

ISSUE 2023-24 TERM I

Department of Civil Engineering

ENAMOR

E-Newsletter



Editor: Arya Patil

LEADERSHIP



Hon'ble Dr. Patangrao Kadam

Founder Chancellor
Bharati Vidyapeeth (Deemed to be University)



Hon'ble Prof. Dr. Shivajirao Kadam

Chancellor
Bharati Vidyapeeth (Deemed to be
University), Member, UGC (2005-11),
Member, NAAC (2012 onwards)



Hon'ble Prof. Dr. Vivek Saoji

Vice Chancellor
Bharati Vidyapeeth (Deemed to be
University)



Hon'ble Dr. Vishwajit Kadam

Pro Vice Chancellor
Bharati Vidyapeeth (Deemed to be
University), Member, AICTE



Hon'ble Dr. Patangrao Kadam Founder Chancellor Bharati Vidyapeeth (Deemed to be University)

IF THERE WAS A LEGENDARY WIZ OF HOPE, IT WAS HIM

Dr. Patangrao Kadam, the founder of Bharati Vidyapeeth, hailed from a middle-level farmer's family. He was born in a remote village named Sonsal, located in the perennially drought-prone area of Sangli District in Maharashtra. Since there was a dearth of educational facilities in his village, Dr. Kadam had to walk almost 4-5 km every day to attend a primary school in a nearby village. He did his secondary education up to S.S.C. in a small place named Kundal, where he stayed in a hostel with bare amenities.

Dr. Kadam was the first person from his village to have passed the S.S.C. examination. After S.S.C., he joined Shivaji College at Satara, run by Rayat Shikshan Sanstha and established by a renowned social reformer and educationist, Karmaveer Bhaurao Patil. He was enrolled in the college under the "earn and learn scheme". It was there that the fine qualities of head and heart, which he is now known for, sprouted in him. He took lessons of social service at the feet of Karmaveer Bhaurao Patil.

In 1961, he came to Pune and completed a one-year Diploma Course in teaching. The following year he started working as a part-time teacher in a secondary school in Pune run by Rayat Shikshan Sanstha. He earned a Bachelor's Degree and a Master's degree from the University of Pune. Despite his preoccupation with educational, social, and political activities, he completed his research on "Administrative Problems of Educational Administration in the 80s" for which he was awarded a Ph.D. in Management by the University of Pune.

Dr. Kadam established Bharati Vidyapeeth in 1964 when he was hardly 20 years old. From the beginning, his vision was to develop Bharati Vidyapeeth as a distinct educational institution. His vision and ambitions are reflected in the constitution, which was submitted to the Charity Commissioner at the time of registration of Bharati Vidyapeeth as a Trust, wherein he had included "to establish our own University", as one of the objectives of Bharati Vidyapeeth. His dream came true when the Government of India, on the recommendation of the University Grants Commission, accorded the "Deemed to be University" status to the 12 constituent units of Bharati Vidyapeeth on 26th April 1996. Because of his outstanding contribution to Bharati Vidyapeeth, he was nominated as the lifelong Chancellor of Bharati Vidyapeeth (Deemed to be University). From a village boy having no propitious educational background to becoming the Chancellor of a University, Dr. Kadam's story is highly inspiring.

It was with his initiative that several cooperative units, like Bharati Cooperative Bank (multi-state scheduled bank with 18 branches), Sonhira Cooperative Sugar Factory, Sagreshwar Cooperative Spinning Mill, Sonhira Cooperative Kukkut Palan Sangh, Krishna-Verala Cooperative Spinning Mill, etc. were established as sister concerns of Bharati Vidyapeeth. Among other cooperative units under the Bharati Vidyapeeth's umbrella are Cooperative Consumer Stores at Pune, Sangli, and Kadegaon and Mahila Industrial Cooperative Society at Kadegaon.

Dr. Kadam was a philanthropist of repute. He had established quite a few charitable trusts through which assistance of all kinds is given to needy people, particularly to students of disadvantaged groups. He was a Member of the Executive Council of the University of Pune continuously for 12 long years. He was also elected as a member of the Executive Council of Mumbai University with an all-time record of getting the highest number of votes and as a Member of the Senate of Shivaji University, Kolhapur.



Hon'ble Prof. Dr. Shivajirao Kadam Chancellor
Bharati Vidyapeeth (Deemed to be University), Member, UGC (2005-11), Member,
NAAC (2012 onwards)

Dear Students,

I warmly welcome you all to Bharati Vidyapeeth Deemed University.

