



# NEWS LETTER

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## BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, NAVI MUMBAI

Bharati Vidyapeeth is a 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 post graduate stage within a short span of 44 years. At Bharati Vidyapeeth our objective has been to contribute to intellectual awakening 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 has been towards catering to needs of Corporate India by providing quality education and to bring about an all-round development of a wider cross section of 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 institutions of Bharati Vidyapeeth. In the year 2000, three more institutions were accorded the same status. Within such a short span of time, the performance of Bharati Vidyapeeth is accredited to none other than the man himself Dr. Patangrao Kadam.

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# Late Dr. Patangrao Kadam, Founder Of Bharati Vidyapeeth

Our mission at Bharati Vidyapeeth is to identify and prepare leaders for the new millennium and also to cope up with the increasing demand for leaders in the 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 moulded and equipped with courage, self-determination,

and dedication and must be in a position to overcome any sort of difficulty with introspection. Keeping this in mind, we should start 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 in this sphere.

In pursuance of the main objective, Bharati Vidyapeeth has started several institutes operating right from pre-primary to post graduation research level.



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# Dr. Vishwajeet Kadam, Secretary, Bharati Vidyapeeth

Welcome to Bharati Vidyapeeth Deemed University- India's largest multi-faculty, multi-campus university. In a global economic scenario that is constantly

Only education empowers society to grow in a real sense by overcoming poverty, ignorance, and lack of esteem. This thought led us to pursue BVDU's mission is to bring social transformation through dynamic education. Barring all barriers, education should be spread to every stream of society and individual. Bharati Vidyapeeth Deemed University is keen on sustaining this vision with all its capacities. We have been taking every possible measure to bring the youth under one roof that can provide them with modern education to counter challenges ahead.



# Dr. V.J. Kadam Director, Bharati Vidyapeeth Navi Mumbai Campus

It gives me immense pleasure to introduce our Bharati Vidyapeeth's College of Pharmacy and to welcome you to our campus. Our college is an important link in the chain of the prestigious Bharati Vidyapeeth institutions, which also includes the Bharati Vidyapeeth Deemed University at Pune. With a common objective, that is to bring about 'Transformation through Dynamic Education', we at Bharati Vidyapeeth's College of Pharmacy will strive for excellence by adopting and implementing a system that ensures a perpetual improvement in educational quality. Such a system will involve creation and regular upkeep & update of infrastructure and facilities conducive to effective teaching-learning process.

Bharati Vidyapeeth's College of Pharmacy has come a long way in the span of 17 years since 1993 when it was established. We recently started with the doctorate program in the field of pharmaceuticals and pharmaceutical chemistry. The dedicated faculty and staff are contributing to an interactive teaching environment. This has reflected in the University results. I heartily congratulate my competent and devoted faculty members, staff and students for the splendid progress of our college. Our laboratories are spacious and well equipped while class rooms have modern audio visual aids. The library provides multiple national & international editions of books, journals, periodicals & magazines. I am confident that all the infrastructure and facilities, coupled with our dedication, commitment and motivation will form the best environment to nurture and grow your academic interests and ensure a bright future for you. On behalf of my institution, I once again welcome you to join us, grow with us, and become a proud member of our Bharati Vidyapeeth family.



# Dr. Sandhya Jadhav, Principal Of BVCOE, Navi Mumbai

The college has developed excellent infrastructure, well-equipped laboratories, and a regularly enriched library. The library has also subscribed to several scientific journals, which helps students understand the recent engineering and technology trends. The College provides technical education to students and conducts many co-curricular and extra-curricular programs, which ensure the multifaceted development of students. With all the laurels we have achieved to date, I am sure we will keep providing a gamut of professional Engineers and Technocrats backed by the top professional services.



# The Department Of Computer Engineering

The Department Of Computer Engineering offers B.E in Computer Engineering and M.E in Computer Engineering with a combined intake of 78 (60+18). The main goal of our department is to provide students with the right environment to their skills not only in academics but in all aspects of life. Knowledge is power and providing the students with the right guidance has been our motive since the very beginning. With the help of our superior infrastructure and faculty members with profound

technical knowledge, we ensure we do justice to every single student that has been a part of this department.

## Dr. D.R. Ingle, Head Of Computer Engineering Department



Welcome to Department of Computer Engineering. The Department seeks to combine excellence in education with service to the industry. Our vision is to be recognized as innovative and leading Department. Our goal is to provide students with a balance of intellectual and practical experiences that enable them to serve a variety of societal needs. Students are nurtured to become best software professionals or become Entrepreneurs in their own innovative way. I am sure in times to come many students from our department will make incredible mark nationally and internationally. The expertise of faculties is broad. We hold firm belief in our ability to succeed, practice human values, and show attitude of self-reliance, confidence and commitment. I am sure that the students of the department will show a high level of professional competence in their respective areas. I wish my students all the best for all their endeavours.

