increasing demand for leaders in modern society.

Institute of Management is a workshop where today's youths are shaped up as effective managers of tomorrow. Apart from the study of their regular syllabi, the students should get fair and proper opportunities to

express their views and ideas, especially in the field of Management, which plays a vital role in the modern era.



The youth should be molded and equipped with courage, self-determination, and dedication d must be in a position to overcome any sort of difficulty with introspection.



Keeping this in mind, we should start the brainstorming process of management students, because today's youths are building blocks of tomorrow's society. I am sure, "hard work brings surprising results" and we are second to none

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Secreatry, Bharati Vidyapeeth

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# DR. VISHWAJEET KADAM

It Is heartening to know that Bharati Vidyapeeth College of Engineering, Navi Mumbai's Department of Computer Engineering is bringing out its Annual Technical Magazine "BITS & BYTES". Engineers play the most vital role in nation- building. They create new inventions using the best-engineered technologies to make human life more comfortable, secure, and productive. At the outset, I send my greetings to the Editorial Board of "BITS & BYTES", for working on a Magazine best in all aspects. The magazine should be a good source of guidance for faculty and coming batches of students in choosing activities of their choice in their future for building their careers.





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Director, Bharati Vidyapeeth Navi  
Mumbai Campus

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# DR. V.J. KADAM

It gives me great pleasure to know that Bharati Vidyapeeth College of Engineering, Navi Mumbai's Department of Computer Engineering is coming up with its yearbook "BITS & BYTES". India has set its vision to join the committee of the developed nation and this would be achieved if Indians combine their minds with their hearts. We would touch technical heights but we would not compromise our age-old values and traditions. The students have expressed their emotions in the best possible manner and I wish them all the best.

I believe this magazine will provide us the benchmark for continued improvement in the overall development of the College and the Students. I also appreciate the efforts of the Editorial team who have done an excellent job in compiling this magazine.



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Principal Of BVCOE  
Navi Mumbai

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# DR. SANDHYA JADHAV

Each issue of our Department magazine is a milestone that marks our growth, unfolds our imagination, and gives life to our thoughts and aspirations. It unleashes a wide spectrum of creative skills ranging from writing to editing and even in designing the magazine.

One of the greatest landmarks of an educational institution is the emancipation of the Annual Magazine and I feel privileged to announce the launching of "Happening", the Annual Technical Magazine of the Department of Computer Engineering.

It would provide a platform for the budding engineers to express the technical side of their personalities and "Happening" would go on to become the voice of generations to come.

The essence of Engineering and Management education which has spread in India is a very positive sign not only to cater to domestic needs but provide manpower to the entire world and become the biggest technically trained community. Bharati Vidyapeeth College of Engineering is a venture contributing to this Endeavour



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## Head Of Computer Engineering Department

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# DR. D.R.INGLE

New technology is bringing opportunities along with the new skill set requirements and challenges. Globalization is bringing competitiveness in every domain. Engineers have to fit into the requirements of companies that recruit across the globe. With the massive, near exponential increases in the amount of data to be processed, we need to completely change our traditional 'sequential instruction execution' way of thinking.



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Here is a small note to all our readers from the chief editor and his co-editors which will help you readers to understand better.

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# ***Editor's Note***



The world is moving very fast and new technologies are coming up every week. We need to be proactive and enthusiastic in learning about these cutting-edge tools and research. Buzz words Metaverse, Hadoop, Cloud Computing and Parallel Computing are slowly becoming pervasive and are the new revolution. The most important aim of students should be to absorb as many of these new technologies as they can.

They must explore, invent and innovate. Read up on algorithms, discuss them, and identify points where they can be improved. Research, collaborate, and excel. The students are our future and I believe that with students from BVCOE, the future does look bright.

***PROF. RAHUL PATIL***

Editor-in-Chief

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***BITS  
AND  
BYTES***





*Ahmed Ali*

"Welcome to the Bits and Bytes Magazine! We're thrilled to share our latest issue with you, filled with inspiring stories, captivating images, and thought-provoking ideas from our talented contributors. As co-editors, we're proud to present a diverse range of perspectives and voices that showcase the creativity and ingenuity of our college community."

*Sneha Dubey*

**Co- editor**

# Co-editor's Note



## In this issue

Hello readers, hope you enjoy reading the entire magazine! It describes how the entire year went and what all creativity our department students have. We have tried to create a best collection of all the things by clubbing it together in this magazine. Thankyou !

# *From Sci-Fi to Reality:*

## *A Look at AR and VR Advancements*

### ***Introduction***

Virtual Reality (VR) and Augmented Reality (AR) are transformative technologies that have taken the digital world by storm. With the ability to immerse users in artificial environments or overlay digital information onto the real world, these technologies have revolutionized the way we experience and interact with our surroundings. In this article, we will explore the concepts of VR and AR, their applications across various industries, and their potential to shape the future.



### ***Understanding Virtual Reality (VR)***

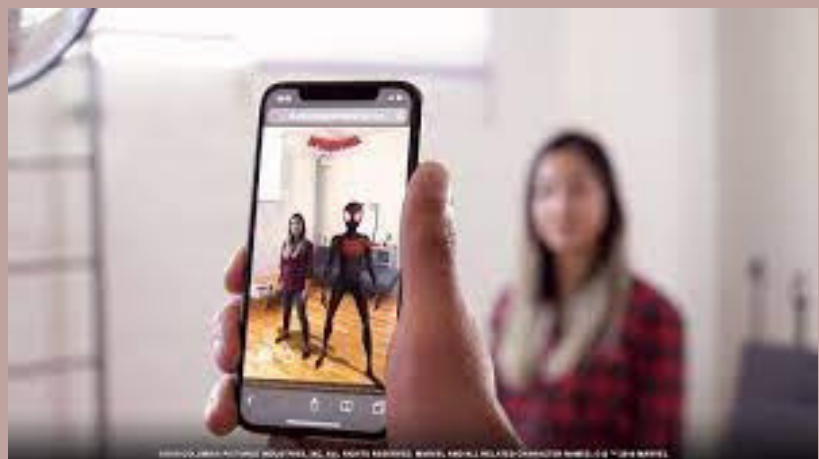
VR is a technology that creates an entirely computer-generated environment, placing users in a 3D simulated world. Through specialized headsets, users are fully immersed in these virtual realms, allowing for a truly immersive and interactive experience. VR applications range from entertainment and gaming to training and simulation, enabling users to explore new worlds, practice skills, or even overcome fears in a controlled environment.

### ***Augmented Reality (AR) - Bridging the Real and Virtual Worlds***

AR, on the other hand, enhances our real-world environment by overlaying digital content on top of it. Unlike VR, AR does not require users to be fully enclosed in a virtual space; instead, they experience the amalgamation of the real and digital worlds through smartphones, smart glasses, or other devices. Popular AR applications include navigation systems, educational tools, and interactive advertising campaigns.

### ***Conclusion***

Virtual Reality and Augmented Reality are groundbreaking technologies that have reshaped our digital landscape. From gaming and education to healthcare and design, their applications span across various industries. As we look ahead, the evolution of VR and AR holds the promise of an increasingly interconnected and immersive world, revolutionizing the way we perceive and experience reality.



*- Avinash Dubey*

# *India's Next Big Step: 5G Unveiled!*

On October 1, 2023, India embarked on a groundbreaking technological journey with the launch of 5G, marking a significant milestone in the nation's digital transformation. The arrival of fifth-generation wireless technology promises to revolutionize communication, empower industries, and redefine the way we interact with the world.



With the introduction of 5G, India joins a select group of countries that have embraced the future of connectivity. This new era brings a host of advantages, including faster data speeds, lower latency, and increased network capacity, all of which are set to reshape industries and fuel innovations.

One of the key benefits of 5G is its unparalleled speed. Compared to 4G, 5G offers up to 100 times faster data rates, enabling users to download and upload data with unprecedented efficiency. This tremendous boost in speed will enhance the overall user experience and pave the way for applications that were once unimaginable, from seamless augmented reality experiences to ultra-high-definition video streaming.

Lower latency is another remarkable aspect of 5G. With latency reduced to mere milliseconds, interactions between devices and networks will become almost instantaneous. This is critical for applications that demand real-time responsiveness, such as autonomous vehicles, remote surgeries, and smart city infrastructure. Furthermore, 5G's increased network capacity will ensure a stable and reliable connection even in densely populated areas.



The launch of 5G will also have far-reaching implications for industries. For instance, the manufacturing sector can embrace Industry 4.0 with enhanced automation and predictive maintenance, leading to improved efficiency and reduced operational costs. Healthcare providers can leverage 5G to offer telemedicine services, extending healthcare access to remote areas. Similarly, the education sector can adopt innovative learning techniques with virtual classrooms and augmented reality learning experiences.

While the deployment of 5G holds immense promise, it also comes with its challenges. A successful rollout requires significant infrastructure upgrades, including a widespread deployment of new base stations and fiber optic cables. Additionally, concerns about the security and privacy of data in a highly interconnected world must be addressed effectively.

To ensure a smooth transition to 5G, the government, private sector, and technology providers must work collaboratively. Policymakers need to create an enabling environment by streamlining regulations and providing incentives to encourage investments in 5G infrastructure. Simultaneously, service providers should focus on enhancing network coverage to reach remote areas, fostering digital inclusion across the country.



In conclusion, the launch of 5G in India on October 1 is a watershed moment that will usher in a new era of connectivity, transforming industries, and empowering communities. The unparalleled speed, lower latency, and increased network capacity of 5G will pave the way for innovations that we can only dream of today

- Jay Ghodvinde



# AI Empowered Conversations

## Enhancing Conversations with Advanced Language Models

Chatbots have evolved significantly in recent years, thanks to advancements in natural language processing and artificial intelligence. One remarkable example is the ChatGPT AI bot, powered by the GPT-3.5 architecture developed by OpenAI. This article explores the capabilities and impact of ChatGPT in enhancing conversational experiences across various applications.



### ***Understanding ChatGPT AI Bot:***

ChatGPT is an advanced language model designed to generate human-like responses to user inputs. It leverages deep learning techniques and large-scale training data to understand context, provide relevant information, and engage in meaningful conversations.

### ***How ChatGPT Works:***

ChatGPT employs a transformer-based neural network, enabling it to process and generate text effectively. It analyzes the input sequence, identifies patterns, and generates responses based on its training data. With its vast repository of knowledge, ChatGPT can handle a wide range of queries and provide informative and coherent answers.

