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 Savitribai Phule 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@bharatividyapeeth.edu, Website: http://coewpune.bharatividyapeeth.edu

Undergraduate Programme

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

Post Graduate Programme

Sr. No.	Course	Intake	Course Code
1	M.E. (E & TC-VLSI & Embedded System)	18	628534150 F

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 × 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

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 5, Issue 1, A. Y. 2022-23 of our college. After two years of COVID-19 pandemic and online education, we have once again started functioning in 'offline' mode from February 2022 with all necessary safety precautions. Once again we are enjoying the liveliness of academic in classrooms and laboratories with our dear students. The e-newsletter is very powerful platform to present all the technical activities, achievements of students and teachers during last semester. I highly appreciate the team efforts of Coordinator Prof. Dr. Deepali Godse, 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".

From the Desk of Coordinator...

Prof. Dr. D. A. Godse

Newsletter Coordinator

Wish you all a very happy, healthy and meaningful year ahead!!!

It's really a great experience to look back, collect details of all the achievements and technical activities performed during the last semester and present them to all our stakeholders via e-newsletter. The main focus of our Institution is to empower girl students with sound knowledge, wisdom, experience and training both at the academic level of Engineering and in the highly competitive global industrial market. The infrastructure facilities and state-of-the-art equipment combined with a galaxy of competent, talented and dedicated faculty contribute to an enjoyable and an easy learning experience. We are very happy to have favorable environment for our students and staff to conduct and participate in curricular, co-curricular and extra-curricular activities. Our students are performing well in industries under internship and placement activities. Our staff members are contributing greatly in research and publication.

I, as a Coordinator of e-newsletter feel lucky to have an enthusiastic and hardworking editorial team.

It's a great pleasure to have blessings of our Saheb, Honorable Founder of Bharati Vidyapeeth, Dr. Patangraoji Kadam forever.

Always appreciate all the blessings in your life!

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.

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.

"Digital Poster Presentation"

Winning Posters of the Event

An Event of *DIGITAL POSTER PRESENTATION* was organized by Bharati Vidyapeeth's College of Engineering for Women under the funds received to ETSA (Electronics and Telecommunication Students' Association) in association with CESA (Computer Engineering Students' Association) and ITechS'A (Information Technology Students' Association). These funds were received from AICTE (All India Council for Technical Education)-SPICES (Scheme for Promoting Interests, Creativity and Ethics among the students) under the coordination of Prof. Dr. S. R. Patil, Principal, (B.V.C.O.E.W.) and Dr. V. R. Pawar, Associate Professor, E&TC Engg. Department. This event was organised in online mode under "ZEST FIESTA" on 27th September 2022 for Second Year (S.E.), Third Year (T.E.) and Final Year (B.E.) students of Electronics and Telecommunication Engineering Department, Computer Engineering Department and Information Technology Department. The topic for the Digital Poster Making was "BRAIN DRAIN".

All the participated students had made very impressive and knowledgeable posters. These posters represented the technical abilities, research, creativity, resource selection and imaginative ability of the students. Various kinds of thoughts, facts, beliefs related to the topic brain drain were covered. Their efforts behind the posters could be seen from their presentation and were also appreciated by the Judges.

The "ZEST FIESTA" event was held from 27th September to 30th September 2022. In these four days, a variety of events and competitions such as Elocution Competition, Dancing and Singing Competitions Cooking Competition along with Fashion Show, Mehendi and Rangoli Competition, Drawing and Painting Competition were held for technical and overall development of students.

This event was a very well thought event for overall development of students conducted with proper planning and timely execution by the staff committee members, Mrs. A. P. Kadam, Mrs. M. A. Rane, Mrs. P. R. Yawle and Ms. K. D. Mahajan with the great support of students coordinators.

Major Technical Activity

Department of Computer Engineering of Bharati Vidyapeeth's College of Engineering for Women, organized workshop on "Python Programming for Machine Learning" for second year Computer Engineering students from 23rd and 24th November 2022. The speaker for the workshop was Mr. Atul Wadkar. He is an Open-Source enthusiast, who is Director at "Algorithmic Electronics", Pune. He is having 10+ years of experience in IoT, AI-ML Development and Training.

On first day of workshop he covered all basics of Python, followed by details of Artificial Intelligence and Machine Learning on second day. At the end of the session, students completed a mini project on "Customization of Alexa".

This workshop was successfully co-ordinated by Ms. Shital Pawar under the guidance of Prof. D. D. Pukale (Head, Computer Engg. Dept.).