With a glorious track record of academic excellence, Bharati Vidyapeeth Deemed University is one of the leading universities in India having Category-I Status awarded by the University Grants Commission. It has been re-accredited with an 'A+' Grade in 2017 by NAAC, Bangalore. It is important to note that some of our constituent units have ISO 2001-2009 certification. All our constituent institutions have state-of-the-art infrastructure consisting of well-structured spacious buildings, cutting-edge laboratories, and hostels with all the necessary amenities and facilities.

Today, the horizons of knowledge are expanding exponentially. It is, therefore, a challenge for us to cope up with this vibrant system of higher education. Bharati Vidyapeeth Deemed University is well-equipped to impart training and education in the emerging areas to its students. We are committed to providing quality education under our 12 faculties. We continuously update the courses, keeping in view the rapid changes and dynamism around. Our libraries housing a rich collection of books and journals are also constantly being updated to cater to the needs of our students and faculty.

We not only focus on delivering high-quality education but also place special emphasis on the all-round development of students to prepare them for their rewarding future careers. Apart from academic activities, we conduct co-curricular activities on the campus to enhance their skills and enrich their experience. In the discharge of its social obligations, our university is, no doubt, committed to seeing that the students graduating are well-trained and well-prepared for the job market and become responsible citizens of the country.

The track record of the achievements of our university is commendable. It is a matter of pride for us that scores of our students have achieved success in their respective fields and established themselves in different spheres of life. We are aware that the success of any university largely depends on the number of successful students it produces for the service of society and the nation. We, therefore, extend our full support to make your future bright and help you transform your dreams into reality.

Once again, I take this opportunity to welcome you all to the family of Bharati Vidyapeeth Deemed University and wish you success in your life.



**Hon'ble Prof. Dr. Vivek Saoji Vice Chancellor
Bharati Vidyapeeth (Deemed to be University)**

It is a matter of immense pleasure for me to be a part of the Bharati Vidyapeeth (Deemed to be University) family as its Vice Chancellor. I take this opportunity of welcoming students coming from all parts of the world, joining the university in undergraduate as well as postgraduate programmes. Most of such students have moved away from the folds of their family and nation to another in their quest of knowledge. One needs to feel that they are just moving away from one family fold to another. Their teachers, seniors and peers, all form an extended family from whom they can look up for any guidance, support and help to move ahead in life as professionals in the study programmes they have opted.

The University is one the largest multi-disciplinary and multi-campus universities of its kind in India, which caters to the educational needs in various disciplines such as medicine, dentistry, ayurved, homoeopathy, nursing, pharmacy, environmental science, engineering, architecture, law, management, social sciences, arts, commerce and science, physical education, hotel management and catering technology for urban and rural students. Three research institutes of the university are exclusively devoted to conduct sophisticated researches in health related sciences, pharmaceutical sciences, and social sciences.

The university has highly qualified faculty in their respective fields of expertise. A large number of national and international conferences, seminars and workshops are organized by the university. Such events provide a variety of experiences to the students and inculcate skills such as leadership and team spirit which are helpful in their career. Our faculty members have been able to publish good quality research work in high impact factor journals of repute. There is an active interaction between faculty and students in the campus. The learning experiences in the campus pave a strong path for enhancement of overall development of the learners.

Further, the campuse/s of the university are ICT enabled and the colleges provide an e- learning and e-connect environment, alongwith class coordination system, document management system as well as virtual class rooms. The university is situated in a serene environment. The serenity alongwith a complex structure of curricular, co-curricular and extra-curricular activities will shape your physical, mental and intellectual growth. As an International student of the university, you are the torch bearers of the different nations; you come from, in order to bring in positive change, towards a direction that will develop overall sustainability for better future.

I, wish and assure you, on behalf of the University family, that we will help you pursue your objectives of life under the varied social, cultural and economic environment and make the University family proud of your attainments.



**Hon'ble Dr. Vishwajit Kadam Pro Vice Chancellor
Bharati Vidyapeeth (Deemed to be University), Member, AICTE**

Dear Students,

Welcome to Bharati Vidyapeeth Deemed University. I am extremely happy that you have chosen this temple of learning as a stepping stone for your future progression as a professional.

Dr. Patangrao Kadam had established Bharati Vidyapeeth at the age of 19 in May 1964. Within a span of a few decades, he had developed it into one of the largest educational organizations in the country and beyond. He had envisioned metamorphosing Bharati Vidyapeeth into a full-fledged University, which came true in April 1996 when the Government of India conferred the status of “Deemed to be University”. Its high academic standing has been acknowledged by the NAAC, which has awarded it with an ‘A+’ Grade in three rounds. Bharati Vidyapeeth is placed under the ‘Category-I’ by the UGC. It has been ranked 63rd among universities by NIRF in 2021. It is committed to providing value-based demand-driven courses that are relevant to the needs of students and job sectors.