### ***Benefits and Limitations:***

- a. Benefits: ChatGPT's versatility, speed, and ability to handle diverse tasks make it a valuable tool for individuals and businesses alike. It enhances productivity, saves time, and streamlines processes.
- b. Limitations: Despite its capabilities, ChatGPT may sometimes produce inaccurate or biased responses due to its training data. Efforts are ongoing to address these issues and improve its performance.

## Chat GPT:



Deciphering  
the new artificial intelligence

### ***Applications of ChatGPT AI Bot:***

- a. Customer Support: ChatGPT assists businesses by offering personalized customer support around the clock, resolving queries, and addressing concerns efficiently.
- b. Content Generation: Bloggers, writers, and marketers use ChatGPT to generate content ideas, draft articles, and optimize SEO content.
- c. Language Translation: ChatGPT can translate text from one language to another, facilitating cross-lingual communication.

## Ethical Considerations:

As AI language models become more pervasive, ethical considerations are essential. Safeguards must be in place to prevent misuse and ensure responsible AI deployment. OpenAI and other organizations continually work on refining AI systems' behavior to reduce harmful outputs.

ChatGPT AI bot, built on the GPT-3.5 architecture, utilizes transformer-based neural networks to process user inputs, generating human-like responses across diverse applications. Its applications include customer support, content generation, code writing, language translation, and educational assistance, revolutionizing how businesses and individuals interact with AI. As ChatGPT's popularity grows, ethical concerns surrounding biased outputs and misinformation demand attention. OpenAI and the AI community continually strive to improve the model's performance.



ChatGPT AI bot represents a significant milestone in natural language processing and AI advancements. Its ability to understand and engage in conversations with users opens up new possibilities across industries. As technology continues to evolve, responsible implementation remains crucial to harnessing the full potential of ChatGPT while minimizing potential risks.

*- Jay Ghodvinde*

# The Rise of Cryptocurrencies



## **Introduction:**

Cryptocurrency, a revolutionary concept in the financial world, has been garnering immense attention and sparking debates since its inception. Digital currencies, such as Bitcoin, Ethereum, and many others, have redefined the way people perceive money and transactions. This article delves into the history, functioning, and impact of cryptocurrencies on the global economy, shedding light on both the promises and challenges they present.

## **The Birth of Cryptocurrency:**

The roots of cryptocurrency can be traced back to 2009 when an anonymous entity using the pseudonym Satoshi Nakamoto introduced Bitcoin, the first decentralized digital currency. Based on blockchain technology, a decentralized ledger system, Bitcoin aimed to eliminate the need for intermediaries like banks and governments in financial transactions.

## **How Cryptocurrencies Work:**

At the heart of cryptocurrencies lies blockchain technology. In simple terms, blockchain is a distributed and immutable ledger that records all transactions across a network of computers. Each block contains a list of transactions, and once verified by a consensus mechanism, it is added to the chain, forming an unalterable history of all transactions.

## **The Rise and Fall in Value:**

Cryptocurrencies have experienced extreme volatility in their value over the years. Bitcoin, for instance, witnessed meteoric rises in its price, leading to widespread euphoria, followed by significant crashes that left investors disheartened. We explore the factors that influence cryptocurrency prices and how they differ from traditional assets.

## **Conclusion:**

Cryptocurrencies have evolved from a mysterious concept to a dynamic force impacting the global financial landscape. Whether they represent the future of money or remain a speculative asset, there is no denying that they have left an indelible mark on the world of finance. As the cryptocurrency space continues to evolve, it is essential for individuals, institutions, and governments to stay informed and cautiously embrace this paradigm shift in the way we perceive and use money.



- Daji Adelskar

# *Exploring the Revolutionary ABC ID: A Game-Changer in Digital Authentication*

As per National Education Policy 2020, the Academic Bank of Credits (ABC) has been envisaged to facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country with an appropriate "credit transfer" mechanism from one programme to another, leading to attain a Degree/ Diploma/PG-diploma, etc.,

It is a credit facility originally envisioned by the Government of India in the National Education Policy (NEP) 2020. The scheme has the provisions of creating a digital infrastructure that will store the academic credits earned by the students of various higher education institutes within the country.

The ABC will be entrusted with the responsibilities such as opening, closing, and verifying the individual academic accounts of students. It'll also be responsible to gather the academic credits earned by the students from their respective higher education institutions, verify the credits, store the credits, transfer or redeem such credits, and promote them as and when required among its stakeholders.

Students will have to manually open an account with the Academic Bank of Credit of India and abide by the standard operating procedures as communicated to them by the ABC along with a unique ID that identifies a student's account with the ABC.

The bank will start functioning with over 290 top Indian higher education institutions participating in the academic session 2021-2022. Among these will have all institutes that are in the list of top 100 of the National Institutional Ranking Framework (NIRF) and also all those institutes which are accredited "Grade A" by the National Assessment and Accreditation Council (NAAC)

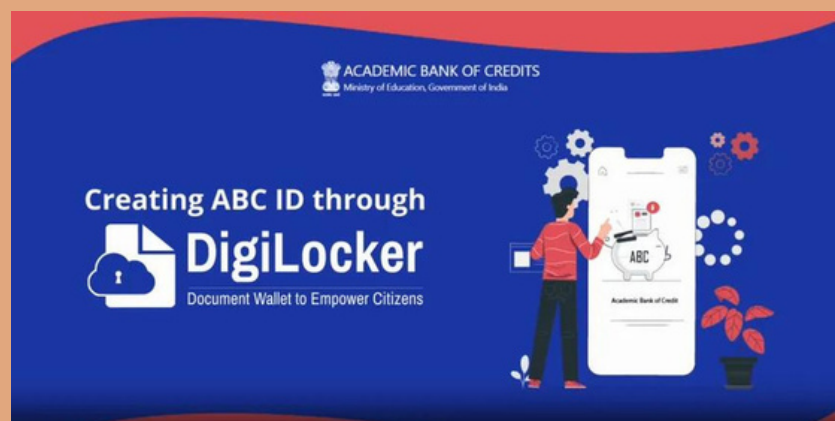
## Features

- Allows academic institutions to lodge and maintain the integrity of the credits
- Maintains the authenticity and confidentiality of student credits
- Easy credit transfer through digital mode
- Faster credit recognition

## Significance of Academic Bank of Credit

The credits stored in the individual accounts of the students will give them a much larger scope of freedom in terms of their academic/career choices.

The students will be able to drop out of their institute from any year/semester and exchange the credits earned so far with a certificate/diploma if eligible. They will also be able to redeem the credits and rejoin the same institute or some other institute of his/her choice at the same time or some other time in future and continue from the year/semester his education is pending from.



- Daji Adelskar



# DIVINE DELIGHTS

In a jubilant celebration that resonated with devotion and camaraderie, the Boys' Hostel of our college came alive on September 6th, 2022, as the reverberating chants and aroma of Ganpati Mahaprasad filled the air. The day commenced with a heartfelt aarti dedicated to Lord Ganesha, invoking blessings and a sense of unity among the residents.

The event was a testament to the college's rich cultural tapestry, as students and staff congregated to partake in the timeless tradition. The aarti session served as a poignant reminder of the auspiciousness of the occasion, connecting hearts and minds in reverence.



Following the soul-stirring aarti, the distribution of prasad commenced, symbolizing the divine blessings bestowed upon all who gathered. The camaraderie and shared joy of this cherished moment further reinforced the sense of community within the hostel.

As the days passed, the idol of Lord Ganesha stood as a beacon of devotion and inspiration, radiating positivity and hope. On September 10th, the event culminated with the ceremonial immersion of the idol in water, bidding a fond farewell to the physical form while preserving the spirit of unity and reverence.



The Ganpati Mahaprasad event not only enlivened the Boys' Hostel with a festive spirit but also fostered a sense of togetherness that transcended cultural and individual boundaries. It is a reminder that in our diverse community, such celebrations weave the fabric of our shared heritage and values.



- Sneha Dubey

# Nurturing the Next Tech Innovators

## The Essence of the Tech-Post Event

In the ever-evolving realm of technology, fostering creativity and nurturing innovative ideas becomes paramount. On the 20th of March 2023, our college took a significant stride towards this direction by hosting a captivating event - the Tech-Post Event. This dynamic event provided a platform for budding minds to showcase their prowess in the fields of Machine Learning (ML), Deep Learning (DL), and their real-world applications. The event not only celebrated technological innovation but also brought together the college community in a spirit of camaraderie and intellectual exchange.



The event kicked off on a bright note at 10 AM, signaling the commencement of a day filled with excitement and discovery. Students from various departments converged to witness the amalgamation of technology and creativity, as teams presented their meticulously crafted posters. These posters bore testimony to the relentless efforts and tireless hours spent by students in researching, designing, and refining their ideas.

The presentations centered around two central themes: Machine Learning (ML) and Deep Learning (DL). It was truly inspiring to witness how these young minds leveraged these advanced technologies to address real-world challenges. The posters encapsulated a diverse array of applications, ranging from healthcare to finance and from agriculture to entertainment. The profound impact of ML and DL on these domains was brilliantly illuminated through the well-conceived and aesthetically pleasing visual aids.







After the poster presentations, an engaging and intellectually stimulating Q&A session followed suit. This session allowed students to delve deeper into the concepts underpinning their posters, demonstrating their in-depth understanding of the subjects. The insightful questions posed by both peers and faculty revealed the depth of research and conceptual clarity that the participants had cultivated.

One of the most cherished moments of the event was the photo session. With the Head of the Department (HOD), Principal, and other esteemed faculty members in attendance, participants got the opportunity to capture memories that would undoubtedly remain etched in their hearts and minds. The collective energy and enthusiasm radiating from this session were palpable, underlining the sense of unity that such events foster within a college community.

As the event progressed, anticipation hung thick in the air, culminating in the announcement of the winner. The crown of victory was firmly placed on the team led by Sachin Rathod, a third-year student from the Computer Science department. The triumph of Sachin and his team underscored their dedication, teamwork, and innovative thinking that set them apart in a competitive arena.



In retrospect, the Tech-Post Event stands as a testament to the power of innovation and collaboration. The event not only celebrated technological advancements but also highlighted the promise of the future, where young minds will undoubtedly steer the course of innovation with their fresh ideas and boundless enthusiasm. The event's success serves as a stepping stone towards a future where technology continues to shape and transform our world in unimaginable ways.

- Snehal Zope

# Harmonious Homecoming

## Alumni Grace the Stage at Enchanting Singing Event

In a heartwarming event that echoed with nostalgia and musical resonance, the BVCOE campus was graced by the presence of an illustrious alumnus on the 20th of January. Anurag Mohn, a former student of BVCOE, Navi Mumbai, returned to his alma mater to perform his soul-stirring composition, 'Dil Ko Rulaya'. The event, presented by SMVT Music, marked a significant milestone for the college, celebrating the remarkable achievement of one of its own.



