



**Hon'ble Dr. Pantangraoji Kadam Saheb  
Founder, Bharati Vidyapeeth**

**BLESSINGS**

**Bharati Vidyapeeth's  
College of Engineering for Women, Pune**



*Participation of women in technology is an important aspect in social and economic development of the nation. It is a critical constituent in the process of improving the quality of life of women themselves. When women have economic empowerment, it is a way for others to see them as equal members of society. Through this, they achieve more self-respect and confidence by their contributions to their communities. As women play key roles in social transformation, Hon'ble Dr. Patangraoji Kadam Saheb established Bharati Vidyapeeth's College of Engineering for Women, Pune in June 2000 with the vision, "Women empowerment through Technical Education" and provided opportunity to women for higher education in the field of technology. The institute was started exclusively for women and it is running with 100% women students. Establishing and running Women Engineering College really contributes to social transformation through dynamic education which is the vision of Bharati Vidyapeeth.*

# Bharati Vidyapeeth's College of Engineering for Women, Pune

Pune-Satara Road, Dhankawadi, Pune 411043

Recognized by AICTE, New Delhi, DTE Mumbai

Affiliated to SavitribaiPhule Pune University, Formerly University of Pune

Accredited by NAAC

Id No.: PU/PN/Engg./150/2000, DTE College Code: EN6285

Phone: (020)24371684, (020)24361732 Fax: (020) 24372210

Email: coewpune@bharatividyaapeeth.edu, Website: <http://coewpune.bharatividyaapeeth.edu>

## Undergraduate Programme

Sr. No.	Course	Intake	Course Code
1	B.E. Electronics and Telecommunication Engg. (E & TC)	120	628537250F
2	B.E. Computer Engg. (CE)	60	628524550F
3	B.E. Information Technology (IT)	60	628524650F

## Post Graduate Programme

Sr. No.	Course	Intake	Course Code
1	M.E. (E & TC-VLSI & Embedded System)	9	628534150F

### Vision:

Women Empowerment through Technical Education

### Mission:

- Develop women students to rise to their full potential.
- Impart knowledge and prepare competent engineers.

### Special Features:

1. Received "Best Women College of the Year 2019" Award.
2. Recipient of "College of Substance" Award.
3. The oldest engineering college "exclusively for women".
4. All government scholarships are applicable for eligible students.
5. Placement opportunities in multinational companies with 100% assistance.
6. Excellent university results and tradition of consistent university rank holders.
7. MOUs with reputed industries and academia.
8. On campus hostel facility with 24 x 7 security.
9. DTE approved e-Scrutiny centre for admissions.

**Facebook:** <https://www.facebook.com/Bharati-Vidyapeeth-College-of-Engineering-for-Women-Pune-1599060517007121>

**Instagram:** [https://instagram.com/bvcoew\\_pune?igshid=ep1a85ikhj6s](https://instagram.com/bvcoew_pune?igshid=ep1a85ikhj6s)



## Principal's Message



**Prof. Dr. S. R. Patil**

**Principal**

*Dear Students, parents and all the stakeholders,*

*Greetings from BVCOEW, Pune!*

*Hope you all are well and keeping good health. I am really delighted to release the e-newsletter 'Blessings...' Volume 6, Issue 1, A.Y. 2023-24 of our college. The e-newsletter serves as an excellent medium for showcasing the technical endeavours and accomplishments of both students and faculty throughout the semester.*

*The fact that we were able to organize so many extracurricular and technical events for our students during the semester makes me content and glad. Participation in a wide range of extracurricular and technical activities can enrich students' educational experiences and contribute to their personal growth.*

*I highly appreciate the team efforts of Coordinator, all Chief Editors and Editors for making of the e-newsletter a grand success. I also extend my best wishes to the student editorial team. The e-newsletter is the outcome of great teamwork and we always believe in "TEAMWORK IS THE KEY TO SUCCESS".*

## Internal Quality Assurance Cell (IQAC)

### **IQAC Objectives:**

- To imbibe quality environment at institute in all academic and administrative processes.
- To be instrumental in review of teaching learning process, structures, methodologies and student centric methods for achieving best educational environment.