The current global challenges require graduates with advanced skills, who will drive the industrial and technological spheres. The constituent units of Bharati Vidyapeeth Deemed University provide world-class learning platforms where student learning is enriched as per the requirements of the industry. Students are encouraged to learn and grow professionally and personally.

We dedicate our intellectual resources to advancement in the various areas of study through research activities so as to develop and empower students with the requisite expertise and understanding for addressing changes impacting the world. Our close linkage with industry has enabled the development of a curriculum based on the latest industry requirement. In testimony are our alumni who are working in the best organizations globally and as successful entrepreneurs.

Emphasis is laid here on strengthening the educational base in a conducive environment and becoming an effective contributor to our students’ professional growth.

I once again welcome you and wish you all success in your academic pursuit. I am sure that studying in Bharati Vidyapeeth Deemed University would be a rewarding experience for you.

ABOUT BHARATI VIDYAPEETH COLLEGE OF ENGINEERING

Bharati Vidyapeeth College of Engineering, Pune: A Beacon of Technical Excellence

Bharati Vidyapeeth College of Engineering (BVCOE), Pune, is one of India's leading institutions in the field of technical education. Established in 1983 under the visionary leadership of Dr. Patangrao Kadam, the college functions under the aegis of Bharati Vidyapeeth (Deemed to be University), a prominent educational trust with a strong commitment to academic excellence and holistic development.

Academic Excellence Across Disciplines

BVCOE offers a wide spectrum of academic programs in engineering, catering to both undergraduate and postgraduate students. The college runs Bachelor of Technology (B.Tech) courses in disciplines such as Computer Engineering, Mechanical Engineering, Civil Engineering, Information Technology, Robotics & Automation, and more. At the postgraduate level, it offers Master of Technology (M.Tech) degrees in specialized fields including CAD/CAM, VLSI Design, Nanotechnology, and Power Systems. The institute also provides robust Ph.D. programs, encouraging cutting-edge research across eight major engineering disciplines.

Campus and Infrastructure

Spread across an 85-acre urban campus on Pune-Satara Road, BVCOE offers a state-of-the-art infrastructure that supports both academic and extracurricular development. The campus houses over 100 laboratories, 40+ classrooms, multiple seminar halls, and a five-story central library that boasts a collection of more than 69,000 books and numerous journals. Additionally, students benefit from amenities such as hostels, a gymnasium, a cafeteria, bank services, and sports facilities.

Research and Innovation

BVCOE places strong emphasis on research, innovation, and entrepreneurship. The college's Innovation Council (IIC) is among the top-performing councils in India, receiving a commendable 3.5-star rating. Research in advanced fields like Artificial Intelligence, Nanotechnology, and Automation is actively pursued by both faculty and students.