The auditorium was charged with an air of anticipation as Anurag Mohn took to the stage. The audience, a mix of students, faculty, and fellow alumni, was captivated by his mesmerizing rendition of 'Dil Ko Rulaya'. The song's heartfelt lyrics and Anurag's emotive delivery left an indelible impression on the audience, evoking a symphony of emotions and memories.

The event not only showcased Anurag's musical prowess but also served as an inspiring example of the college's nurturing environment for talent. Anurag's journey from a student within these walls to a successful artist is a testament to the quality of education and support offered by BVCOE.



The college community takes immense pride in Anurag Mohn's achievement and his willingness to share his talents with the campus. This musical evening created a bond that transcends time, connecting current students with their accomplished alumnus. As the echoes of 'Dil Ko Rulaya' lingered in the air, it served as a reminder that the college's legacy continues to be enriched by the successes and contributions of its alumni.

- Rohit Baing



# *Building Success Together: The Impact of PTMs on Student Growth*

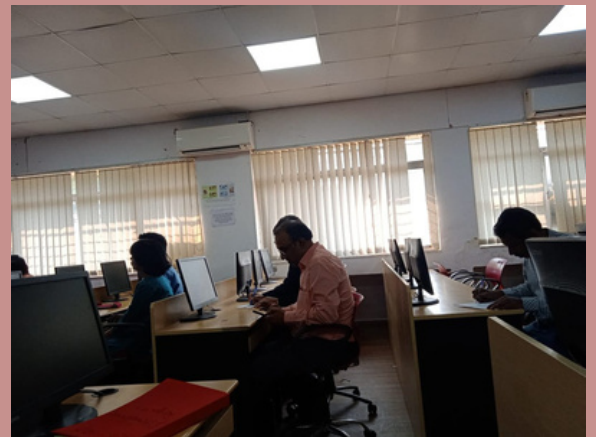
On 4th March 2023, we witnessed a fruitful Parent-Teacher Meet, fostering a stronger bond between educators and parents. The event provided a platform for parents to engage with faculty members, gain insights into their child's academic progress, and share their valuable feedback.

During the meet, parents were presented with their child's report cards, allowing them to comprehend their academic performance and overall growth. Teachers explained each student's strengths and areas for improvement, initiating constructive discussions to jointly devise strategies for academic enhancement.

Moreover, the attendance records were also presented to parents, highlighting the importance of regular attendance and its impact on a student's success. This emphasis on attendance reinforced the significance of punctuality and dedication in the pursuit of education. A key component of the meet was the feedback form, thoughtfully designed to capture parents' perspectives on the college's academic environment, teaching methods, and overall student support. This feedback proved instrumental in identifying areas of improvement and refining educational practices to better cater to the needs of the students.

The Parent-Teacher Meet not only strengthened communication channels but also deepened the understanding of each student's unique qualities and challenges. It was heartening to witness the dedication and enthusiasm of parents, actively participating in their child's educational journey.

Thus parent's teachers meet on 4th March 2023 was a resounding success. It showcased the commitment of both parents and teachers to collaborate for the holistic development of the students. Such events play a pivotal role in building a harmonious and supportive educational community, enabling students to thrive academically and personally. With this positive momentum, we look forward to even more productive engagements in the future, fostering the growth and success of our students.



*- Diwan Madiha*

# *MOU Signed with reliable academy*

*Empowering the Students*

On October 14, 2022, our college took a momentous step towards nurturing the aspirations of civil service aspirants as it hosted a seminar conducted by the esteemed Reliable Academy. The seminar centered around UPSC (Union Public Service Commission) and MPSC (Maharashtra Public Service Commission) examinations, offering valuable insights and guidance to the students. The event proved to be an enlightening experience for all attendees, equipping them with the necessary tools to embark on their journey towards cracking these prestigious exams.

The significance of the day did not end there. A Memorandum of Understanding (MOU) was also signed between our college and Reliable Academy, forging a strong partnership to facilitate online coaching for UPSC and MPSC exams. Commencing on October 2, the online coaching program was designed to provide comprehensive and accessible guidance to aspiring civil servants.

With this partnership, our college seeks to instill in its students the confidence and competence required to crack the tough nut of UPSC and MPSC examinations. The program's flexible approach will cater to the diverse needs of aspirants, equipping them to face the challenges posed by these competitive exams head-on.

In conclusion, the seminar and MOU signing with Reliable Academy signify a transformative initiative by our college to empower students with the best resources for their UPSC and MPSC preparation.



- Sneha Yadav



# Creating Impact: A Glimpse of NSS Camp



While studying, we owe something to the society, to the country, that's why a camp is organized on the basic topics of society on labor culture, health care and tribal development under the National Service Scheme at Bharti Vidyapeeth Engineering College, Navi Mumbai.

This camp is going at Satkarma Shraddhashray, Dehrang, Panvel, Dist.Raigad.

Satkarma Shraddashray is a charitable organization established by ordinary people working in factories with the aim of helping the needy, weak and deprived members of the society as much as possible.

This charitable institution in Babadev Wadi Dehrang area of Panvel taluka at the foothills of Matheran. Various social activities like Goshala, tribal student hostel, tribal health services, medicinal plant and fruit plantation are implemented. Basically this place was chosen for our camp to show the special students how such institutions are run in a disciplined manner.

This camp is organized under the guidance of the principal of the college Dr. Sandhya Jadhav and with the efforts of Prof. Dr. Ramesh Deshmukh and other professors. There Bapat sir is conducting this camp and activities here in a very disciplined manner.



Early in the morning, going to the nearby hill for exercise and yoga as prayer. In nature, in front of the rising sun and in the cool air, children also exercise well. After having breakfast in the morning, at Waghachi Wadi Raigad Zilla Parishad Primary School, in the tribal wadi here, the children were taught the importance of education by singing patriotic songs, awakening songs and the importance of education to the girls. .



The headmaster of the school, Mr. Rajendra Waghmare sir, walks three to four kilometers every day. Sarambaddal felt proud to see that they teach well without any modern facilities.

All members gathered and taught the importance of education to the young students of the school.

All of us did not even know when we went into childhood with these little students. Later, chocolates and biscuits were distributed to the school students

In the afternoon, Shramdan campaign was conducted, in which the garden was cleaned.

Students must have got a importanceof the hard work that our farmers do while working in the soil in the garden....

In the evening Dr. Laxman Zajam, Yoga Teacher gave a very useful lecture on Yoga and Health.



At night, eating gawari bhaji, hot chapatis, dal rice for dinner in the lined courtyard, two grasses were too much. Very tasty and sattvic food.

Students are running this camp very well with a sense of social commitment while pursuing their engineering education. Both Chaitali and Vansh along with their team members are managing the entire camp in a very disciplined manner.....!!

- Aniruddha Giri



# IP & START-UP ECOSYSTEM SEMINAR



In an era driven by rapid technological advancements, the importance of intellectual property (IP) in fostering innovation and nurturing the startup ecosystem cannot be overstated. Recognizing this significance, Duxlegis, a renowned legal consultancy firm, organized an enlightening seminar on IP and the startup ecosystem at Bharti Vidyapeeth College of Engineering in Kharghar. The seminar aimed to educate budding entrepreneurs, technologists, and legal enthusiasts about the crucial aspects of IP and its role in shaping the dynamic world of startups.

Duxlegis, an esteemed legal consultancy firm specializing in IP and business law, has consistently championed the cause of protecting and promoting innovation. Their team of legal experts, comprising seasoned attorneys and IP specialists, have been instrumental in guiding entrepreneurs and businesses in navigating the complex landscape of IP rights. With their vast experience and in-depth knowledge, Duxlegis has become a trusted advisor to many startups and organizations seeking to safeguard their intellectual assets.

The Duxlegis seminar was an enriching experience for all participants. The event served as a catalyst for fostering innovation and creating awareness about the legal aspects of the startup world, empowering aspiring entrepreneurs to protect and monetize their intellectual assets.

A colorful poster for the 'LIVE WORKSHOP on IP & START-UP ECO-SYSTEM IN INDIA'. The poster features the DuxLegis logo, a lightbulb icon, and the text 'LIVE WORKSHOP on IP & START-UP ECO-SYSTEM IN INDIA'. It also includes the date '28<sup>th</sup> February-2023', the time '02:00PM - 04:00PM', and the location 'Department of Computer Science, Bharati Vidyapeeth College of Engineering, Navi Mumbai'. Two speakers are featured: Divyendu Verma and Sphuri Dalodria. The poster also includes the LES logo and the Bharati Vidyapeeth logo.

- Tanzeefha Nair



# Bidding Adieu



A college farewell is not just about saying goodbye to your seniors. Rather, it is about encouraging and giving your best wishes to them

on their  
new journey

Bidding farewell to a person or even the thought of doing so is quite a shuddering idea to look into. It becomes quite difficult when deep bonds are forged and lifelong friendships are made.

We, at Bharati Vidyapeeth College of Engineering bid adieu to the batch of 2023 on the 20th of April with a series of entertaining games and gifts that represented a token of love.

The students expressed their gratitude towards

their beloved teachers. Some delivered speeches relating to their 4 years of experience. Some could not but stop their tears. Some sang on the stage while some also catwalked for the audience.

The ceremony came to an end with the touching speech of the president expecting the success of the students in each and every sphere of life.

With hundreds of memories made during fests to the IV trips to bunking classes or to just spending all those years together all tied up in a bundle of joy, it's time we wish our seniors all the luck for their future endeavours.

