



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

BLESSINGS

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



Accredited by NAAC with "A" Grade

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

Accredited by NAAC with A Grade

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)	120	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





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare
Bharati Vidyapeeth's
College of Engineering for Women
Dhankawadi, Tal. Haweli, Dist. Pune,
affiliated to Savitribai Phule Pune University, Maharashtra as
Accredited
with CGPA of 3.15 on four point scale
at A grade
valid up to October 24, 2029*

Date : October 25, 2024



*J. K. Kulkarni
Director*

BC(SG)/222/1st Cycle/MHCOGN100226

Principal's Message



Prof. Dr. Pradeep V. Jadhav
Principal

Dear Students, Parents, and Stakeholders,

Greetings from BVCOEW, Pune!

I hope this message finds you in good health and high spirits. It brings me immense pleasure to share that BVCOEW is celebrating its Silver Jubilee this year, marking a significant milestone in our journey of providing quality education and fostering growth within our community. This accomplishment is a testament to our commitment to excellence and our continuous efforts to shape the future of our students.

We are excited to release the e-newsletter "Blessings..." Volume 7, Issue 1, for the Academic Year 2024-25. This edition is a wonderful reflection of the hard work and dedication shown by our students and faculty throughout the semester. It is an excellent platform that highlights the technical activities, achievements and academic pursuits that contribute to the holistic development of our students.

I am particularly proud of the numerous technical events organized during this period, which have provided students with opportunities for growth and development beyond the classroom. Participation in these activities plays a crucial role in enhancing their learning experience and shaping their future endeavours.

A heartfelt appreciation goes to the Coordinator, Prof. Dr. Deepali Godse, Chief Editors, and Editors for their unwavering commitment in making this e-newsletter a success. I also extend my warm wishes to the student editorial team for their outstanding contributions. The success of this e-newsletter is a result of exceptional teamwork, which we strongly believe is the key to achieving great accomplishments.

Let us continue to work together to ensure that our institution remains a hub of knowledge, innovation, and creativity.

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 (AQR) 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	Prof. Dr. P.V.Jadhav	Head of the Institute	Chairperson
2	Dr. K.D.Jadhav	Joint Secretary of Bharati Vidyapeeth	Member of Management
3	Dr. S. F. Patil	Executive Director of Bharati Vidyapeeth	Member of Management
4	Prof. Dr. S.R Patil	HOD, E & TC Engineering	Teacher Representative
5	Prof. Mrs. Khot S.T	Training cell Coordinator	Teacher Representative
6	Prof. Dr. V. R. Pawar	Academic & Research Coordinator	Teacher Representative
7	Prof. Dr. S. M. Rajbhoj	Industry institute Interaction	Teacher Representative
8	Prof. Ms. K.D.Mahajan	Alumni Coordinator	Teacher Representative
9	Prof. Mr. D. D. Pukale	HOD, Computer Engineering	Teacher Representative
10	Prof. Mrs. P. D. Kale	Placement cell Coordinator	Teacher Representative
11	Prof. Dr. D. A. Godse	HOD, Information Technology	Teacher Representative
12	Prof. Dr. K. A. Malgi	ICT & IT Infrastructure Coordinator	Teacher Representative
13	Prof. Dr. A. M. Pawar	HOD, Engineering Sciences and Allied Engineering	Teacher Representative
14	Mrs. Vaishali Kadam	Office Superintendent	Admin. Representative
15	Dr. V.M. Mohite	Librarian	Admin. Representative
16	Mr.Nityanand Prabhutendolkar	Chief Technical Officer, Ergen Technovation Pvt. Ltd.	Industry Representative
17	Mr. Sanjaykumar Gupta	Parent	Parent Representative
18	Ms. Shital Patil	Alumna (IT)	Alumni Representative
19	Ms. Khushi Mittal	Student (E & TC)	Student Representative
20	Prof. Dr. S. S. Chorage	Professor (E & TC)	Coordinator of the IQAC

From the Desk of Coordinator...