## Department's Vision

To be a Centre of Excellence in Computer Engineering domain and work with industry on cutting edge technology to meet current and emerging challenges from global perspective for the development of society and nation.

# Event: Expert Lecture Report

The Department of Computer Engineering organized an "Expert Talk on Django Framework" on 27/03/2025 in Room No. 202. The session was delivered by Gadge Anand and coordinated by Dr. D. R. Ingle.



# Department's Mission

**Technical Skills:**-To provide solid technical foundation theoretically as well as practically in the discipline of computing enabling students to adapt to rapidly changing technology and betterment of society.

**Development:**-Department caters to the need of students through comprehensive educational programs, dissemination through scholarly

publications, and prepares them for various professional bodies. Ethical

**leadership:**- Department develops ethical leadership acumen in the students to succeed in industry, government, and academia.

# Pre Placement Training Program

Pre-placement training equips students with essential skills such as resume writing and interview techniques, enhancing their employability and confidence. It bridges the gap between academic knowledge and industry expectations, ensuring they are prepared for the job market.

2.1 A pre-placement training demo session was conducted by Smart Wayz and Campus Credential representative.



Dept. Name	Computer Engineering
Title	Aptitude training demo session
Dates	8/8/2025
Coordinators	Prof.Vijaylaxmi Bittal

# Research Article Published

Faculty should publish research articles in journals to contribute to the body of knowledge in their field and enhance their professional recognition and credibility. Engaging in research keeps faculty updated on current trends, enriching their teaching and curriculum.



1. Dr. D.R. Ingle, "Transforming Checkpoints Experiences Efficient Check-in and Check-points with Automatic number Plate Recognition and Mobile App Integration", 4th International Conference on Sustainable Experts Systems(ICSES 2024) IEEE on 15-17 October 2024, organised by Pokharan University, Nepal.



Piyush Ingole, Prasad Ramchandra Baviskar, Madhuri Ghuge, Bhawana S. Dakhare, Yashwant Dongre, Pragati Dubey, "Optimizing resource allocation in hospitals using predictive analytics and information systems", Journal of Information Systems Engineering & Management, 10(1s), 400-415.

<https://doi.org/10.52783/jisem.v10i1s.224>

Prof. Madhuri Ghuge



Kanchan K. Doke, Dr. D. R. Ingle, "Mathematical Modelling for Neural Network-Based Textural Feature Extraction from Normalized Ocular Images for Improved Biometric Authentication", Advances in Nonlinear Variational Inequalities, Vol 27 No. 2(2024), pp 453-466.

Prof. Kanchan K. Doke

4. Kamble, T., Ghuge, M., Jain, R., & Bodade, V. S. (2024). Secure data transmission in cloud computing using a cyber-security trust model with multi-risk protection scheme in smart IOT application. Cluster Computing, 28(2). <https://doi.org/10.1007/s10586-024-04847-z>
5. Mukil, S. B. Mane, R. Abdulla, and S. Sivanesan, "Fall detection system for labor safety," AIP Conference Proceedings, vol. 3161. AIP Publishing, p. 020146, 2024. doi: 10.1063/5.0229434
6. C. R. Bhat, S. B. Mane, C. Bhatt, G. Verma, S. J. Naser, and Muhsin. Jweeg, "Enhancement of Level of Security using Wireshark Through Continuous Monitoring and Detection System," 2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), vol. 28. IEEE, pp. 342-344, May 14, 2024. doi: 10.1109/icacite60783.2024.10617118
7. S. B. Mane, S. Thangalakshmi, R. Umamageswari, C. Praveenkumar, A. R. Sarhan, and O. Muhsin, "The use of SVM and AR Methods for allotment of Load Scheduling and Energy Management in SPS," 2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE). IEEE, pp. 16-20, May 14, 2024. doi: 10.1109/icacite60783.2024.10616972

## Faculty Achievement

Delivered a Expert talk on Artificial Intelligence based intelligent system for Vehicle Transportation system at ATAL FDP, Don Bosco Institute of Technology, Mumbai on 9th January 2025