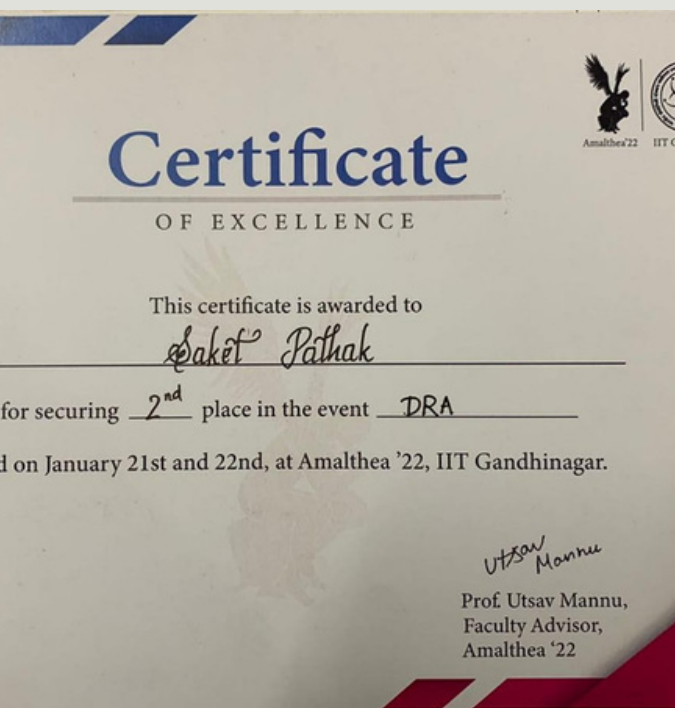


- Srushti Chore



SECOND PLACE IN

# IDRL DRONE RACE



It is with great pride and enthusiasm that we celebrate the exceptional achievement of Saket Pathak, a talented student from the Computer Science department at our engineering college. Saket's remarkable success in the IDRL Drone Race has not only brought immense honor to himself but has also put our institution on the map in the world of competitive drone racing. His outstanding performance and dedication have set a shining example for all aspiring engineers and enthusiasts.

Saket Pathak's victory in the IDRL Drone Race is a testament to his extraordinary skills, relentless perseverance, and unwavering passion for technology. This highly competitive event attracted participants from across the country, making Saket's triumph all the more remarkable. As a student of our college, he has showcased the depth of talent and expertise nurtured within our academic community.

Saket's achievement goes beyond mere victory; it symbolizes his ability to innovate and push the boundaries of what is possible. His exceptional piloting skills, coupled with his deep understanding of drone technology, allowed him to navigate through challenging obstacle courses with precision and agility. His strategic maneuvers and quick decision-making skills propelled him to the forefront of the competition.



- Niharika Choubey



# MEDICOVER HOSPITALS

Another feather in the cap as, the name brand Bharati Vidyapeeth, launches a leading multi-specialty hospital in Navi Mumbai. The Hospital had a grand opening on the 23rd of January 2023, Inaugurated by the Hon'ble Chief Minister of Maharashtra, Shri Eknath Shinde; Hon'ble Deputy Chief Minister of Maharashtra, Shri Devendra Fadnavis. The Chief Guests, Hon'ble Former Chief Minister of Maharashtra, Shri Ashok Chavan and Hon'ble Former Revenue Minister of Maharashtra, Shri Balasaheb Thorat

A board of highly qualified doctors, specialists, and medical staff with years of experience in their respective fields with a dedicated nursing staff at the facility, always available to assist patients during the recovery phase of their treatments. Promising to deliver best-in-class clinical outcomes by offering a fine quality, that is feasible for all the patients as well as their well-wishers, 24\*7 emergency care services, and ultra-modern health facilities using vast medical expertise and advanced healthcare technologies and equipment.



High-end diagnostic facilities, providing the latest diagnostic techniques, such as Cath Lab with IVUS, OCT, FFR, 24x7 ultra-modern radiology services with CT Scan 3T MRI, USG, Mammography, bone mineral density (BMD) test, Digital X-Ray, advanced USG guided Gastrosopes with a high-end endoscope, Manometry with 16 channels, and Capsule Endoscopy with 11 Cameras.

The key infrastructure, Centre of Excellence, and most importantly the Insurance Companies associated are convenient and reasonable to all.

Whether it is a walk-in or an online appointment booking, the staff is a group of friendly and always-at-service members. The goal is to provide patients with world-class medical services at an affordable cost, all under one roof.



*- Srushti Chore*

# BLOOD DONATION CAMP

Bharati Vidyapeeth College of Engineering recently hosted a seminar on blood donation, highlighting the significance of this noble act in saving lives. The seminar aimed to raise awareness among students and faculty members about the importance of regular blood donation and the impact it can have on society. The event, held on the college campus, served as a platform to educate and inspire participants to actively engage in this life-saving endeavor.



The seminar began with an informative session conducted by renowned healthcare professionals and representatives from local blood banks. They shed light on the critical need for blood donations and emphasized how a single donation can make a significant difference in the lives of multiple patients. They explained the different blood types, compatibility issues, and the various components that can be derived from donated blood, such as red blood cells, plasma, and platelets. The speakers also addressed common misconceptions and concerns regarding blood donation, such as fear of needles, safety measures, and eligibility criteria.



The seminar on blood donation at College successfully created awareness among students and faculty members about the critical need for blood donations. By dispelling myths, providing vital information, and sharing inspiring stories, the event encouraged participants to embrace blood donation as a responsible and compassionate act. The seminar aimed to instill a sense of social responsibility in the attendees, motivating them to become regular blood donors and contribute to saving countless lives in the future. Through such initiatives, Bharati Vidyapeeth College of Engineering continues to foster a culture of humanitarianism and service, empowering its students to make a positive impact on society.



- Aniruddha Giri



# Shivneri

Guru Purnima, the festival dedicated to spiritual teachers, is celebrated with great reverence and devotion in many parts of India and the world.

Famous quote:- "The guru is not only the one who leads you to the light; he is the light itself." - Swami Vivekananda

On this auspicious day, we celebrate the relationship between a student and their teacher, recognizing the importance of the guru in guiding us on our journey. You have been that guiding light, illuminating our path and showing us the way forward. You have imparted not just knowledge, but also wisdom, empathy, and values that will stay with us for a lifetime.

In the face of unprecedented challenges over the past year, you have demonstrated resilience, creativity, and adaptability, going above and beyond to support your students' learning and well-being. Your tireless efforts have made a significant difference, and we are all deeply grateful. Our students of computer department enlighten these guru purnima by spreading knowledge to school students.



Department of Tourism of Maharashtra organised a Shivneri Camp named as "HINDAVI SWARAJ MOHOTSAV 2023" at 20/2/2023 Shivneri Fort, located in the Junnar region of Maharashtra, India, is a historically significant site that attracts tourists from all over the world. It is also the birthplace of one of India's greatest warriors, Chhatrapati Shivaji Maharaj. The fort is accessible by road and is approximately 160 km from Mumbai. We started our journey at 7:00 am at morning. The fort is situated on a hill and is surrounded by natural beauty, including lush green forests, hills, and valleys.

Upon arriving at the fort at 12 pm, visitors are greeted by a magnificent entrance gate. Firstly, we take a break of 1 hour at the hotel where we take a lunch organised by the Government. Further we started our journey toward the fort. As you enter the fort, you are transported back in time to an era of kings and warriors. The fort is spread over an area of approximately 1.5 square kilometers and is surrounded by a moat. The fort has several buildings, including a temple, a palace, and barracks. The palace is particularly impressive, with its ornate carvings and spacious courtyards. Our co-ordinator Dr. D.R.Ingle (HOD of computer ) gave the information about the the Shivaji Maharaj and history of the fort.

-Snehal Zope

# Guru Purnima

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Successfully **Conducted Workshop** for students by Sachin Rathod from TE Computer on the topic "**Computer Fundamentals**". **Shri Datta Madhyamik Vidyalaya**, Somnath Bargaon. The school is located in a rural area. Recently, the ICT lab was established by the government in this school. Workshop held on **5th & 6th July** in the school's **ICT lab**. It was a great experience of teaching to the school students from **class 5th to 10th**. Students learned this new stuff with great #enthusiasm and #passion.

Topics Covered:

Computer Fundamentals,  
Libre Office (Beginner level).

Thanks to Principal **Shri D. B. Tanpure Sir**, For providing this opportunity.

Guru Purnima is a day to honor the relationship between a spiritual teacher and their student, and to recognize the important role that gurus play in guiding individuals on their spiritual path. As we celebrate this festival, let us express our gratitude to all the gurus who have helped us on our journey, and let us renew our commitment to spiritual growth and self-discovery.

- Aniruddha Giri



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# SMART INDIA HACKATHON

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## HARDWARE EDITION



The Smart India Hackathon (SIH) is an annual event organized by the Ministry of Education, Government of India, to encourage students to develop innovative solutions to real-world problems faced by government and industry. The competition provides a platform for students to showcase their skills, creativity, and problem-solving abilities and encourages them to come up with solutions that have a real impact on society.

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# HACKATHONS

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## ALGORITHM HACKATHON

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The year 2022 edition of the Smart India Hackathon Hardware Edition saw around 30,000 teams from all over the country registering for the competition. The teams were required to work on problem statements suggested by various government departments, organizations, and industries. The problem statement for last year's edition was suggested by the Cyber Crime Cell, Special Unit, Delhi Police, and focused on developing solutions to ensure the security of digital data, which is becoming increasingly important in today's digital age.



Out of the registered teams, only about 2,000 teams were selected for the Grand Final at the national level, which was held at 75 nodal centers across the country. The teams were judged on their ability to come up with innovative and practical solutions to the problem statements, their technical skills, and their ability to work as a team.

Bharati Vidyapeeth College of Engineering, Navi Mumbai, was represented by a team named Skystrikers, comprising of Pranjal Mhatre, Vaishnav Kumbhar, Rohan Dandekar, Roushan Sharma, Saket Pathak, and Chaitali Patel. The team was mentored by Prof. D. B. Radkar and Mr. Lokesh Attarde.

# SMART INDIA HACKATHON

## SOFTWARE EDITION

The Skystrikers team worked tirelessly to come up with an innovative solution to the problem statement suggested by the Cyber Crime Cell, Special Unit, Delhi Police. The team's solution impressed the judges, and they were declared the winners of the competition, securing the first position.

The team's project focused on developing a robust and secure framework for protecting digital data against cyber-attacks. The project showcased the team's technical expertise, problem-solving skills, and innovative thinking.



Participating in the Smart India Hackathon provides students with an excellent opportunity to apply their theoretical knowledge to real-world problems, work in teams, and gain exposure to the latest technologies and industry practices. The competition helps students develop critical thinking, problem-solving, and communication skills, which are essential in today's fast-paced and dynamic world.

The success of the Skystrikers team at the Smart India Hackathon 2022 is a matter of great pride for Bharati Vidyapeeth College of Engineering, Navi Mumbai. The team's mentors, Prof. D. B. Radkar and Mr. Lokesh Attarde, deserve special recognition for their guidance and support throughout the competition.

In conclusion, the Smart India Hackathon is an excellent platform for students to showcase their skills, learn from their peers, and contribute to solving real-world problems. We hope that more students from our college will participate in such competitions and continue to bring glory to our institution. The success of the Skystrikers team is an inspiration to all students interested in technology, innovation, and problem-solving.