Prof. Dr. D. A. Godse
Newsletter Coordinator

Dear Stakeholders,

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

We are delighted and proud to share that Bharati Vidyapeeth's College of Engineering for Women has been accredited with an "A" grade in NAAC Cycle 2 during our Silver Jubilee Year. We remain fortunate to have the blessings of our honorable founder, Dr. Patangraoji Kadam Saheb, forever.

This "A" grade accreditation is the result of the sincere efforts of our students, faculty, staff, and the immense support of our management and stakeholders, driven by our vision of "Women empowerment through technical education."

It is my great pleasure to welcome you to this edition of our semester-wise e-newsletter.

In the last semester, we organized several remarkable events, including an International Conference, Symposia, and an IIT-sponsored workshop, fostering an innovative and research-oriented environment alongside academic activities. We also celebrated the arrival of our newly joined first-year students in a grand way during the Silver Jubilee Year. You will find glimpses of all these events in this edition of the e-newsletter.

I extend my heartfelt gratitude to our Principal, Prof. Dr. Pradeep Jadhav, Heads of Departments, faculty, staff, and beloved students for their active participation and contributions to these events. I also truly admire the dedicated efforts of the editorial team members who compiled this e-newsletter with such enthusiasm.

Lastly, we are deeply grateful to all our stakeholders for being an integral part of our 25-year journey. I firmly believe that "The journey often becomes more enjoyable when you focus less on the destination."

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 (PEOs):

PEO 1:- The graduate of the program will implement strong fundamental domain knowledge to solve engineering problems with modern tools and technology.

PEO 2:- The graduate of the program will work as committed professional, demonstrating strong ethical practices with understanding of social responsibilities for betterment of society.

PEO 3:- To prepare a motivated graduate by inculcating multidisciplinary thinking through research attitude and lifelong learning.

PEO 4:- To prepare graduates with strong communication and leadership skills to work effectively as an individual as well as in teams.

Programme Outcomes (POs):

On completion of the program students will be able to attain,

- 1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.*
- 2. **Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.*
- 3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.*

4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics, responsibilities, and norms of the engineering practice.
9. **Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes (PSOs):

Upon successful completion of UG course in Computer Engineering, the Graduates will be able to attain following Program Specific Outcomes:

1. **Professional Skills:** The ability to understand, analyse and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexities.
2. **Problem-Solving Skills:** The ability to apply standard practices and strategies in software project development using open-ended programming environments for betterment of society.
3. **Successful Career:** Empower women with modern computer languages, environments, platforms, communication and leadership skills to build a successful career

HOD's Message



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

First, 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.

The International Conference on Recent Trends in Science, Technology, and Management (ICRTSTM-2024)



Hon. Prof. Dr. Vivek Saoji, Hon. Prof. Dr. M. S. Sagare, and Principal Prof. Dr. Pradeep V. Jadhav gracing the occasion with their esteemed presence on Inaugural Ceremony of ICRTSTM-2024

The International Conference on Recent Trends in Science, Technology, and Management (ICRTSTM-2024), held on 28th-29th June 2024, was a landmark event organized by Bharati



Vidyapeeth's College of Engineering for Women, Pune. The conference embraced a hybrid format, facilitating both in-person and online participation.

*The inaugural ceremony featured traditional rituals, the unveiling of the college's 25-year logo, and a speech by Prof. Dr. D. A. Godse, Head of Information Technology Department. Esteemed guests included Chief Guest **Hon. Prof. Dr. Vivek Saoji**, Vice Chancellor of Bharati Vidyapeeth Deemed to be University; Guests of Honor **Hon. Prof. Dr. Parag Kalkar**, Pro-Vice-Chancellor of SPPU; **Hon. Mrs. Swapnali Vishwajeet Kadam**, Chairperson of Bharati Vidyapeeth Rabindranath Tagore School of Excellence; **Hon. Prof. Dr. D. V. Jadhav**, Joint Director of Technical Education; and **Hon. Prof. Dr. M. S. Sagare**, Joint Secretary of Bharati Vidyapeeth. The guests were felicitated by Principal and Convener of the conference, Prof. Dr. Pradeep V. Jadhav.*

