



**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@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	628537250
2	B.E. Computer Engg. ( CE )	60	628524550
3	B.E. Information Technology ( IT )	60	628524650

## Post Graduate Programme

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

### 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](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 4, Issue 2, A. Y. 2021-22 of our college. After 2 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**

*Hello everyone!*

*I am extremely delighted and proud to announce the release of our e-newsletter, Volume 4, Issue 2, AY 2021-22. It's a pleasure that after two years our institute has organized activities in offline mode again with hard work and keeping in mind the safety and security. Our editorial team enthusiastically worked as usual for reflecting these activities via e-newsletter. We are back with photographs of all activities organized in the institute physically during last semester instead of the screenshots of online events as done for last four semesters. As the Greek philosopher, Heraclitus said, "Change is the only constant." We should be ready to accept the change and face the situations. Our young, dynamic and energetic students and staff easily adapted to the situations. In order to keep the stakeholders widely interested and updated, we release the e-newsletter at the start of each semester. The e-newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us.*

*I would like to extend my sincere thanks to our Principal, Prof. Dr. S.R. Patil, all Heads of Department, staff members and beloved students. I truly appreciate dedicated and systematic efforts of the editorial team members.*

*I am sure, this tradition of communicating the significant technical events and activities with our stakeholders will be continued forever with the blessings of our honourable Founder of Bharati Vidyapeeth, Dr. Patangraoji Kadam Sahab via e-newsletter, "Blessings...".*



## 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*



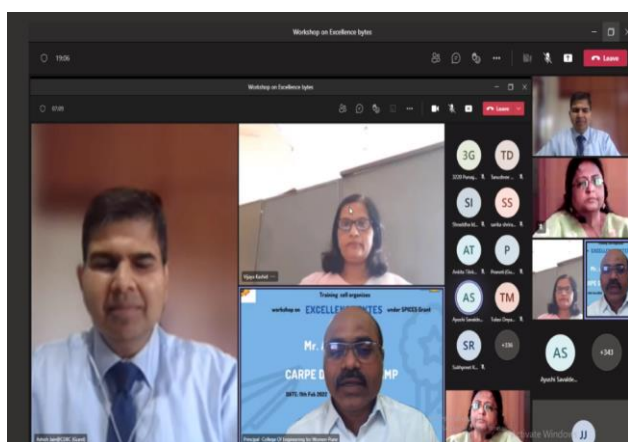
**Prof. D. D. Pukale**  
**Head of Computer Engineering Department**

*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 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 workshop like "AWS certification" for introducing students to new technology.*

## “Workshop on Excellent Bytes”

Workshop on “**Excellent Bytes**” was organized by Student Associations and Training cell of Bharati Vidyapeeth’s College of Engineering for Women, Pune for Third year (TE) and final year (BE) students of all Departments. The webinar was organized under AICTE-SPICES grant on 11<sup>th</sup> February 2022. The speaker of the webinar was **Mr. Aashish Jain** from **Carpe Diem Boot Camp**.



Our college has received the AICTE: Scheme for promoting interests, creativity, and ethics among the students i.e., SPICES grant under the coordination of Prof. Dr. S.R. Patil, Principal, Bharati Vidyapeeth’s College of Engineering for Women, Pune and Dr. V. R. Pawar, Associate Professor, Electronics and Telecommunication Department.

The first session of workshop started with the welcome speech by student member, Ms. Tanushree

Desai of TE E&TC. Prof. S. T. Khot, Training cell coordinator gave introduction of training cell followed by Dr. V. R. Pawar, who has given the information about SPICES grant. Then student member, Ms. Adya Pathak gave brief introduction of guest speaker, Mr. Ashish Jain. After this, Principal Prof. Dr. S. R. Patil addressed the audience. He gave Bharati Vidyapeeth’s brief introduction, organization information, role of different cells in organization, importance of co-curricular activities along with academics.

Workshop started with a very beautiful interaction of speaker and students with the use of chat box. The session further followed by a brief on the self or one’s desires, dreams, passions and motivations. The speaker interacted with students on each point, took inputs and gave the tips on how to increase their self-esteem, boost confidence and how one can excel in any area like coding, communication skill etc. Students were encouraged to be optimistic and have a positive approach about everything in life.