*-Vidhi Kadam*



# TEACHER'S DAY



"Education is not the filling of a pail, but the lighting of a fire." -William Butler Yeats  
Teacher's Day is a special day dedicated to honoring and appreciating teachers and the important role they play in shaping the lives of students. It is celebrated in many countries around the world on different dates, depending on the local customs and traditions. In most countries, Teacher's Day is celebrated annually to acknowledge the contributions and hard work of teachers in the field of education.

The purpose of Teacher's Day is to express gratitude to teachers for their efforts in imparting knowledge, providing guidance, and nurturing students. It is an opportunity for students, parents, and the community to show their appreciation and respect for teachers' dedication and commitment to education.

In India, Teachers' Day is observed on September 5th, which is the birth anniversary of Dr. Sarvepalli Radhakrishnan, an eminent philosopher, scholar, and the second President of India. These unsung heroes, including administrative staff, teaching assistants, and support personnel, work tirelessly behind the scenes to ensure a conducive learning environment. One way to show appreciation for their efforts is by giving them thoughtful gifts on Teacher's Day.

On 6th September 2022, Bharati vidyapeeth College of engineering celebrated Teacher's day. As token of appreciation teacher's of computer department have been felicitated by gifts.

On Teacher's Day, let's extend our appreciation beyond the classroom and acknowledge the teacher staff members who contribute significantly to the overall educational experience. By selecting thoughtful gifts, we can show our gratitude for their hard work, dedication, and support. Let's celebrate and honor these unsung heroes who work tirelessly behind the scenes, making a difference in the lives of students and the school community as a whole.



- Aniruddha Giri

29 Sept, 2022





## CESA-COMFESTIA

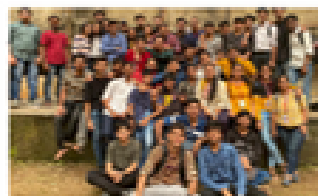
CESA  
organized  
a technical



event "COMFIESTA" in collaboration with Student Council. Students have shown admirable participation in this event and it was a fare success for all members of CESA. The word Com in Comfiesta stands for computer branch and Fiesta stands for festival which tells that the event was no less than celebration . The main intention behind this event was to develop technical as well as non technical skills in students which is important for their future career. this will add up co-curricular activity which gives them an insight of the realistic situation of the outside world.

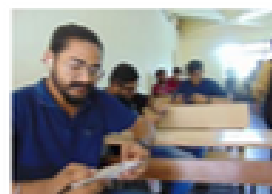
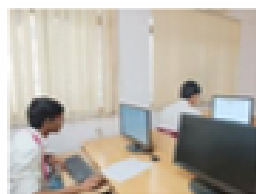
Comfiesta has basically conducted four events:

- Code buster 
- Googler 
- Among us 
- Scavenger hunt 



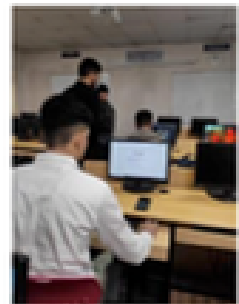
The event was managed by the President of Cesa, Ahmed Ali. Chinmay Juikar and Smit Gharat from photography team also assisted in the management of the event.

Chaitali Patel, lead of Creative team managed overall event. Rohan Dhengale and Krishna Sharma, technical leads of Cesa handled all the technical aspects very well. Kunjal Koli (PR lead) Shubham Ghule, Sia Kaul, Moshin Kapdi, Daksh Mehta, Varun Pardesi and Arish Khan have done publicity of the entire event successfully.



The event had started sharp on 10:45 am with the Code Buster. In this, participants were given a code with some errors and they were expected to solve those error in specific amount of time. This was arranged by the technical team members Sachin Rathod and Anish Barve which was a great success since it encouraged the students to learn a lot and inculcate a competitive coding view in the participants. Trophies and cash prizes were awarded to the winners.

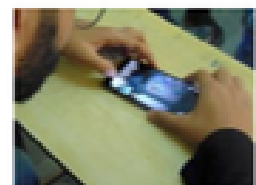
After a short break at 1 PM, Cesa conducted googler . This was organised by Pratik Patil, Vipul Mane and Dewang Sawant. The participants were given some quizzes which they has to solve using google in limited time



with exciting twist in different stages. This event was a lot of fun, and the participants enjoyed it. Number of students from our college participated in the event. The winners of the Googler competition courses and trophies as rewards.

As this generation have a great affection for gaming, Comfiesta had conducted few non-technical events too and one of them was among us. The gamers have shown their skills by actively participating in this event and they had a thrilling experience and they appriciated this event a

lot. Here again the winners were awarded with cash



prizes and every participant was given an e-certificate. Last but not the least, a most magnificent event organized by Harsh Singh and and Rohan Rajesh. This was the main attraction of Comfiesta event. The students participated in a group of four members. The groups which completed the first round's task the fastest, qualified for the second round which was the the final round . Three best groups qualified in the final round. The winners of this event were awarded cash prizes.

We have been fortunate enough to be backed by a team of very motivated and dedicated faculties. Cesa extends deep gratitude to Student council especially the GS, Shruti Mhatre to guide us throughout the event We are glad the efforts put in by everyone have barred us the fruits. We extend our most sincere thanks to Dr. Sandhya Jadhav (Principal), Dr. D.R. Ingle(HOD of computer) the entire CESA members, for their consistent support and guidance to make COMFIESTA a great success.

*-Sneha Dubey  
(SE-Comps)*

# PLACEMENT ORIENTATION PROGRAM

Recently, Bharati Vidyapeeth College of Engineering organized a highly informative seminar on Placement Orientation, aiming to equip students with essential skills and knowledge required for successful career placements. The seminar provided a platform for students to interact with industry experts and gain valuable insights into the dynamics of the job market. The event proved to be an enlightening experience for the attendees, guiding them towards a brighter future.



The seminar commenced with a warm welcome by the college faculty and the placement cell. Esteemed industry professionals from renowned companies were invited as guest speakers to share their expertise and experiences. They emphasized the importance of professional skills, personal branding, and effective communication in securing lucrative job opportunities. The guest speakers enlightened the students about current market trends, skill requirements, and the evolving job landscape. They shed light on emerging technologies and highlighted the significance of continuous learning and adaptability. Furthermore, they stressed the need for practical exposure, internships, and industry-relevant projects to enhance employability.





# Dussehra Celebration

Rushikesh B.

As Dussehra word is derived from two word "Dus" meaning ten and "Hara" meaning defeat Symbolizing the slaying of ten headed demon king Ravana by Lord Shree Ram. Dussehra is a major Hindu festival which is celebrated with joy and enthusiasm in our Bharati Vidyapeeth campus. As, this festival is celebrated on victory over Ravana, the king of Lanka. Lord Ram teaches us that, if there is a will then there is a way. They teaches us that, "how much big the problem is, we must face the problem and we must create a way toward our success." By celebrating Dussehra, I learned that we must value our assets, because this are the things which help us to gain the knowledge. A Person with knowledge is a person with values, like Shree Ram.



Celebrating Dussehra in Bharati Vidyapeeth, is a awesome experience; because here we get to know that what is Hinduism, what is our history, what our root values are. In Bharati Vidyapeeth, Dussehra is celebrated by using flowers, by doing the pooja of the Saraswati (the things from which we get knowledge). Celebration like this helps a student to overcome the fear of failure and to work towards his goals. Shree Ram once said," The biggest failure of human is that, he assumes that the task is difficult and he don't even try to work towards it."

# Independence day



Independence day is organized and celebrated every year at our Bharati Vidyapeeth college on 15 August, with great pomp and show's. Fifteen August, is a red letter day in the history of India. On this day in 1947, our country become free form the long imprisonment of the British rule. Main motive of celebrating this day is to gather together and remember the Brave heroes who sacrificed their lives. This, day carries a lot of importance, and is celebrated with joy and enthusiasm in our college.



on occasion of 75th independence all the teaching staff and non - teaching staff were present for the celebration. Independence Day is celebrated with grand ceremonies including raising the National Flag, speeches/ skits on freedom fighters and various movements, traditional dances, drills, competitions, singing the National Anthem and so on. The building and the ground were cleaned and decorated for the occasion. The seating arrangement was made on the platform. Markings were made on the ground with white lines. The flower pots were kept all along the path. Special thanks to all the people who officially and unofficially helped to make this program successful.

- Rushikesh B



**Training And Placement Cell Presents**

**Digital Contest on "Introduce Yourself"**

**Only for SE students**  
 One can participate in  
 Category I  
 Category II  
 Plain Introduction  
 Introduction with graphics, text, etc.

**Evaluation will be based on**

1. Stepping of content presentation
2. Clarity of thoughts & formal attire
3. Selection of formal words
4. Way of delivery (Verbal & Non-verbal both)
5. Confidence
6. Time management

**APRIL 16**

**Last Date: 16<sup>th</sup> Feb 2020**  
**Results: 2<sup>nd</sup> March 2020**  
**Scan & Join**

**Coordinators**  
 : Dr Asma Fakir 9699463544  
 : Prof N Ingle 8422995937  
 : Prof H Chavan 9773391011

**Convenor**  
 Prof. Sandip Patil  
 9096406488

**Coordinators**  
 Comp : Prof S Barshe 9699610380  
 Instru : Prof P Bhosale 9320646551  
 Mech : Dr M Nikam 9004001953

**QR Code**

Introducing yourself is an essential part of communication and social interaction. It allows people to get to know you, understand your background, and establish a connection with you.

Introducing yourself in the placement world is crucial because it creates the first impression of you to potential employers or recruiters. It gives them an idea of who you are, what skills you possess, and what you can bring to the table.

A well-crafted introduction can make you stand out from other candidates and increase your chances of being considered for a job. It also helps you establish a rapport with the interviewer and create a comfortable environment for further communication. It allows you to showcase your communication skills and confidence, which are essential qualities that employers look for in their employees. CV writing is crucial in the placement world because it helps you stand out from other candidates and increases your chances of being selected for a job.

Our training and placement cell conducted competition on "Introduce Yourself" and "Effective CV Writing" to get students to eliminate fear and to view their points with 3c's clarity, confidence and conciseness. Our students from computer department actively participated in competition, our students come out with flying colors.