### **Roles and responsibilities of IQAC:**

- Keeping regular updates of NAAC and other quality improvement circulars.
- Conducting regular meetings of IQAC.
- Preparing Strategic plan of the institute.
- Preparation and submission of Annual Quality Assurance Report (AQAR) yearly.
- Maintaining academic records and conducting various audits at required intervals.
- Taking review of updating and updation of hardware and software requirements and internet facilities.
- Updating feedback forms as per guidelines from regulatory bodies.
- Providing guidelines for implementing ERP.
- Organizing various technical and nontechnical events.
- Preparation of reports of various activities for quality improvement.

### **Members List:**

Sr. No.	Name of the IQAC Member	Designation	Position
1	Dr. S. R. Patil	Head of the Institute	Chairperson
2	Prof. D. D. Pukale	HOD, Computer Engineering	Teacher Representative
3	Dr. D. A. Godse	HOD, Information Technology	Teacher Representative
4	Dr. A. M. Pawar	HOD, Engineering Sciences and Allied Engineering	Teacher Representative
5	Dr. K. A. Malgi	ICT & IT Infrastructure Coordinator Member	Teacher Representative
6	Prof. Thorat S.M.	Alumni Coordinator	Teacher Representative
7	Prof. P. D. Kale	Placement cell Coordinator	Teacher Representative
8	Dr. V. R. Pawar	Academic & Research Coordinator	Teacher Representative
9	Dr. S. M. Rajbhoj	Industry institute Interaction	Teacher Representative
10	Prof. S.T. Khot	Professor E & TC	Teacher Representative
11	Dr. K. D. Jadhav	Joint Secretary of Bharati Vidyapeeth	Member of Management
12	Dr. S. F. Patil	Executive Director of Bharati Vidyapeeth	Member of Management
13	Mrs. V. S. Kadam	Office Superintendent	Admin. Representative
14	Dr. V. M. Mohite	Librarian	Admin. Representative
15	Ms. Shital Patil	Alumni	Admin. Representative
16	Ms. Khushi Pramod Mittal	Student	Student Representative
17	Mr. Nitynand Tendulkar	Industry	Industry Representative
18	Mr. Sanjaykumar Gupta	Parent	Parent Representative
19	Dr. S. S. Chorage	Professor E & TC	IQAC Coordinator, NAAC Central Coordinator

## From the Desk of Coordinator...



**Prof. Ms. N.A. Mulla**

**Newsletter Coordinator**

*We are forever grateful for the blessings of the Honorable founder of Bharati Vidyapeeth, Dr. Patangraoji Kadam Saheb. With his guidance, our institute continues to strive for continuous improvement and progress.*

*We take pride in sharing the technical activities and achievements of our students and staff with our stakeholders through our e-newsletter. We are thankful to the eminent speakers and experts from industries, companies, academia, and alumnae for their valuable training and guidance to our students in various technical activities. Their cooperation helps bridge the gap between the industry and the institute. We extend our special thanks to the esteemed recruiters who have selected our students through placement activities and are providing opportunities for them to work at their companies.*

*I would like to express my gratitude to Prof. Dr. S. R. Patil, Principal, and Prof. Dr. D. A. Godse for their unwavering support. I also appreciate the efforts of the editorial team of the e-newsletter, whose dedication ensures the timely release of each semester's issue.*

*With proud presenting herewith...*

*E-newsletter, Volume 6, Issue 1, AY 2023-24.*



## Department of Computer Engineering

### *Vision:*

- *Pioneers in women Computer Engineering by providing competent technical knowledge and enriched social awareness.*

### *Mission:*

- *To inculcate quality education in various domains of Computer Engineering.*
- *Encourage students, to showcase their talents and search the community needs.*
- *To improve technical competency by providing value added training.*

### *Programme Educational Objectives :*

- *The graduate of the program will implement strong fundamental domain knowledge to solve engineering problems with modern tools and technology.*
- *The graduate of the program will work as a committed professional, demonstrating strong ethical practices with understanding of social responsibilities for betterment of society.*
- *To prepare a motivated graduate by inculcating multidisciplinary thinking through research attitude and lifelong learning.*
- *To prepare graduates with strong communication and leadership skills to work effectively as an individual as well as in teams.*

## HOD's Message



**Prof. D. D. Pukale**  
**Head of Computer Engineering Department**

*First of all, I would like to congratulate faculty members and students of newsletter team for their efforts in the newsletter formation. It is my pleasure to write message for newsletter.*