## Faculty development program attended



Sr. No	Name of Faculty	Title	Duration	Organized by
1.	Mrs. Kancha K. Doke	AI for Healthcare: Innovation , Application, and Features Trends	10/2/2025- To 14/2/2025.	Vishwakarma Institute of Technology, Kondhwa Campus, Pune
2.	Ravindra Ghugare	Data Science Fundamentals and Ethical Practices	03/02/2025 To 08/02/2025.	Bharatiya Vidya Bhavan's Sardar Patel Institute Of Technology
3.	Aruna Kamble	Quantum Computing Fundamentals	6/1/25 To 11/1/25	MIT , Pune

## 6. Students Achievement Students Participation in Competition

Sr. No.	Name of Student	Event	Level	Date	Prize/Award
1.	Aditya Tathe	TechFest, IIT Bombay	Inter	Jan 2025	Silver Medal
2.	Sneha Dubey	Hackoverflow Pillai College of Engg	Inter	21/3/2025	Participated
3.	Daji Adelkar	Hackoverflow Pillai College of Engg	Inter	21/3/2025	Participated
4.	Rushikesh Brahmankar	Xhibitech 2025	Intra	9/4/2025	1 <sup>st</sup> Prize
5.	Anish Barve	Xhibitech 2025	Intra	9/4/2025	1 <sup>st</sup> Prize
6.	Vidhi Kadam	Xhibitech 2025	Intra	9/4/2025	1 <sup>st</sup> Prize
7.	Manasi Shinde	Xhibitech 2025	Intra	9/4/2025	1 <sup>st</sup> Prize
8.	Manasi Suroshe	Xhibitech 2025	Intra	9/4/2025	2 <sup>nd</sup> Prize
9.	Sneha Yadav	Xhibitech 2025	Intra	9/4/2025	2 <sup>nd</sup> Prize
10.	Vaishnavi Khanvilkar	Xhibitech 2025	Intra	9/4/2025	2 <sup>nd</sup> Prize

# Certified Course completed by Students

Sr. No.	Title	Name of Body/Institute	Duration (From to to)	Name of Student	Class
1.	Data Analytics	Nasscom Foundation	15/09/2024 - 15/03/2025)	Madiha Diwan	BE
2.	Data Analytics	Nasscom Foundation	15/09/2024 - 15/03/2025)	Sayli Datir	BE
4.	Web Development	IBM	01/02/2025-30/03/2025)	Vishal Gupta	SE
5.	Supervised Machine Learning: Regression and Classification	Coursera	01/03/2025-30/03/2025)	Shantanu Nagwekar	TE
6.	Web Development	IBM	01/02/2025-30/03/2025)	Kishan Gupta	SE

## Department Achievement

- Intake of UG increased from 60 to 120 from 2024-2025.
- In Research Center of Computer Department Three Students Completed Ph.D. in Computer Engineering.
- Four Students submitting their Research work in this Month.
- Four Staff pursuing Ph.D.in Computer Engineering from Recognized University.

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**Following teacher has started their journey to pursue Ph.d**



# Industrial Visit

## Outcome of the activity:

- **Understanding of Oil and Gas Industry:** The visit helped students understand the crucial role of the oil and gas sector in the global energy economy and its impact on chemical engineering practices.
- **Exposure to Exploration and Production Processes:** Students were able to connect theoretical knowledge from their coursework to real-world applications in exploration, drilling, and production.
- **Technological Innovations in the Industry:** The visit exposed students to state-of-the-art technologies in drilling, refining, and environmental management, which are key to the modern oil and gas industry.
- **Sustainability Practices:** Students learned how industries like ONGC incorporate sustainable practices and environmental protection measures, which are critical components of modern chemical engineering.
- **Career Awareness:** The visit broadened students' career perspectives, showing the various roles chemical engineers can play in the energy sector, from research and development to field operations and management.



# Extra-Curricular Activities organized

## ○ Cipher Quest

Technical Festival Event "Cipher Quest" was organised by the students of Computer Engineering Students Association (CESA) on 20<sup>th</sup> Jan 2025. The Chief Guest for the Inauguration was Mr Amit Nikalje Dy Commisioner Customs Mumbai and Mr Samadhan Manore Dy Director CDAC Mumbai.

The inauguration of Cipher Quest was done by Principal Dr. Sandhya Jadhav, All the Head of Departments and the Chief guest of the event. The Chief Guest Mr Amit Nikalje and Mr Samadhan Manore were felicitated by Principal Dr Sandhya Jadhav



## NGO Visit

The primary objective of the visit to Raigarh Jilha Parishad Shala, Dhamole was to provide essential support to the students of Raigarh Jilha Parishad Shala, Dhamole, by distributing snacks and school supplies (Total-11001 rs.), thereby ensuring their basic academic needs were met. Additionally, the visit aimed to foster a sense of social responsibility, teamwork, and empathy among the NSS volunteers while strengthening community engagement in education.