Accreditation and Rankings

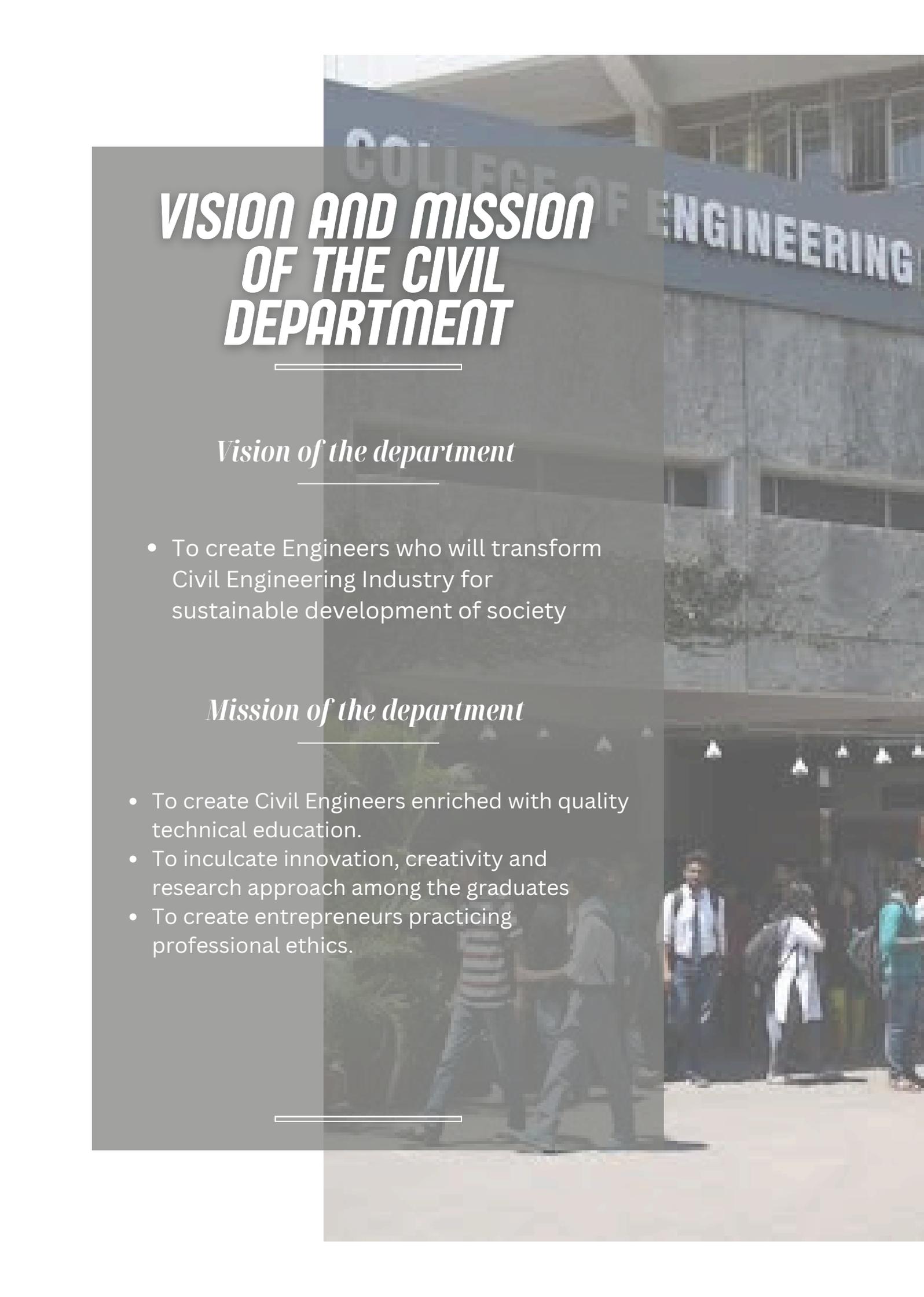
BVCOE is accredited by the National Board of Accreditation (NBA) and recognized by the National Assessment and Accreditation Council (NAAC). In the 2022 NIRF (National Institutional Ranking Framework) rankings, it secured the 133rd position among engineering institutions in India—an affirmation of its growing national reputation.

Admissions and Opportunities

Admission to undergraduate programs is primarily through the Bharati Vidyapeeth Common Entrance Test (BVP CET), with other seats filled via JEE, MHT-CET, or management quota. For M.Tech programs, admissions are also conducted through BVP CET. The college ensures a transparent and merit-based process that opens doors to a diverse group of students from across the country.

A Launchpad for Future Leaders

Over the decades, BVCOE has nurtured thousands of engineers who have gone on to excel in academia, industry, and entrepreneurship. With its blend of rigorous academics, modern infrastructure, research-driven environment, and a focus on ethical values, Bharati Vidyapeeth College of Engineering, Pune, continues to be a preferred destination for aspiring engineers.



VISION AND MISSION OF THE CIVIL DEPARTMENT

Vision of the department

- To create Engineers who will transform Civil Engineering Industry for sustainable development of society

Mission of the department

- To create Civil Engineers enriched with quality technical education.
 - To inculcate innovation, creativity and research approach among the graduates
 - To create entrepreneurs practicing professional ethics.
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E-newsletter



An e-magazine for a university serves as a dynamic platform to showcase the vibrant academic community, celebrate student and faculty achievements, and share the latest developments across various departments. It provides a space to feature in-depth articles on cutting-edge research, highlight significant campus events, and foster a sense of belonging among students. With a focus on creativity, collaboration, and innovation, the e-magazine becomes an essential tool for keeping the university community informed and engaged. Whether it's through insightful interviews, thought-provoking features, or updates on university life, the e-magazine captures the essence of university culture while promoting academic excellence and student involvement.

Cleanliness Drive at Taljai Hills, Pune: Civil Engineers for a Greener Tomorrow

Date 12/04/2023



The Department of Civil Engineering of [Your College Name] successfully organized a Cleanliness Drive at Taljai Hills, Pune on [insert date], reaffirming its commitment to environmental awareness and social responsibility.