Winners of Competition:

Category 1:-INTRODUCE YOURSELF

SECOND PRIZE:- Aniruddha Ramchandra Giri (SE COMPUTER)

Category 2:-Effective CV Writing

FIRST PRIZE:- Aditya Tathe (SE COMPUTER)

SECOND PRIZE:- Hemant Sakunde (SE COMPUTER)

- Aniruddha Giri



# EYE CHECK-UP CAMP

In today's fast-paced world, where technology dominates our lives, our eyes are subjected to increasing strain and stress. Realizing the importance of eye health and its impact on academic and professional performance, Bharati Vidyapeeth College of Engineering organized an eye check-up camp on its campus. This event aimed to promote eye care awareness and provide essential screening services to the students, faculty, and staff. The eye check-up camp was meticulously organized by a dedicated team of medical professionals and volunteers. The event took place in the spacious auditorium of the college, which was transformed into an eye care clinic for the day. The organizing committee collaborated with reputed ophthalmologists and optometrists to conduct comprehensive eye examinations.

The eye check-up camp had a significant impact on the campus community. It helped identify individuals with undiagnosed visual impairments and eye disorders, allowing them to seek timely treatment. By increasing awareness about eye health, the camp encouraged a proactive approach towards maintaining optimal vision. The event also instilled a sense of responsibility among the participants, motivating them to adopt healthy eye care practices.

The eye check-up camp was a commendable initiative that promoted eye health and wellness. By providing comprehensive eye examinations and raising awareness about preventive measures, the camp played a vital role in safeguarding the ocular health of the college community. Such initiatives not only contribute to the overall well-being of individuals but also enhance their academic and professional performance.



# NATIONAL EDUCATION POLICY

As we know our Indian government had introduced new National Education Policy for our education system in July 2020 assembly. Our new education policy transform the education system in India and bring about significant reforms at all levels, from early childhood education to higher education. It aims to make education more inclusive, flexible, and student-centric, and to promote critical thinking, creativity, and innovation.



Making a small contribution for betterment of our education system and being an active group in education field, Bharti Vidyapeeth Education complex Navi Mumbai held a one day conference on the corresponding topic on 1st April 2023.

In this conference we got the glad presence of

Dr. Vilasrao Kadam (secretary Bharti Vidyapeeth Mumbai)

Dr. Ravindra Kulkarni (Vice Chancellor Mumbai University )

Dr. Shrirang Joshi (Institute of Chemical Technology Mumbai)

Dr. Vijay Joshi (secretary National Higher Education Mission)

Dr. Aatmaram Pawar (Prof. BVDU Pune College of Pharmacy)

Along with professors and experts from various colleges near by Mumbai.

In this conference our guests lectured about different topics like,

things necessary for implementation of our new education policy, The concept of ABC Id (Academic bank credit), NIRF (National Education ranking framework).

Good education is essential for the growth and development of any nation. It is the foundation upon which the progress of society is built. An effective education system with sound policies is a crucial factor in the development of any country.

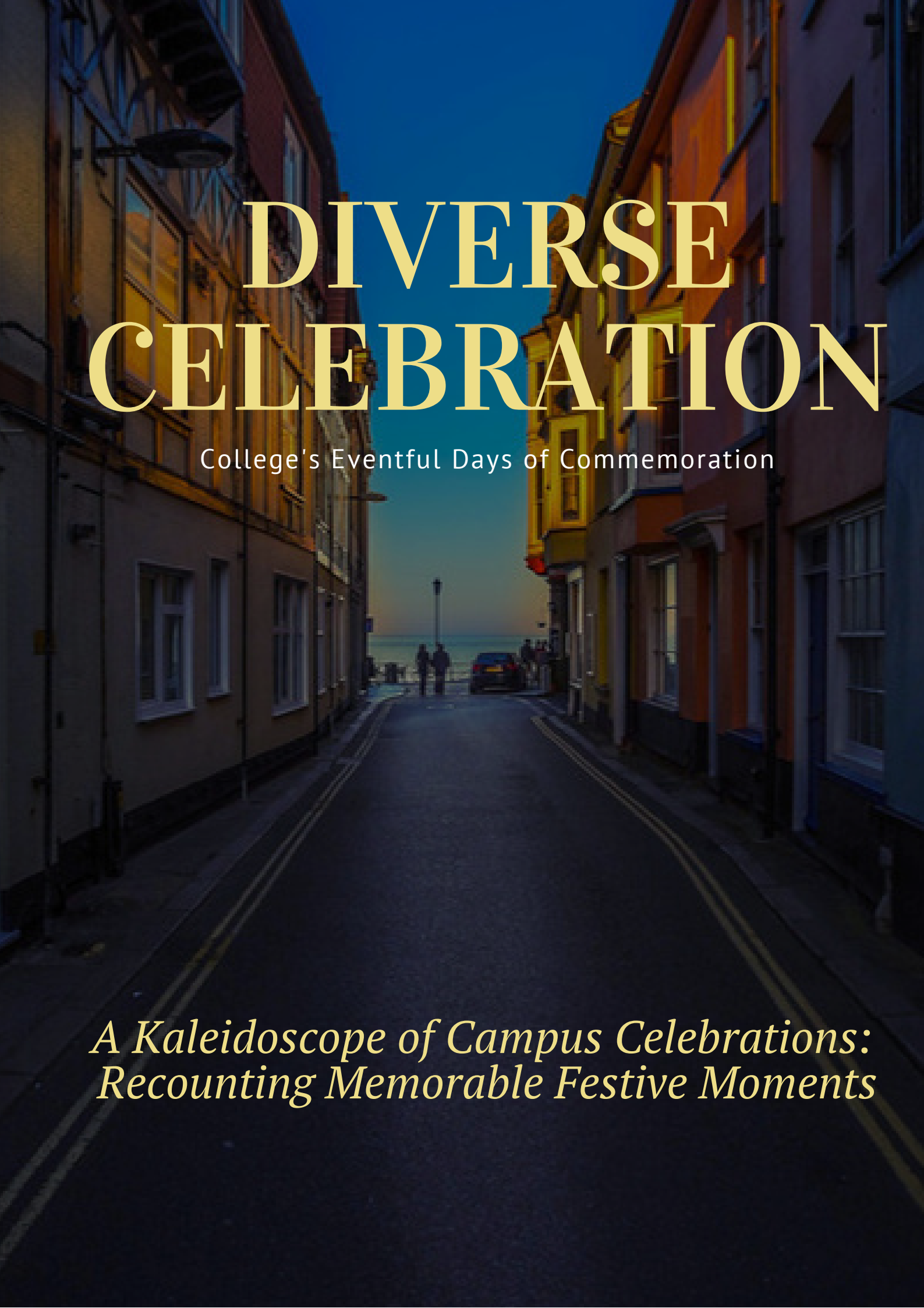
India's new education policy marks a significant shift in the country's education system.

The National Education Policy 2020 (NEP) aims to transform the education system by focusing on holistic development, multidisciplinary education, and a learner-centric approach.

The NEP focuses on the overall development of the learner. It recognizes that education is not just about acquiring knowledge but also about developing life skills, including critical thinking, problem-solving, and creativity.

The NEP promotes a multidisciplinary approach to education, which encourages students to explore different subjects and areas of interest. The policy encourages the integration of different disciplines and the use of technology to promote experiential learning.

- Abhay Balip



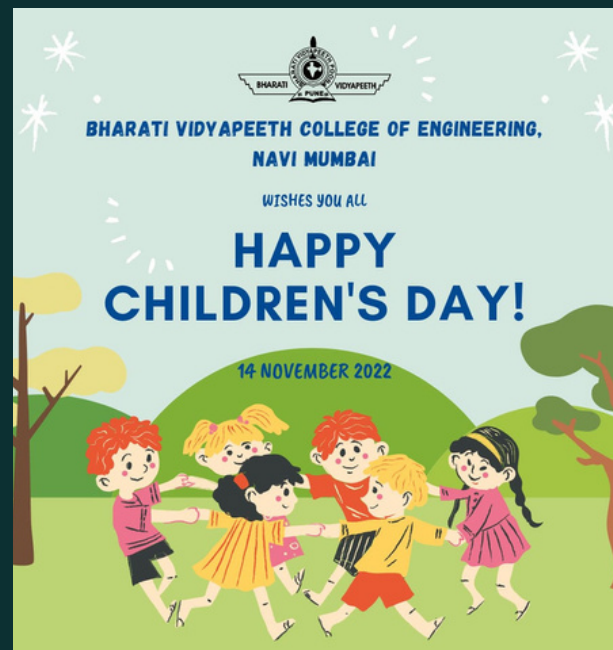
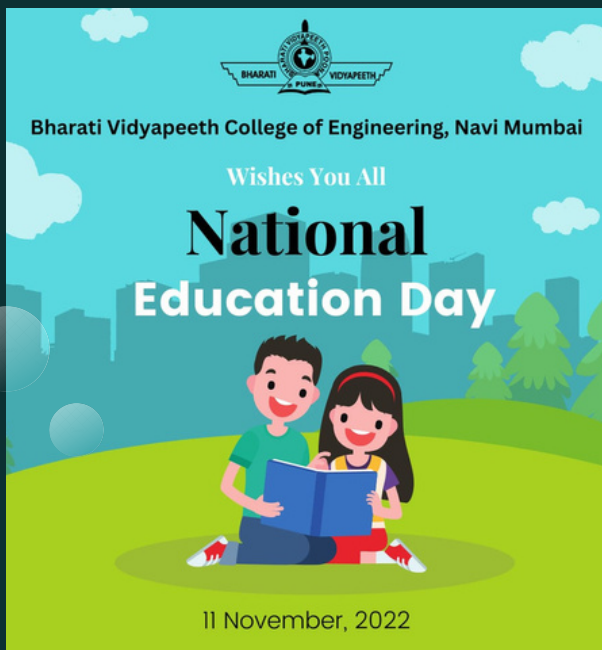
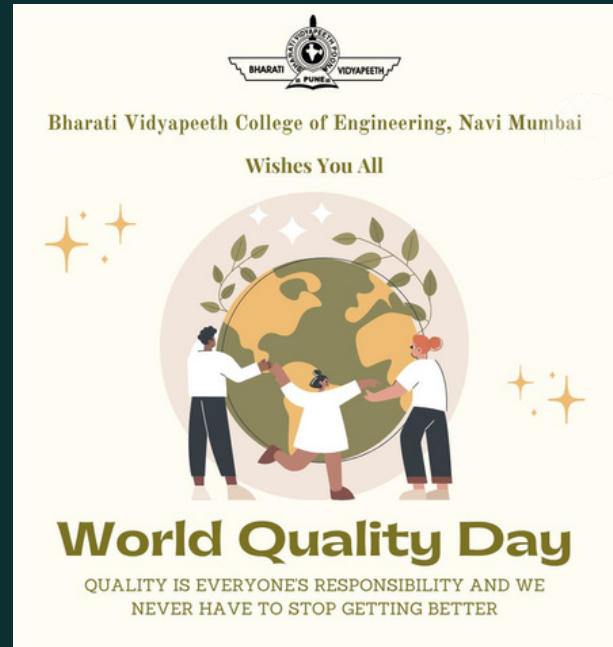
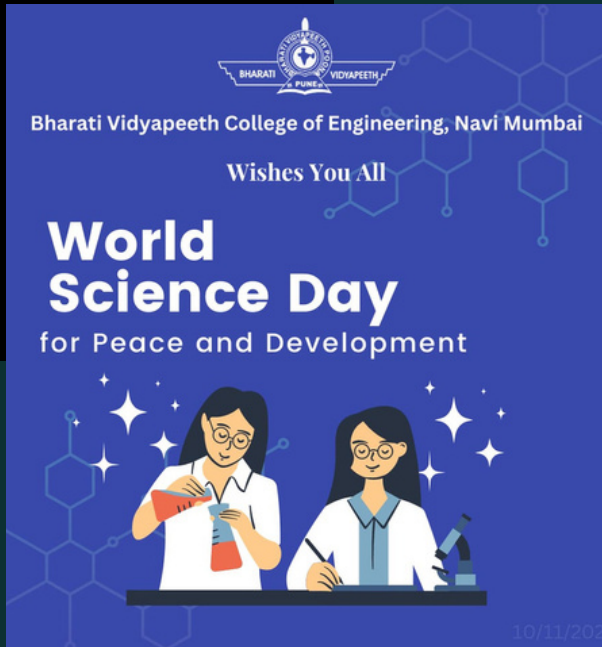
# DIVERSE CELEBRATION