**Summary:** As part of the National Service Scheme (NSS) activities, a team comprising 11 faculty members and 12 student coordinators visited Raigarh Jilha Parishad Shala, Dhamole. The visit aimed to provide essential support to the students while fostering a sense of social responsibility and teamwork among the NSS volunteers.



# Project Exhibition/Competition

Name of College	Bharati Vidyapeeth College of Engineering, Navi Mumbai
Name of Department	Computer Engineering
Title of Event	"Xhibitech-25"
Date of Event	9 <sup>th</sup> April 2025
Location of Event	Computer Department
Guest Name	<ol style="list-style-type: none"> <li>Mr. Prakash Pimple Joint Director, CDAC Navi Mumbai, Mob-969049667</li> <li>Mr. Samadhan Pawar, Principal Consultant, Knack System, Mumbai, Mob-9930310727</li> </ol>
Coordinators	Mr. Sandeep Chavan



**Bharati Vidyapeeth College of Engineering, Navi Mumbai**  
**XhibiTech-2025**  
**Event Schedule**

**Event Schedule**

- 🕒 10:00 AM – 10:30 AM  
Conference Room  
Judges' Breakfast
- 🕒 10:30 AM – 11:00 AM  
Entrance Gate  
Inauguration Ceremony
- 🕒 11:00 AM – 11:15 AM  
Department  
Introduction & Assembly of Students
- 🕒 11:30 AM – 1:00 PM  
Round I: Project Presentations
  - Track-I : Room No:
  - Track-II : Room No:
  - Track-III : Room No:
- 🕒 1:00 PM – 2:00 PM  
Physics Lab  
Lunch for Respected Judges and HODs
- 🕒 2:00 PM – 2:30 PM  
Department  
Final Round
- 🕒 2:30 PM – 3:00 PM  
Department  
Prize Distribution & Closing Remarks



# Parents Teacher Meet

Parent-Teacher Meeting was conducted on 22<sup>nd</sup> March 2025 respectively under the guidance of the Head of Department, Dr. D.R. Ingle, and Principal, Dr. Sandhya Jadhav. A total of 53 parents attended the meeting, with representation from different sections:

The meeting commenced with a presentation on the overall achievements of the department by Dr. D.R. Ingle. The presentation included the following key aspects: Faculty achievements, Student achievements, Results of the odd semester, Placement achievements, Workshops conducted by industry experts, Industry-institute interactions, including collaborations with C-DAC and IIT Bombay. Dr. D.R. Ingle emphasized the importance of academic development, highlighting achievements and academic performance. Faculty members interacted with parents regarding students' strengths, areas for improvement, and overall progress. Dr. Ingle also advised students to minimize mobile phone usage for better focus on academics.

One of the key discussions in the meeting was about an alumni achievement funded by Suresh Takale, who spoke about increasing student intake by 60 and boosting students' confidence.



# Alumni Activity

The expert lecture on "Modern Web Application Development Using Microsoft .NET Technologies" provided an in-depth exploration of the tools and techniques used in building scalable, robust web applications. It covered three core technologies: ASP.NET Core, MVC, and Blazor, emphasizing their roles in modern web development. ASP.NET Core was introduced as a powerful, cross-platform framework for building dynamic, high-performance web applications. Its flexibility and performance make it a preferred choice for modern development, supporting both RESTful APIs and dynamic content-driven websites. The lecture highlighted ASP.NET Core's support for cloud-native applications, offering scalability and robust security features, which are crucial for enterprise-level projects.

The MVC (Model-View-Controller) pattern was discussed in detail, showcasing its advantages in maintaining a clean separation of concerns within web applications. By separating the application's data, logic, and user interface, MVC ensures that developers can easily manage and update individual components without affecting the overall system. This promotes code reusability and improves maintainability, which is vital for long-term projects.



# Alumni Meet 2025

A total of 42 alumni from various graduating batches attended the Alumni Meet. The department welcomed alumni from the pass-out years of 1995, 2003, 2004, 2005, 2007, 2011, 2012, 2014, 2015, 2016, 2017, 2019, 2020, and 2022. They were warmly greeted at the registration desk set up in the entrance lobby and presented with a coffee shake container as a token of appreciation.