The next session of workshop was focused on discussion about some strategies of time management, goal setting, self-control, planning, execution, distraction overcoming and session about etiquette was very informative. Most importantly, it was emphasized that students should love themselves and never lose confidence in achieving goals. The speaker suggested new ideas on “how to overcome failure”. It was well thought workshop of motivating students to discover themselves.

### Institute Level Activities

Sr. No.	Date	Activity	Staff Coordinators	Organizing Cell/ Department
1	29-10-2021	Webinar on “Framework for technology driven Social Innovation”	Ms. A. D. Khairkar	Institution’s Innovation Cell
2	07-03-2022	Webinar on “Design Thinking for Innovation”		
3	04-04-2022	Webinar on “IPR Awareness Program”		
4	29-01-2022	Webinar on “How to clear GATE exam in first attempt”	Mrs. V. D. Kulkarni	Career Guidance Cell
5	19-03-2022	Webinar on “Study Abroad for Engineers”		
6	23-04-2022	Webinar on “How to prepare for competitive exams- UPSC/MPSC”		
7	31-01-2022 to 02-02-2022	Workshop on “Electronic Skill Development”	Ms. K.R. Chaudhari	Department of Electronics & Telecommunication

## Staffs' Achievement

(Department of Engineering Sciences and Allied Engineering)



➤ **Prof. Dr. Avinash M. Pawar**

Patent on “CATHODE TOOL -2”, was granted on 28 January 2022 by Government of India. Application No. and CRB No.-310841-22873,



➤ **Prof. Dr. Smita S. Jadhav**

Successfully completed Ph.D. on the title “Removal of Azo Dyes using Polyaniline and Substituted Polyaniline from Aqueous Solution”, under the Guidance of Dr. Dipika Jaspal, Professor, Symbiosis Institute of Technology, Symbiosis International (Deemed University), Pune, Maharashtra.

## Students' Achievement

(Department of Engineering Sciences and Allied Engineering)

In A.Y. 2021-2022, 47 students from first year department have received Non-Government Scholarship.

Sr. no.	Name of the Student	Name of the scholarship received	Amount (Rs.)
1	Akkar Samiksha Santosh	Lila Poonawalla Foundation (LPF)	60,000/-
2	Firke Sanika Sandip	Lila Poonawalla Foundation (LPF)	30,000/-
3	Ghore Aishwarya Dilip	Lila Poonawalla Foundation (LPF)	55,000/-
4	Karkande Rutuja Vinod	Lila Poonawalla Foundation (LPF)	45,000/-
5	Kadam Svarupa Ramdas	Lila Poonawalla Foundation (LPF)	53,000/-
6	Konde Shravani Somnath	Lila Poonawalla Foundation (LPF)	59,500/-
7	Pudale Manasvi Dilip	Persistent's Kiran girls' scholarship	40,000/-
8	Dnyaneshwari Sunil Mohotkar	Lila Poonawalla Foundation (LPF)	45,000/-
9	Narkhede Yogeshwari Sudhakar	Lila Poonawalla Foundation (LPF)	59,500/-
10	Chaitali Rajesh Nigade	Lila Poonawalla Foundation (LPF)	45,000/-
11	Pawar Kirti Namdeo	Lila Poonawalla Foundation (LPF)	60,000/-
12	Snehal Siddanath shinde	Lila Poonawalla Foundation (LPF)	60,000/-
13	Samruddhi Bhaskar Shitole	Lila Poonawalla Foundation (LPF)	45,000/-
14	Pratiksha Jitendra Suryawanshi	Lila Poonawalla Foundation (LPF)	45,000/-