*Computer Engineering Department was established in the year 2000 with the objective to impart quality education in Computer Engineering. The students here are the budding engineers with right knowledge, and we propel them to the path of success in the country and abroad. The program focuses on theoretical computer science as well as software and application development. Department has well qualified and vibrant faculty dedicated for the betterment of the students. The long-term goal of the department is to harness the skills of faculty and students to create a technically sound learning environment that can be beneficial to the industry, society and in the field of technical innovation. The students passed out from the department are well placed with good packages and having multiple offers from various industries or have opted for higher studies. The department encourages students to enhance their knowledge not only from academic perspective but also from industrial perspective by undertaking various online courses available on reputed platforms such as NPTEL, Coursera etc. In addition, faculty of department are conducting workshops like "AWS certification" for introducing students to new technology.*

## Placement Training by Campus Credentials

Training and placement cell of Bharati Vidyapeeth's College of Engineering for Women organized "Placement Training" by Campus Credentials for final year students of all departments. The speakers for this training were Mr. Rohit Runwal, Mrs. Sapana Sood and Mr. Ronak Mitra. The duration of the training was 5<sup>th</sup> July 2023 to 29<sup>th</sup> July 2023, where the training was categorized into three broad aspects consisting of Aptitude, Soft Skill and Technical knowledge.

The first Session based on Soft skills, was conducted on 5<sup>th</sup> July 2023 by Mrs. Sapana Sood. In this session, she covered communication skills, group discussion, tips on public speaking, professional resume building body language etc. She also conducted demo sessions on "How to face interview".

The second Session based on Aptitude, was conducted from 19<sup>th</sup> July to 22<sup>nd</sup> July 2023 by Mr. Rohit Runwal. The session included practicing examples on number system, puzzles, profit and loss, time and work, as well as set theory. He also covered problem solving on ratio and proportion, partnership, problems on train, boats and streams, probability etc.

The third session on Technical knowledge was conducted from 26<sup>th</sup> July to 29<sup>th</sup> July 2023 by Mr. Ronak Mitra, in which he covered concepts of Python, Object Oriented Programming, Data Structure and discussed some problems from Hacker Rank with solutions.





## Major Technical Activity

Department of Computer Engineering of Bharati Vidyapeeth's College of Engineering for Women, in association with AWS (Amazon Web Services) Academy, organized online workshops on various topics. Dr. Sonali Kadam, Prof. A. P. Kadam, and Prof. K. D. Yesugade with AWS training partnership conducted these workshops. The details are as follows -

Sr. No	Name of Course	Duration	Total No. of Students Involved	Class
1	Data Centre Technician	36 Hrs	148	SE
2	Engineering Operations	20 Hrs	142	
3	Introduction to Cloud- Semester 1	60 Hrs	78	TE
4	Introduction to Cloud- Semester 2	60 Hrs	78	
5	Cloud Foundation	20 Hrs	97	
6	Natural Language processing	20 Hrs	21	BE
7	Data Engineering	40 Hrs	81	
8	Cloud Data Pipeline	12 Hrs	80	

## Industry-Institute Interaction

Sr. No.	Date	Activity	Industry/Company	Class
1.	28/7/2023	Seminar on "IPR Awareness Program"	Prof. Dr. Sunita Dhotre, Bharati Vidyapeeth's Deemed University	TE
2.	21/8/2023	Seminar on "AWS Discovery Day"	Mr. Pranav Phadke, Director of Brainfloss	TE
3.	23/08/2023	Seminar on "Advanced Data Structure"	Prof. Nagesh Mhetre, Click in Computer	TE
4.	28/08/2023	Seminar on " BSE - Capital Market Awareness Program "	Mr. Arvind Savant, Financial Market Analysis Trainer	TE
5.	8/9/2023	Seminar on "Machine Learning"	Prof. P.D.Kale, Bharati Vidyapeeth's College of Engineering for Women Pune 43	SE
6.	5/10/2023	Seminar on "Internet of things"	Prof. S. A. Itkarkar, Bharati Vidyapeeth's College of Engineering for Women Pune 43	TE

## Technical Activities



Industrial visit of our BE Comp students was organized to the “Tech Mahindra Makers lab” on 23<sup>rd</sup> October 20



Industrial visit of our TE Comp students was organized to the “Data Centre Bharati Vidyapeeth” on 28<sup>th</sup> October 2023.