The alumni eagerly gathered in the department, reminiscing about their college days and engaging in insightful discussions with the faculty. Topics ranged from academics, industry trends, bridging the gap between academia and industry, placement opportunities, and more. A strong emphasis was placed on providing career guidance to current students.

Several distinguished alumni, including Harmeet Padda, Monish Chaudhari, Nikhil Nair, Alka Beldar, Dr. Surekha Janrao, and Nutan Bhosale, Prashant Mane, Robin Sood shared their experiences and valuable insights. The session concluded with a group photoshoot of alumni and faculty.



 Celebrating 50 and Beyond  
BHARATI VIDYAPEETH  
FOUNDER: HON'BLE DR. PATANGRAO KADAM

  
**Bharati Vidyapeeth**  
College of Engineering, Navi Mumbai  
[www.bvcoenm.edu.in](http://www.bvcoenm.edu.in)

  
Hon'ble Dr. Patangrao Kadam  
M.A., LL.B., Ph.D.  
Founder : Bharati Vidyapeeth, Pune.

**DEPARTMENT OF COMPUTER ENGINEERING**  
**ALUMNI MEET 2025**

**Prof. Amit V. Kadam**  
Vice President  
BV Alumni Association

**Dr. Sandhya Jadhav**  
President  
BV Alumni Association

**Saturday, 8th Feb., 2025**



# Placement



**BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, NAVI MUMBAI**  
**DEPARTMENT OF COMPUTER ENGINEERING**  
 (ACCREDITED BY NBA)  
**CONGRATULATIONS TO ALL PLACED STUDENTS SO FAR**  
**OF THE ACADEMIC YEAR 2024-25**

  
 Dr. Patangrao Kadam  
 M.A., L.L.B., Ph.D.  
 Founder-Bharati Vidyapeeth, Pune



Sr No	Student Name	Company Name	Package IN LPA
1	Khanvilkar Vaishnavi H.	Saint Gobain	6.5
2	Phadtare Santosh Ashok	Saint Gobain	6.5
3	Pardeshi Prem Rakesh	Godrej	4
4	Sakunde Hemant Arjun	IRIS	4
5	Fasahte Yusuf Ahmar	Sankey Business Solutions	4
6	Gurav Nikhil	Sankey Business Solutions	4
9	Baing Rohit Uday	Pyramid E&C	4.25
11	Chore Srushti Manojkumar	Deloitte	3.57
14	Dubey Sneha Ramesh	Deloitte	3.57
15	Jagdale Sakshi Sujit	Deloitte	3.96
16	Kumar Anurag Binod	Galaxy Office Automation	3.15
17	Matwandkar Aditya Ashok	IndusInd Bank	5
18	Pathania Rahul Ravinder	AKS IT Services	4.6

# Result

## EVEN SEM (May 2024)

S.N.	Class	Students Appeared	Students Passed	Pass %
1	BE	75	74	98.66
2	TE	77	66	85.71
3	SE	76	57	75

## Toppers EVEN SEM (May 2024)

S.N.	Class	Name	Grade Point
1	BE	TUSHAR SIDDHESHWAR MACHALE (608)	9.86
2	BE	HARSH HARISHANKAR SINGH (607)	9.86
3	BE	KADAM VAIBHAVI SANJAY (597)	9.86
4	TE	/DATIR SAYALI SUDHAKAR PUSHPA	10
5	TE	ZOPE YASHRAJ RAJESH SHALINI	9.74
6	TE	KHANDAGALE MANISH SADASHIV REVANTA	9.61
7	SE	KHAN RIZWAN ABDUL GANI SAIMA	9.75
8	SE	/NEWGI BHAGYASHREE MANGESH KAVITA	9.63
9	SE	/BHOY SANCHITA SANJAY SNEHA	9.5

## BE Computer Students with Faculty and Principal Madam



# NOTE OF THANKS

**Our Principal Sir, Dr. Sandhya Jadhav, has always been an inspiration to all the students. He makes sure every idea gets a platform and no talent goes unnoticed. We thank him on behalf of the entire department for being an inspiration to all of us. We would like to thank the head of the Computer Department, Dr. D. R. Ingle, who has provided encouraged us to think out of the box and guided us since the the very first day we joined this institute. He has been the backbone of our depart- ment and we would like to thank him on behalf of the whole department for his sincere efforts to make sure of all . Prof. Rahul Patil, she has been the one to coordinate the editing and printing. She was there all along making sure all the content was available to the editors and encouraged us to be as creative as possible. Last, but not the least, a special thanks to our reader. . This wouldn't have been possible without your support. - Anushka Manitripathi (T.E)**