Talgai Hills, a renowned biodiversity hotspot and a cherished escape for city dwellers, has seen a rise in litter and pollution due to increased human activity. Recognizing the urgency to protect this natural treasure, the department took a proactive step by initiating a cleanliness campaign to promote sustainability and civic responsibility.

The drive began early in the morning with a short briefing session on cleanliness ethics, waste segregation, and safety precautions. Equipped with gloves, eco-friendly garbage bags, and an unwavering sense of duty, students and faculty members spread across the area, collecting plastic, wrappers, and other non-degradable waste. The team successfully gathered and segregated over [insert quantity] kilograms of waste, which was then handed over to the Pune Municipal Corporation for proper disposal.

Beyond just cleaning, the event aimed to inspire behavioral change and spread awareness among locals and tourists visiting the hills. Posters and placards with messages about environmental conservation and cleanliness were displayed along the trails.

The initiative was not just a cleanup effort—it was a reflection of the values upheld by the Department of Civil Engineering: building not only infrastructure but also a better, cleaner society. The event concluded with a group pledge to continue such eco-conscious efforts and encourage others to do the same.

With this impactful drive, the department once again demonstrated that engineers are not only builders of structures but also stewards of the environment.

TRAFFIC AWARENESS DRIVE: ENGINEERING MINDS FOR SAFER ROADS

13/04/2023



The Department of Civil Engineering of conducted a Traffic Awareness Drive-on [13/04/2023] as part of its ongoing commitment to community engagement and public safety. The event aimed to educate the general public about road safety rules and promote responsible behavior on the roads.

Recognizing the alarming rise in road accidents due to negligence and lack of awareness, the department organized this social initiative in collaboration with the local traffic police authorities. The campaign took place at key traffic junctions in [insert location], where students, accompanied by faculty coordinators, actively engaged with pedestrians, drivers, and two-wheeler riders.

Volunteers distributed informative pamphlets highlighting key traffic rules, helmet and seatbelt usage, speed limits, and the dangers of using mobile phones while driving. Thoughtfully designed placards and posters with road safety messages were displayed to attract public attention. Some students also performed short skits to creatively convey the importance of following traffic regulations.

The local traffic police appreciated the initiative and participated by guiding the students on traffic management and sharing real-life insights into common violations and their consequences. The interaction helped bridge the gap between civil engineering education and its real-world application in urban traffic systems and infrastructure planning.

This traffic awareness campaign was not just a social activity—it was an effort to build a culture of responsibility and awareness. It underscored the role of civil engineers in shaping not only roads and highways but also safer and more informed communities.

The event concluded with a strong message: “Better roads begin with better behavior.”

COMPARATIVE STUDY OF INDIAN & GERMAN TRAFFIC SYSTEMS: A THOUGHT-PROVOKING SOCIAL ACTIVITY

Date 17/04/2023

On 17th July 2023, the Department of Civil Engineering of [Your College Name] conducted an insightful social awareness activity titled “Comparison of Indian & German Traffic Systems”, aimed at educating students and the public on global best practices in traffic management and road safety.

The event was held within the college premises and was attended by students, faculty members, and invited guests. The initiative was designed to encourage critical thinking and discussion about how traffic systems in India can evolve by learning from international examples—specifically, Germany, which is known for its highly efficient and disciplined traffic network.

The session began with an introduction by faculty coordinator [insert faculty name, if different from previous events], who emphasized the importance of traffic discipline, infrastructure design, and public cooperation in building safer roads. Through presentations, videos, and interactive posters, students highlighted key points of comparison:

- Road Infrastructure: Germany’s well-maintained autobahns vs. the congestion-prone urban roads in India.
- Traffic Rules & Enforcement: Strict implementation of laws and minimal corruption in Germany, compared to more lenient enforcement in India.
- Driver Discipline: High civic sense and strict licensing procedures in Germany vs. common rule violations in India.
- Public Transport Systems: Efficient and punctual German transit systems contrasted with overcrowded and often delayed services in India.

The event also included a quiz and a group discussion where students shared their views on how India could adopt practical elements from Germany’s traffic system—such as better road signage, stricter penalties, and awareness campaigns—to improve safety and efficiency.

This social activity was not just a comparative study—it was a call to action. It urged the future civil engineers to think globally and act locally, shaping better infrastructure and responsible behavior.

The event concluded with a vote of thanks and a pledge by students to follow and promote traffic rules as responsible citizens and future professionals.

FAREWELL FUNCTION 2023

06/05/2023

Farewell Function 2023: A Heartfelt Send-off by CESA

The Civil Engineering Students Association (CESA) of [Your College Name] organized a touching and grand Farewell Function 2023 on [insert date], bidding an emotional goodbye to the final-year students of the Department of Civil Engineering.