15	Gayatri Maruti Temgire	Lila Poonawalla Foundation (LPF)	53,000/-
16	Wagh Ananya Anand	Lila Poonawalla Foundation (LPF)	55,000/-
17	Batwal Shraddha Ramdas	Lila Poonawalla Foundation (LPF)	60,000/-
18	Neha Subhash Jamdade	Lila Poonawalla Foundation (LPF)	45,000/-
19	Mansha Pravin Joshi	Lila Poonawalla Foundation (LPF)	60,000/-
20	Vedanti Khushalrao Kakade	Lila Poonawalla Foundation (LPF)	30,000/-
21	Siddeshri Kunnure	Lila Poonawalla Foundation (LPF)	45,000/-
22	Anushka Sanjay Mohite	Lila Poonawalla Foundation (LPF)	45,000/-
23	Vaishnavi Sandip Patil	Lila Poonawalla Foundation (LPF)	55,000/-
24	Trupti Sunil Pokharkar	Lila Poonawalla Foundation (LPF)	55,000/-
25	Shinde Priti Anandrao.	Lila Poonawalla Foundation (LPF)	45,000/-
26	Vaishnavi Mahendra Thorat	Lila Poonawalla Foundation (LPF)	60,000/-
27	Janavi Umesh Sarode	Lila Poonawalla Foundation (LPF)	45,000/-
28	Das Mayuri Kantilal	Lila Poonawalla Foundation (LPF)	45,000/-
29	Gunjan Sanjay Deshmukh	Lila Poonawalla Foundation (LPF)	53,000/-
30	Pratiksha Bhaskar Dhembare	Lila Poonawalla Foundation (LPF)	45,000/-
31	Disha Balasaheb Dharasurkar	Lila Poonawalla Foundation (LPF)	59,500/-
32	Sakshi Sadashiv Ingale	Lila Poonawalla Foundation (LPF)	45,000/-
33	Kadam Shweta Shashikant	Lila Poonawalla Foundation (LPF)	53,000/-
34	Apurva Rajendra Nangare	Lila Poonawalla Foundation (LPF)	50,000/-
35	Isha Vijay Patil	Lila Poonawalla Foundation (LPF)	53,000/-
36	Sanika Hanmant Bhosale	Lila Poonawalla Foundation (LPF)	45,000/-
37	Chaudhari Shruti Ravindra	Lila Poonawalla Foundation (LPF)	55,000/-
38	Inamdar Sharvari Shrikrishna	Lila Poonawalla Foundation (LPF)	59,500/-
39	Firdos Mohd Haroon Maniyar	Lila Poonawalla Foundation (LPF)	60,000/-
40	Patil Pallavi Bhimrao	Lila Poonawalla Foundation (LPF)	45,000/-
41	Patil Prayuja Shahaji	Lila Poonawalla Foundation (LPF)	30,000/-
42	Laxmi Rohidas Salekar	Lila Poonawalla Foundation (LPF)	45,000/-
43	Shaikh Alnaaz Murtaja	Lila Poonawalla Foundation (LPF)	55,000/-
44	Arpita Sanjay Takalkar	Lila Poonawalla Foundation (LPF)	45,000/-
45	Yeole Gayatri Valmik	Lila Poonawalla Foundation (LPF)	59,500/-
46	Aishwarya Mashindra Jagtap	Lila Poonawalla Foundation (LPF)	45,000/-
47	Aishwarya Mashindra Jagtap	Persistent's Kiran girls' scholarship	40,000/-

## 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 "Introduction to cloud" and "Academy Cloud Foundation" for second- and third-year engineering students. Prof. Dr. Sonali Kadam with AWS training partnership conducted the workshops.

The course "Introduction to cloud" started from 2<sup>nd</sup> March 2022 and 60 students from second year engineering enrolled for it.

The course "Academy Cloud Foundation" started from 21<sup>st</sup> April 2022 and 18 students from third year engineering enrolled for it.

This workshop was conducted under the membership of AWS academy. It was successfully co-ordinated by Prof. Dr. S. P. Kadam and Prof. A. P. Kadam under the guidance of Prof. D. D. Pukale (Head, Computer Engg. Dept.).

## Industry-Institute Interaction



Seminar on "Engineering is awesome", by Mr. Raghavan Koli, Motivational Speaker, on 25/03/2022 for SE Computer Engineering.



Seminar on "Programming Techniques", by Mr. Nagesh Mhetre, Director, Click-in Computers, on 28/03/2022 for SE Computer Engineering.

## BUSINESS INTELLIGENCE

In this digital era, we all would agree that data carries immense importance and is valuable. And analytics can help in deriving insights from the historic and real-time data.