College's Eventful Days of Commemoration

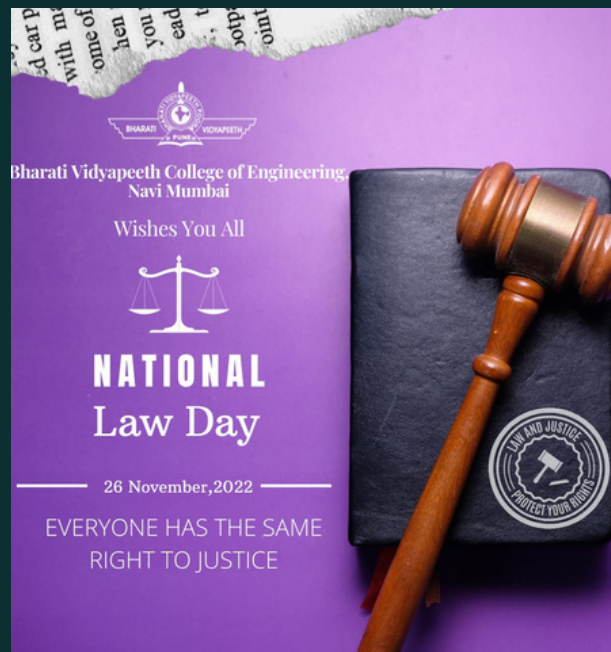
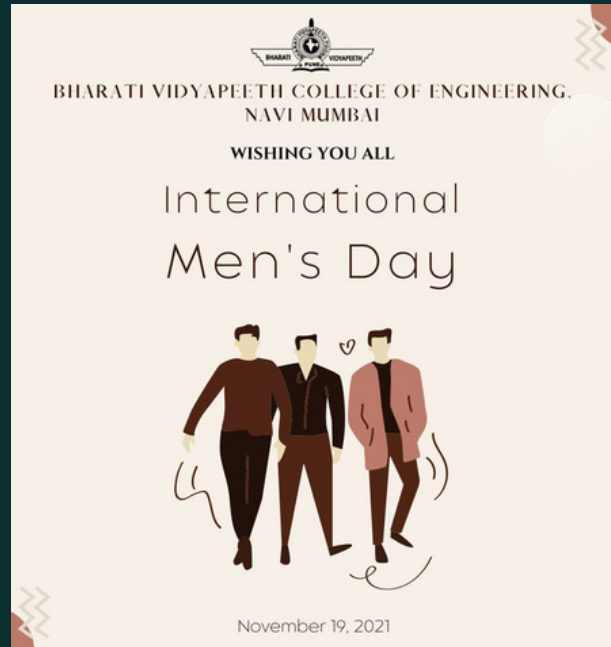
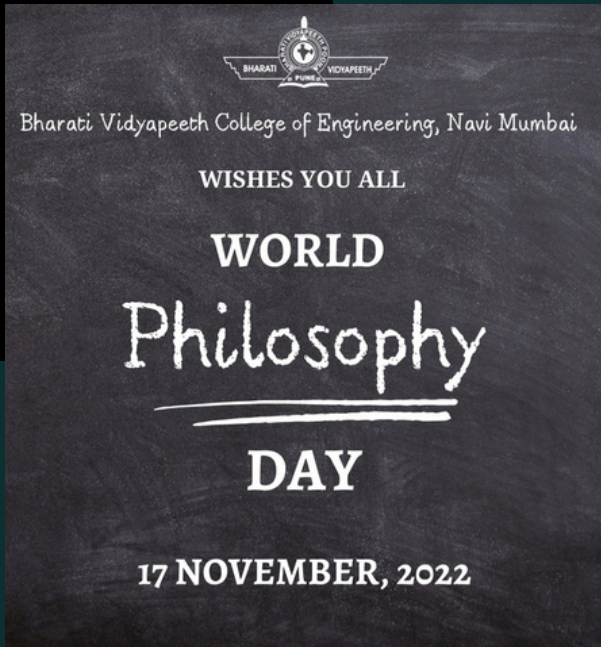
*A Kaleidoscope of Campus Celebrations:  
Recounting Memorable Festive Moments*



# NOVEMBER'S NOTEWORTHY OCCASIONS

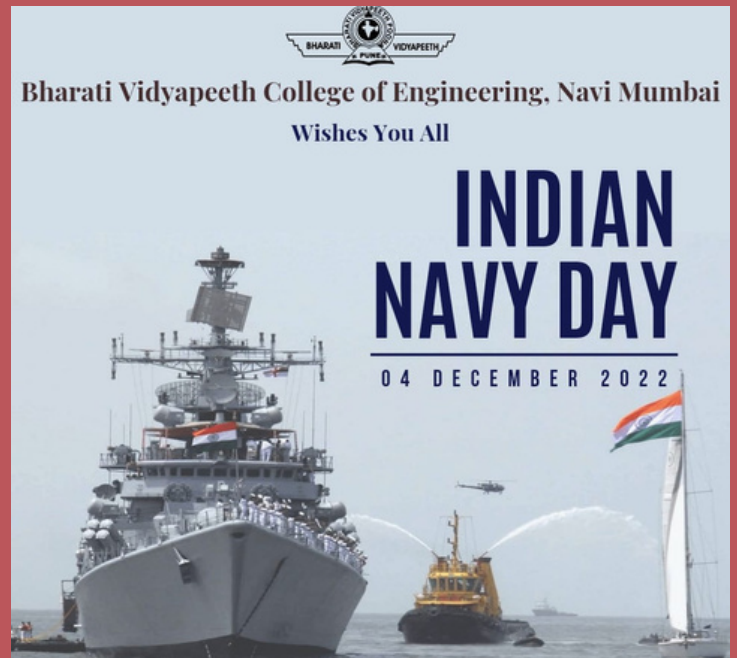


# NOVEMBER'S NOTEWORTHY OCCASIONS



# DECEMBER DELIGHT

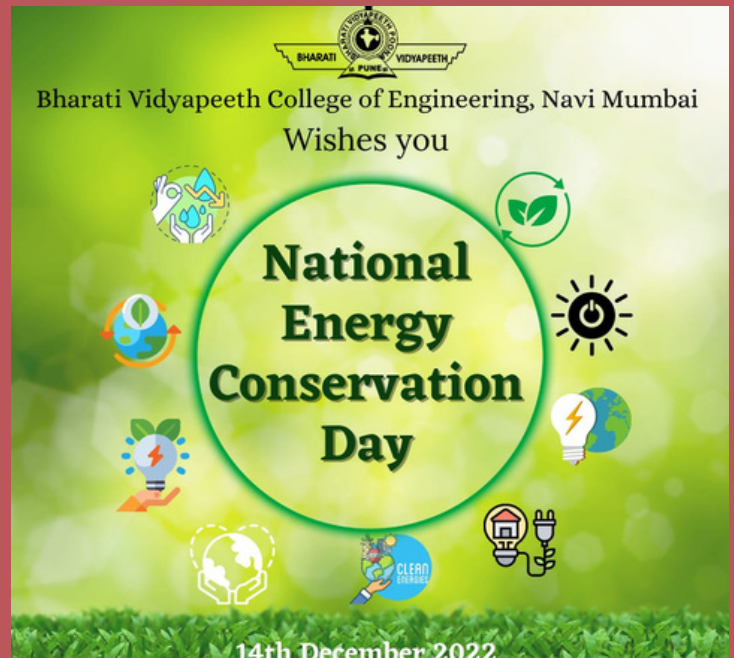
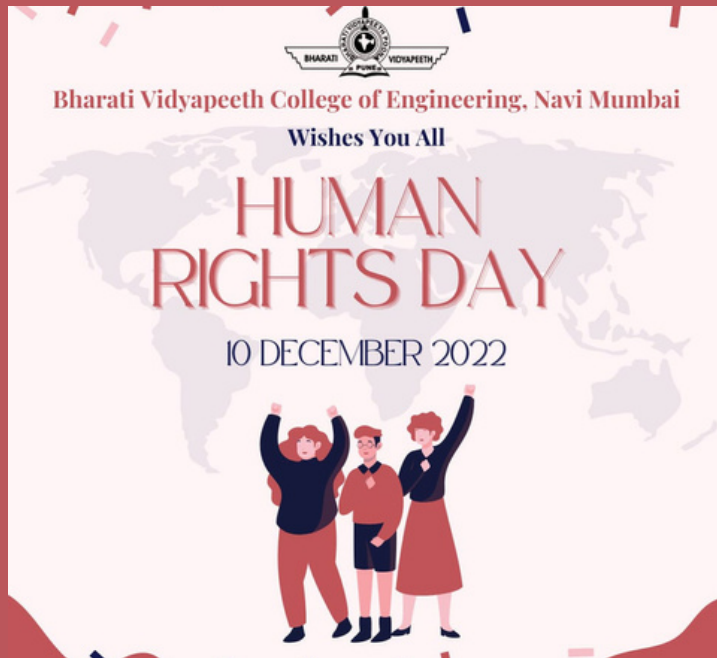
UNVEILING THE YEAR-END CELEBRATIONS