Industry-Institute Interaction

Sr. No.	Date	Activity	Industry/Company	Class
1.	16/10/22	Webinar on "Data visualization using Quick Sense"	Mrs. Sumitra Pundlik , MIT, Pune	SE, TE
2.	20/9/2022	Seminar on "Higher Studies Opportunities and IELTS Examination"	Mr. Rahul Kamble, Sr. IELTS (Operation executive)	TE
3.	23/9/2022	Seminar on "Career Opportunities in the Armed Forces for Women"	Mr. Sanjay Pethkar, Dignitary Defence Academy	SE, TE
4.	23/9/2022	Seminar on "Career in IT Industry"	Mrs. Supriya Lande, IANT Pvt. Ltd.	SE, TE
5.	10/11/2022	Seminar on "Higher studies abroad with 100% scholarship"	Mr. Subhash Pol IANT Pvt. Ltd	SE
6.	23/11/2022 and 24/11/2022	Workshop on "Python Programming for machine learning"	Mr. Atul Wadkar, Director, Algorithmic Electronics, Pune	SE

Digital Twin

By "twinning" wool harvesting farms, monitoring weather conditions and simulating future events that could accurately predict a farm's productivity every single month, digital twin technology will aid farmers in using the data that is being generated in order to predict the best wool harvesting times. This will help farmers achieve optimal wool quality which will have a direct positive impact on the quality of textile and cloth that is being produced. But how this can happen?

A Digital Twin is a representation of a physical system or object in the digital world. Buildings, factories, and even cities can now have digital twins, thanks to technology. A digital twin is essentially a computer program that uses actual data about a physical object or system as inputs and generates simulations or predictions of how those inputs will affect the physical object or system as outputs.

The Internet of Things, artificial intelligence, and data analytics are the three convergent fields where digital twin technology has advanced beyond manufacturing. Having a digital equivalent allows data scientists and other IT professionals to optimize deployments for maximum efficiency and create other what-if scenarios as more complex "things" become connected and can produce data.

Based on variable data, digital twins can predict various outcomes. Digital twins, when combined with additional software and data analytics, can frequently optimize an IoT deployment for maximum efficiency, as well as assist designers in determining where things should go or how they should operate before they are physically deployed. The more a digital twin can replicate a physical object, the more likely it is that efficiencies and other benefits will be discovered.

Ms. Alakananda Chakraborty

BE (Alumna, Batch 2020-21)

IT Deployment Engineer (VOIS)

Faculty Achievements

Prof.Dr.A.M.Pawar

Prof. Dr. Avinash M. Pawar, HoD (Engg. Sciences and Allied Engg.) is recognized as a Ph.D. Research Guide of Savitribai Phule Pune University.

Esteemed Recruiters

Placements from June 2022 to December 2022

SR. NO.	NAME OF STUDENT	COMPANY	SR. NO.	NAME OF STUDENT	COMPANY
1	SEJAL DAHAKE	THOUGHT WORKS	24	ANANYA SUNIL VERMA	VOIS
2	AJABE NIKITA SUBHASH	NIELSEN IQ	25	PRACHI MANIK WADHAVANE	VOIS
3	SHRUTI NAHAR	NIELSEN IQ	26	SAMIKSHA VIJAY BODE	VOIS
4	NASHIA FATMA	NIELSEN IQ	27	SANSKRUTI RAJESH TALWEKAR	VOIS
5	ANGALURI VEENA	NIELSEN IQ	28	NASHIA FATMA	VOIS
6	RUTUJA ZAGADE	NIELSEN IQ	29	ANGALURI VEENA	ACCENTURE
7	AHER ARCHANA	PRINCIPAL GLOBAL SERVICES	30	KSHITIJA THANGE	ACCENTURE
8	KAJOL PRABHU BUKTARE	PRINCIPAL GLOBAL SERVICES	31	SAKSHI PRIYA	ACCENTURE
9	SHREYA SAHU	CAPGEMINI	32	PRACHI MANIK WADHAVANE	ACCENTURE
10	GAWARSHETTIWAR PURVAJYA	AMDOCS	33	KRITI SHARMA	ACCENTURE
11	SHITAL SATISH PATIL	AMDOCS	32	PURVA KERBA GORAVE	ACCENTURE
12	SONAWANE GAURI NITIN	AMDOCS	35	DIVYA MASKE	ACCENTURE
13	CHAUDHARI ONAL MANOJ	AMDOCS	36	SUKHPREET KAUR RAYAT	ACCENTURE
14	RUTUJA ZAGADE	AMDOCS	37	RUTUJA ZAGADE	ACCENTURE
15	AISHWARYA KOTTAPALLI	VOIS	38	DANDGE HARSHADA	ACCENTURE
16	KAJOL PRABHU BUKTARE	VOIS	39	VAISHNAVI BANKAR	ACCENTURE
17	SHRADDHA IDHATE	VOIS	40	DHANASHREE PAWAR	CAPGEMINI
18	UNNATI JADHAV	VOIS	41	MAITHILEE CHATURBHUJ	CAPGEMINI
19	SHRUTI NAHAR	VOIS	42	DESHMUKH SHARWARI	CAPGEMINI
20	PATIL PIYUSHA PRAKASH	VOIS	43	GAWARSHETTIWAR PURVAJYA	CAPGEMINI
21	SATHE RUCHA ANNASAHEB	VOIS	44	SUKHPREET KAUR RAYAT	CAPGEMINI
22	ZIYA FATIMA SAYED	VOIS	45	ASHITA A HIRMUKHE	CAPGEMINI
23	SUKHPREET KAUR	VOIS	46	SEJAL DAHAKE	IDFY

Editorial Board