Held at [insert venue], the farewell was a perfect blend of celebration, nostalgia, and heartfelt memories. The event was organized to honor the outgoing batch for their hard work, achievements, and contribution to the department over the past four years.

The program began with a warm welcome by the junior students, followed by a speech from the Head of Department, who congratulated the final-year students on completing an important chapter of their academic journey and wished them success in their future endeavors. Faculty members also shared emotional messages, recalling fond memories and valuable moments with the graduating batch.

A highlight of the event was the cultural performances by junior students, including songs, dances, and a special video montage showcasing candid memories, classroom moments, site visits, and departmental events over the years. These brought smiles, laughter, and even a few tears.

The most awaited part of the evening was the title distribution, where the seniors were given fun and personalized titles reflecting their unique personalities and memorable traits. The event also included interactive games and an open mic session where seniors shared their college experiences, words of wisdom, and gratitude.

The farewell function concluded with a token of appreciation and a memento presented to each final-year student as a reminder of their time in the department. A group photo and a DJ session ended the day on a high, celebrating both the end of a chapter and the beginning of a new one.

Through this heartfelt farewell, CESA once again showcased its dedication to fostering unity, respect, and a lasting bond among all batches of the civil engineering family.

EXPERT LECTURE ON GUIDANCE FOR HIGHER STUDIES BY MS. ADITI LELE

18/08/2023

On 18th August, the Department of Civil Engineering organized an insightful expert lecture on "Guidance for Higher Studies", presented by Ms. Aditi Lele, an experienced academic advisor and motivational speaker. The lecture was designed to help students navigate the challenges of pursuing higher education and make informed decisions regarding their future academic and professional paths.

Ms. Lele, with her vast experience in academic counseling, shared her expertise on how students can plan and prepare for higher studies, whether they aim to pursue a master's degree, research, or even international opportunities. The session focused on identifying academic goals, understanding the significance of specialization, and preparing for the challenges that lie ahead.

Key Topics Covered in the Lecture:

1. Importance of Higher Studies:
2. Ms. Lele began by discussing the value of higher education and how it plays a pivotal role in shaping an individual's career. She explained how pursuing a master's degree or research can enhance one's knowledge, open doors to specialized fields, and lead to better career opportunities in both academia and industry.
3. Choosing the Right Path:
4. Ms. Lele stressed the importance of choosing the right academic program based on individual interests, strengths, and career goals. She guided students on how to evaluate different fields of study, institutions, and the specific skill sets required for various engineering and research disciplines. She emphasized that a thoughtful decision today can pave the way for a fulfilling career tomorrow.
5. Preparing for Competitive Exams:
6. One of the key aspects of higher studies in engineering often involves entrance exams for prestigious institutions. Ms. Lele provided valuable tips on how to prepare for competitive exams, including time management strategies, study techniques, and maintaining motivation throughout the preparation period. She also discussed the significance of building a strong academic profile with research papers, internships, and projects.
7. Exploring International Opportunities:
8. Ms. Lele encouraged students to explore global opportunities for higher education. She explained the advantages of studying abroad, such as exposure to diverse cultures, access to cutting-edge research, and the opportunity to network with global experts. She also discussed the application process, scholarships, and other resources available to students looking to pursue higher education in international institutions.
9. Building a Research-Oriented Mindset:
10. For those interested in research, Ms. Lele shared insights into how students can develop a research-oriented mindset. She talked about the importance of curiosity, critical thinking, and the ability to identify and address real-world problems through research. She highlighted the significance of selecting the right research topics, finding mentors, and participating in research projects during undergraduate studies to build a strong foundation.
11. Overcoming Challenges and Staying Motivated:
12. Ms. Lele provided motivational guidance to students, acknowledging that the journey towards higher studies can be challenging. She discussed common obstacles, such as balancing studies with extracurricular activities, managing stress, and maintaining motivation. She emphasized the importance of setting realistic goals, seeking mentorship, and staying persistent in the face of difficulties.
13. Financial Planning for Higher Education:
14. Financial concerns often deter students from pursuing higher studies. Ms. Lele provided practical advice on how students can plan financially, including understanding scholarships, student loans, and other funding options available for higher education. She also recommended starting the financial planning process early to avoid last-minute challenges.

Conclusion and Takeaways:

Ms. Lele concluded the session by encouraging students to pursue their passions and consider higher studies as an investment in their future. She reminded them that while the path to higher education may be filled with challenges, the rewards in terms of knowledge, personal growth, and career advancement are worth the effort.