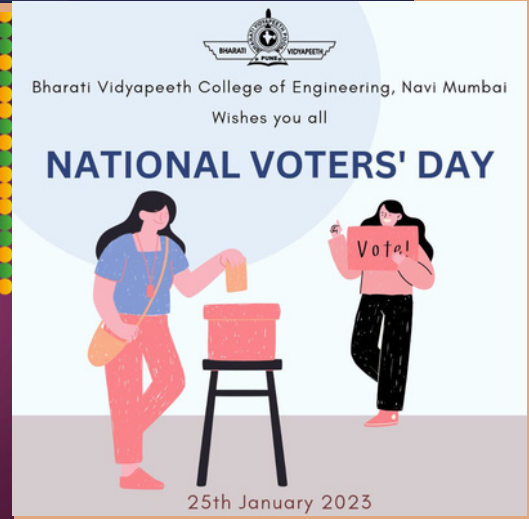
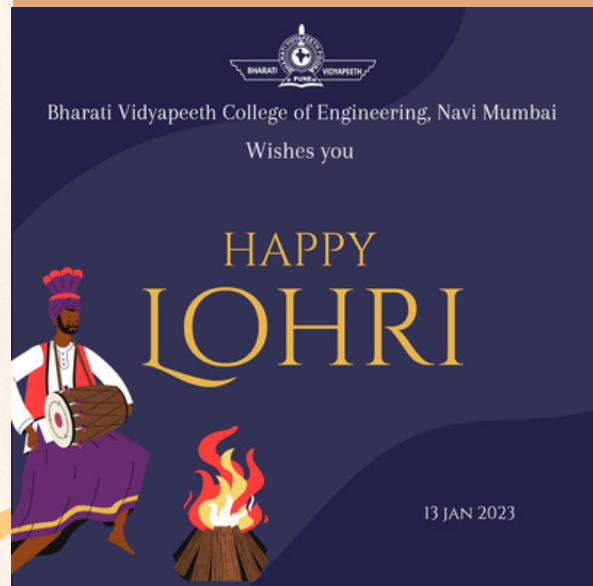
# DECEMBER DELIGHT

UNVEILING THE YEAR-END CELEBRATIONS



# WINTER'S TAPESTRY:

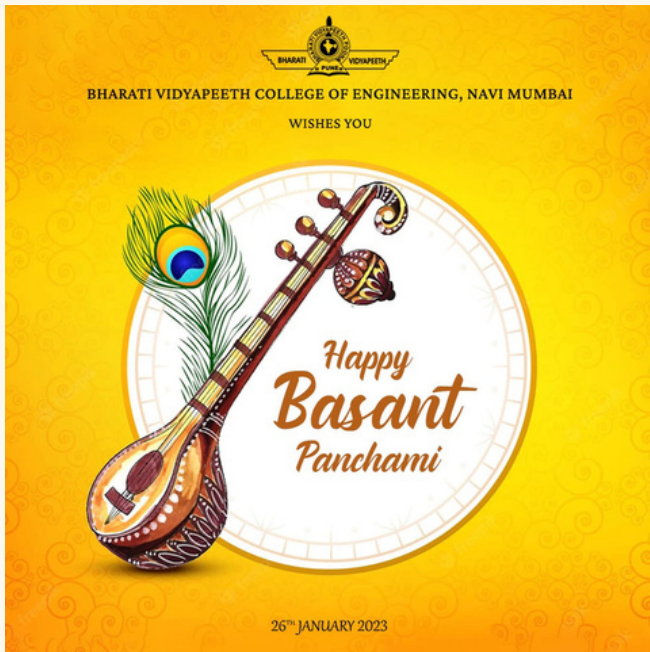
## January's Unforgettable Gathering



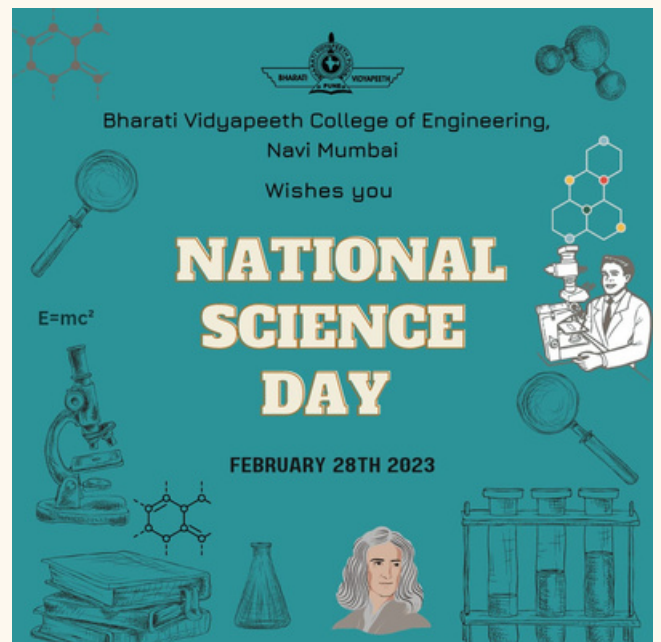




February's  
Fusion



A Collage of  
Captivating  
Event





# OPEN HORIZON

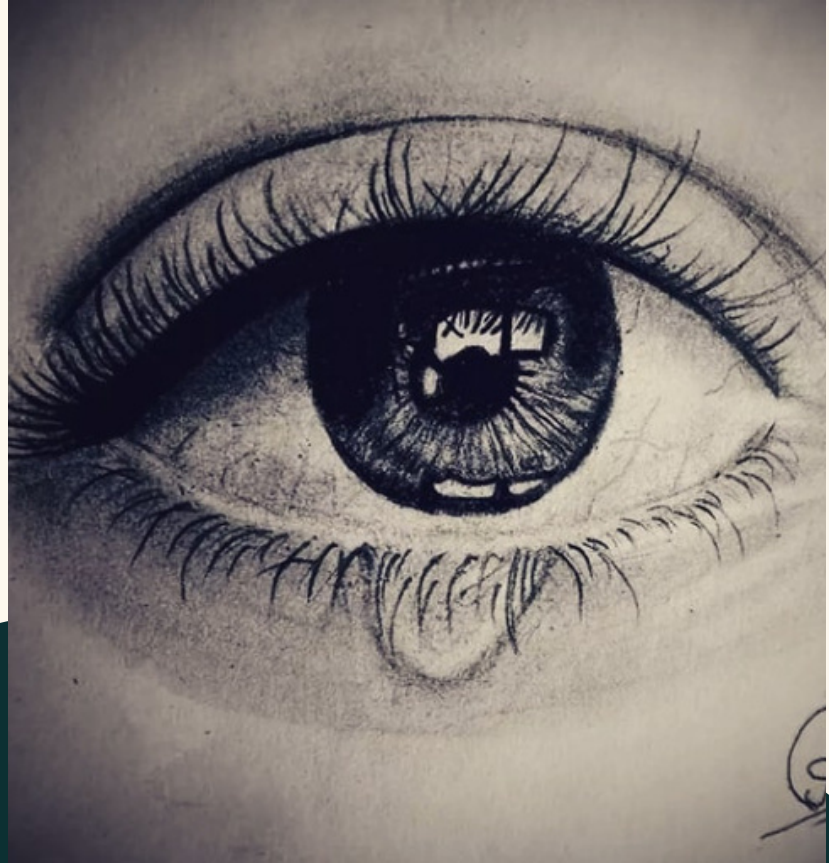


DISCOVER THE TRANSFORMATIVE POWER OF ART AS OUR STUDENT MAGAZINE PROUDLY PRESENTS A CAPTIVATING COLLECTION OF ARTWORK THAT TRANSCENDS BOUNDARIES AND IGNITES THE IMAGINATION. FROM EVOCATIVE PAINTINGS TO INNOVATIVE SCULPTURES, THIS CURATED ENSEMBLE SHOWCASES THE RAW TALENT AND UNIQUE PERSPECTIVES OF OUR BUDDING ARTISTS.

EACH BRUSHSTROKE AND CHISEL MARK TELLS A STORY. IMMERSE YOURSELF IN THIS VISUAL JOURNEY, WHERE VIBRANT COLORS, INTRICATE DETAILS, AND PROFOUND EMOTIONS INTERTWINE, LEAVING AN INDELIBLE IMPRESSION ON YOUR SENSES. JOIN US AS WE CELEBRATE THE BOUNDLESS CREATIVITY AND EMBARK ON AN UNFORGETTABLE EXPLORATION OF THE ARTISTIC REALM.



# SKETCHBOOK CHRONICLES



ARUSHI  
(TE COMPS)

# Origami



**Snehal  
Zope**



# VAQT-E-RUKHSAT

दम-ए-रुख्सत से पहले चेहरा उसका बस दिखा देना  
बिना भूले मेरे महबूब को यारों सजा देना

तू सुन ले दिलरुबा मेरी ये तुझसे इक गुज़ारिश है  
कि शाम-ए-ज़िंदगी पर नूर अपना मत बुझा देना

दिखाना मत वो हाल-ए-ज़ार मेरा अपनी आँखों से  
कभी मिलना तो आब-ए-चश्म बस अपने छुपा देना

तलब इक आखिरी बज़्म-ए-ग़ज़ल की पूरी कर देना  
जनाज़े पर मेरे इक शम'-ए-महफ़िल तुम जला देना

नहीं मुझको ज़रूरत आखिर-ए-दम पर ज़माने की  
अगर हो पाए तो बस चार कंधे तुम उठा देना

भुलाकर सब यही मेरी ग़ज़ल इक याद तुम रखना  
सुनाकर सबको याद-ए-रफ़ता में मुझको जगा देना

निज़ाम-ए-दहर को तो अब नहीं हम रोक सकते पर  
तुझे 'हेमंत' क्या है जल्दी जाने की बता देना

- HEMANT SAKUNDE

# Strings Of Fated Love

It's my soulful dream to be alive with you.

You, a black canvas of my dreams,  
Where I paint our stories untold to the world,  
while they blame Me.

Painting the canvas of dreams in the night, My  
heart flutter, eyes shut tight.

Eyes that reflect the universe's art.  
A love that's timeless, a story's sweet start.

Like the sun tied to the moon , always connected so  
is the Red String Of Fate's delicate art, Two hearts  
are entwined, never to part.

It's invisible and unbreakable, this tie we share,  
that keeps us close to each other, even if we are  
miles apart.

A reminder that love's ties are never too late,  
Bound by the Red String , a destined soulmate...

- Mehak Mathur