## Unleashing the Power of GenAI

### Essential Tools for Tomorrow's Innovators

In the rapidly advancing tech era, Generative AI (GenAI) takes center stage, empowering innovation and problem-solving. Here are key tools for aspiring innovators:

1. **OpenAI's GPT-4: Advancing Generative AI** - GPT-4 stands at the forefront, pushing boundaries in language processing, text generation, and code creation. It's a must-have for developers and content creators.
2. **Hugging Face Transformers: Democratizing Access** - Hugging Face simplifies GenAI with pre-trained models like GPT-2 and GPT-3, making integration into applications more accessible.
3. **TensorFlow and PyTorch: Essential GenAI Frameworks** - TensorFlow and PyTorch are crucial for GenAI development, providing open-source frameworks for neural network creation and training.
4. **GANs: Crafting Realistic Content** - Generative Adversarial Networks (GANs) excel in realistic content creation, making them ideal for artists and designers.
5. **DALL-E: Imaginative Image Generation** - OpenAI's DALL-E focuses on image generation from textual descriptions, empowering users in visual storytelling and design.
6. **RunwayML: Bridging Creativity and AI** - RunwayML simplifies AI model integration into creative projects, offering a user-friendly platform for GANs and style transfer.
7. **ChatGPT: Conversational AI Interaction** - ChatGPT offers a glimpse into the future of human-computer interaction, suitable for customer support, virtual assistants, and interactive storytelling.

In conclusion, mastering tools from GPT-3 to TensorFlow is crucial in the GenAI landscape. With these tools, we navigate the synergy between human creativity and AI, unlocking limitless possibilities in technology and creative expression.



Ms. Harshada Vinod Ankam

BE Comp (Alumna, Batch 2021-22)

Jr. Associate (Synechron)

## Faculty Achievements



**Prof. Dr. Smita S. Jadhav**

**(Department of Engineering Sciences and Allied Engineering)**

A patent on “A Method and Composition for Purification of Textile Wastewater by Acid Doped Polyaniline (PANI)” was granted on 11/08/2023. (Application No. 202021025428, Patent No. 444597).

## Students' Achievements



**Mitali Chavan (TE Computer)**

Successfully completed NPTEL course on “Cyber Security and Privacy” and Secured Elite Certificate.



**Diti Jariwala(TE Computer)**

Successfully completed NPTEL course on “Data Science and Engineering” and Secured Elite certificate.



## Esteemed Recruiters



### Placements from June 2023 to December 2023

<b>SR. NO.</b>	<b>NAME OF STUDENT</b>	<b>COMPANY</b>
1	SANCHITA OLA	ACCENTURE
2	AQSA SALIM SHAIKH	ACCENTURE
3	ANKITA KISHORKUMAR OCHANI	ACCENTURE
4	TANMAYI PRASHANT CHAVAN	ACCENTURE
5	ANKITA KAILAS KANAWADE	ACCENTURE
6	KHUSHI GANGRADE	ACCENTURE
7	DIVYA RAVINDRA INGALE	ACCENTURE
8	AKANKSHA DNYANESHWAR RANPISE	ACCENTURE
9	RUPANAVAR PRAJAKTA TANAJI	ACCENTURE
10	SHRUTI DIPAK KARAD	AMDOCS
11	SANJANA SOMSHEKHAR UPASE	AMDOCS
12	VAISHNAVI GANESH PASALKAR	AMDOCS
13	SAKSHI PRATAP	IBM
14	SHRADDHA KIRAN TANDEL	IBM

## Editorial Board



*Prof. Dr. S. R. Patil  
Principal, BVCOEW*



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Newsletter Coordinator*



*Prof. D. D. Pukale  
HOD, Computer Engg. Dept*



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*Dr. S. A. Pawar  
Editor*



*Dr. S. S. Jadhav  
F.E. Staff*



*Mrs. D. P. Chopade  
F.E. Staff*



*Sanjana Upase  
(B. E. Comp.)*



*Sae Jamdade  
(T.E. Comp)*



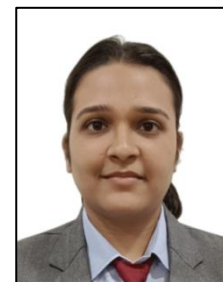
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*Mitali Chavan  
(T.E. Comp.)*



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