The lecture inspired students to think critically about their academic and professional goals and gave them the tools to navigate the complex journey of higher education with confidence. Ms. Lele's motivational insights also served as a reminder that with the right planning, perseverance, and support, they can achieve great success in their academic pursuits and beyond.

TEACHERS' DAY & CESA INAUGURAL PROGRAM

05/09/2023



In addition to academic and professional pursuits, CESA organizes social events, networking mixers, and recreational activities to foster a sense of camaraderie among students. These events provide opportunities for relaxation, socialization, and building lasting friendships

Honoring Mentors, Igniting Minds: Teachers' Day & CESA Inaugural Program

The Civil Engineering Students Association (CESA) of Bharati Vidyapeeth College of Engineering marked a memorable beginning to the academic year with the grand celebration of Teachers' Day combined with the CESA Inaugural Program, held on 05/09/2023 in the civil department .

The event was graced by the presence of our esteemed faculty, invited dignitaries, alumni, and enthusiastic students. The dual celebration served as a tribute to the guiding forces behind our academic journey—our teachers—and as a launchpad for the dynamic activities planned by CESA for the year ahead.

The program began with a solemn lighting of the lamp ceremony, followed by a melodious Saraswati Vandana, setting a spiritual tone for the event. The welcome address, delivered by [insert name/designation], expressed heartfelt gratitude to the faculty and introduced the objectives of CESA for the upcoming year.

Teachers' Day Celebrations included speeches by students that beautifully highlighted the impact of teachers on shaping careers and character. A video montage, featuring student messages and classroom memories, brought smiles and nostalgia to all present. Token gifts and appreciation certificates were presented to all faculty members as a gesture of love and respect.

The CESA Inauguration was marked by the formal introduction of the new student committee. [Insert name], the newly elected President of CESA, outlined the vision for the academic year, which includes technical workshops, field visits, inter-college events, and social outreach initiatives. The chief guest, [insert name & designation], delivered an inspiring keynote on the importance of leadership, innovation, and collaboration in civil engineering.

The program concluded with a vibrant cultural segment featuring music, dance, and poetry that reflected the spirit of unity and creativity within the department. The event was a perfect blend of reverence, motivation, and celebration—honoring our mentors while empowering student voices.

With the successful inauguration of CESA and a heartfelt Teachers' Day celebration, the Department of Civil Engineering now looks forward to a year filled with learning, growth, and achievement.

EXPLORING THE FUTURE WITH DATA ANALYTICS: A SESSION BY LTI MINDTREE

10/09/2023

Department of Civil Engineering | Event Date: 10th September 2023

In an age where data drives decisions across every sector, the Department of Civil Engineering at our university took a forward-thinking step by organizing an insightful session on “Data Analytics” in collaboration with LTI Mindtree. The event, held on 10th September 2023, featured a distinguished speaker, Mr. Jay Sharma, a seasoned expert in data science and analytics from LTI Mindtree.

The seminar aimed to introduce civil engineering students to the transformative role of data analytics in modern infrastructure, construction, and smart city planning. Mr. Sharma shared his expertise on how data-driven approaches are reshaping project management, structural health monitoring, and predictive maintenance in civil engineering.

Through engaging case studies and real-world applications, the session highlighted how tools like machine learning, data visualization, and IoT integration can enhance efficiency and sustainability in engineering projects. Mr. Sharma emphasized the growing demand for interdisciplinary knowledge and encouraged students to explore analytics alongside their core engineering curriculum.

The event received an overwhelming response, with active participation from students and faculty members alike. It concluded with a Q&A session where attendees eagerly interacted with Mr. Sharma, gaining valuable insights into career prospects in the field of data analytics.

Such initiatives by the department reflect a strong commitment to preparing students for the evolving demands of the industry, empowering them with the knowledge and skills to lead in a data-driven world.

VISIT TO KATRAJ DAIRY'S EFFLUENT TREATMENT PLANT: A LEARNING EXPERIENCE FOR CIVIL ENGINEERING STUDENTS

Date 10/10/2023



The Department of Civil Engineering organized an insightful visit to the Effluent Treatment Plant (ETP) at Katraj Dairy, offering students a firsthand look at the practical application of environmental engineering concepts. The visit, led by Mrs. Archana Mule, the ETP in charge, was a valuable educational opportunity, allowing students to witness how the dairy industry tackles the critical challenge of wastewater management.

Katraj Dairy, known for its large-scale milk processing, generates significant volumes of wastewater. The ETP at the dairy treats this wastewater, ensuring it meets environmental standards before being released back into the ecosystem. This process involves various stages, including physical, chemical, and biological treatments, which students were able to observe in action.