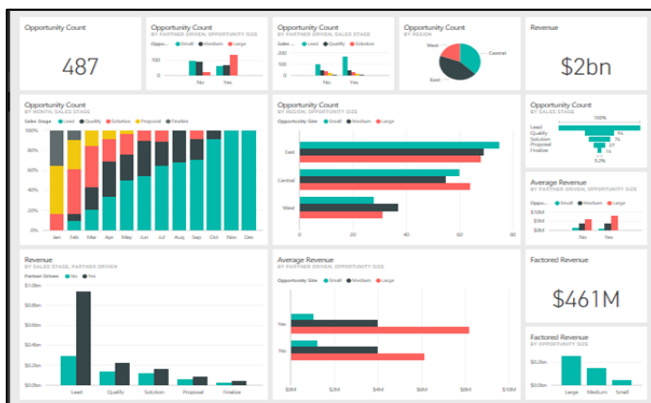
Analytics is a Business Intelligence technique that helps in extracting meaningful insights which can further help businesses to remain competitive.

Business Intelligence is a set of processes, architectures, and technologies that convert raw data into meaningful information which can further help in making important business decisions. These are a few BI tools which are widely being used in the industry today, Power BI, Tableau, SAS Business Intelligence, Zoho Analytics and many more.

Every minute tons of data are being generated over the internet and different data management vendors are offering services to manage it efficiently. Various cloud storage services and database management tools let the user manage and process data effectively. And somewhere there are these APIs (Application Programming Interface) that are playing a vital role in securely pulling the data into these BI tools. At present, almost every online platform has developed its REST/SOAP APIs in order to let their customers consume data securely and effectively as per the business requirements.

There are a few robust Business Intelligence techniques like Data Visualization, Data mining, Analytics, Statistical Analysis, and Extract-Transform-Load (ETL).

Data is power but transforming data into information makes it much more valuable!



Ms. Palak Rathi

BE (Alumna, Batch 2019-20)  
Software Engineer, Persistent Systems

## Esteemed Recruiters





## Staffs' Achievement



➤ **Prof. D. D. Pukale**

Patent on “Detection of Multiple Plant Leaf Diseases Using Deep Learning”, is published on 11/03/2022.  
Application No : 202221008801



➤ **Prof. S. P. Deshmukh**

Patent on “Event Management System: The cost of the food is based on the price of serving plate or dish”, is published on 11/02/2022.  
Application No : 202221000867



➤ **Prof. S. A. Pawar**

1. Completed online certification course on “Introduction to Industry 4.0 and Industrial Internet of Things” organized by NPTEL with 75% and Silver Elite Certification
2. Patent on “Detection of Multiple Plant Leaf Diseases Using Deep Learning “, is published on 11/03/2022.  
Application No : 202221008801



➤ **Prof. J. D. Jadhav**

Completed online certification course on “Python for Data Science”, organized by NPTEL with 69% and Elite certification.

### Placement from January 2022 to May 2022

SR.NO.	NAME OF STUDENT	COMPANY
1	MANDAVE AISHWARYA ANANDRAO	CAPGEMINI
2	DHIRVA DILIP MAKADIA	XORiant
3	AKANKSHA PRAKASH KADAM	XORiant
4	SHREYA SWAPNIL JAMSANDEKAR	XORiant
5	PRIYANKA PRADIP SHINDE	L&T TECHNOLOGY
6	RATNAPARKHI ARATI ANANT	VOIS
7	BARBATE SHIVANI VISHWAJIT	VOIS
8	SWAPNALI AVINASH KALDHONE	VOIS
9	SHRAVANI SATISH SHINDE	VOIS
10	PRIYANKA PRADIP SHINDE	VOIS
11	TANPURE RUTUJA SANJIV	VOIS
12	HENSI THAKKAR	VOIS
13	GOHEL PRACHI ASHOK	VOIS
14	ARAJU ISAK MULLA	MSYS TECHNOLOGIES
15	RADHIKA ARUN TIKONE	RELIANCE JIO
16	SAYYAD SAMINA LADLESAB	ITC INFOTECH
17	VAISHNAVI MADHUKAR BHOSALE	INFOSYS
18	JADHAV SEEMA MAHADEV	WIPRO

## Editorial Board



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Principal, BVCOEW*



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