The visit was guided by Mrs. Archana Mule, who shared insights into the operational processes of the plant and the importance of sustainable wastewater management. The students gained a deeper understanding of the technologies used in effluent treatment, including the challenges faced in treating organic and chemical pollutants specific to the dairy industry.

The educational trip was also enriched by the expertise of Dr. Gidde M. R and Prof. S. M. Tarte, faculty members from the Department of Civil Engineering, who accompanied the students and helped contextualize the visit. Their discussions on water treatment techniques, environmental regulations, and the role of engineers in ensuring sustainable practices were invaluable for the students' learning experience.

This visit served as an excellent opportunity for students to connect theoretical knowledge with real-world applications. It highlighted the importance of environmental sustainability in industrial operations, showcasing how engineering solutions can address environmental challenges effectively. It also provided students with a broader perspective on the role of civil engineers in improving public health and environmental quality.

Through this activity, students not only gained technical knowledge but also developed an appreciation for the significance of social responsibility and sustainable practices in engineering. The visit to the Katraj Dairy ETP was a memorable and educational experience, contributing to the holistic development of future civil engineers.

FRESHER'S PARTY 2025: A WARM WELCOME BY CESA

Date 14/10/2023

The Civil Engineering Students Association (CESA) hosted a vibrant and memorable Fresher's Party on [14/10/2023], welcoming the newest members of the department with open arms and enthusiastic hearts.

The event was a perfect blend of fun, music, and camaraderie. The fresher's party is a long-standing tradition that celebrates new beginnings, and this year's edition lived up to the excitement and energy expected of it. The event began with a welcome speech by the senior students and CESA representatives, who shared insights into departmental life and encouraged active participation in future academic and co-curricular activities.

The highlight of the evening was the Mr. and Ms. Fresher Contest, where first-year students confidently took to the stage to showcase their talents, creativity, and charm through various rounds of performance and interaction. The crowd cheered on as participants danced, sang, and shared their aspirations, while a panel of faculty and senior students judged the contest.

To keep the energy high, a DJ session followed, where students danced their hearts out, making it an evening of unforgettable memories and bonding. A photo booth with quirky props added to the joy, capturing the smiles and friendships formed that day.

The event concluded with the crowning of Mr. Fresher and Ms. Fresher, followed by a thank-you note from the organizing committee. The fresher's party not only broke the ice between juniors and seniors but also set the tone for a year of collaboration, learning, and growth within the civil engineering family.

Through this lively celebration, CESA once again demonstrated its role in fostering unity, creativity, and a strong sense of community in the department.

Prepared by - Aihshan Raza (sem III) and Om Phad (sem III)



EXPERT LECTURE ON BASICS OF DRONE SURVEY BY DR. ARVIND R

Date 17/10/2023



The Department of Civil Engineering hosted an insightful expert lecture on "Basics of Drone Survey" by Dr. Arvind R, an expert in surveying and geospatial technologies, on 17th October 2023. This lecture provided students with a comprehensive introduction to the innovative use of drones in surveying and mapping, which has revolutionized the field of civil engineering and construction.

Drones, also known as Unmanned Aerial Vehicles (UAVs), have become an essential tool in modern surveying due to their ability to capture high-resolution images and data quickly, efficiently, and cost-effectively. Dr. Arvind R, with his extensive knowledge in the field, guided students through the fundamental concepts of drone surveying, its applications, and the technological advancements that make it a valuable tool in the engineering industry.

Dr. Arvind concluded the lecture by encouraging students to explore the potential of drone surveying in their future careers. He emphasized that understanding drone technology and its applications is crucial for civil engineers as it helps improve efficiency, safety, and precision in surveying and construction projects.

The lecture was an eye-opening experience for students, as it exposed them to an emerging technology that is reshaping the surveying and mapping industry. Students left the session with a deeper understanding of how drones are transforming the way engineers collect and analyze data, and how they can integrate these tools into their professional practice.

THANK YOU FOR BEING A PART OF THIS EDITION!





Department of Civil Engineering

e-magazine

"CONSTRUCTING EXCELLENCE: THE CIVIL ENGINEERS OF TOMORROW"

BHARATI VIDYAPEETH DEEMED UNIVERSITY
College of Engineering, Pune

TEACHER'S DAY & CESA 2023-24 INAUGURAL PROGRAMME



In addition to academic and professional pursuits, CESA organizes social events, networking mixers, and recreational activities to foster a sense of camaraderie among students. These events provide opportunities for relaxation, socialization, and building lasting friendships within the civil engineering community.