Prof. Dr. Pradeep V. Jadhav, highlighted the college's journey toward academic excellence and innovation. He was felicitated by Prof. Sucheta Khot, co-convener of the conference. The inaugural session concluded with a vote of thanks by co-convener Prof. Dr. Vijaya Pawar.

*Keynote speakers **Dr. Hrishikesh Rao**, UX Researcher, USA, **Dr. Vishwas Jadhav**, Process Engineer NOVA Thin Films Pharmaceuticals LLC USA, and **Dr. Utkarsh Ankalkhore**, Chief Technical Officer Excel 3D Advance Technology UK delivered insightful presentations on human-centered technology, advancements in nanotechnology, and innovative digital denture solutions respectively.*

The second day of ICRTSTM-2024 featured engaging presentations and keynote sessions across disciplines such as Computer Engineering and E&TC Engineering, with 152 out of 235 article submissions presented by authors from 20 Indian states and 9 countries.


*Keynote speaker **Mr. Santosh Kumar Kuchoor**, Senior Engineering Leader at Paloaltonetworks USA discussed cloud infrastructure lifecycle management. The conference concluded with a comprehensive report by Principal Prof. Dr. Pradeep V. Jadhav, participants' feedback, awards for best presentations, and a vote of thanks by Prof. S. R. God.*

F.E. WELCOME PROGRAM

'Shubharambh' Student Induction at Bharati Vidyapeeth's College of Engineering for Women, Pune



Chief Guests Police Inspector Mr. Dashrath Patil, along with the Damini Pathak representatives Ms. Diksha More and Ms. Neelima Jadhav on F.E. Welcome Program



The welcome ceremony for the first-year engineering students at Bharati Vidyapeeth's College of Engineering for Women, Pune was conducted with great enthusiasm on 28th September 2024.

*The event featured prominent guests Police Inspector **Mr. Dashrath Patil**, along with the Damini Pathak representatives **Ms. Diksha More** and **Ms. Neelima Jadhav**, who graced the occasion with their presence.*

Opening Ceremony

During the inauguration, the esteemed Principal, Prof. Dr. Pradeep Jadhav, addressed the students and motivated them with insightful words. He stated, "Acquiring knowledge is equivalent to giving shape to your dreams". His inspiring words instilled confidence and determination in the students. He extended best wishes for their academic journey and emphasized the importance of continual progress.

The chief guests—Mr. Dashrath Patil, Ms. Diksha More and Ms. Neelima Jadhav offered valuable guidance on ensuring personal safety and developing self-reliance. They encouraged the students to be empowered and maintain self-confidence.

Celebrating Achievements and Bonding

The event filled the students with renewed enthusiasm. They engaged in discussions about their goals and reflected on their potential. The achievements of exceptional first-year students and BE last year students who secured jobs were specially recognized and felicitated.

This unique event inspired students with a fresh zeal to prepare for their futures.

Code of Conduct Awareness Program

A key highlight of the induction was the Annual Awareness Program on the Code of Conduct, designed to familiarize students with the institute's values and regulations.

The session, organized following a meeting held on 17 August 2023, focused on making the students aware of the importance of adhering to the Code of Conduct.

Key activities included:

- Presentations highlighting departmental activities and achievements were delivered by the respective Heads of Departments.*
- Multimedia presentations and videos, recommended by Dr. Gauri Patil, to enhance the impact and understanding of the Code of Conduct.*
- Prof. Kalyani Chaudhary, Student Development Officer provided an overview of the Student Development Officer (SDO), which is dedicated to supporting the holistic development of students through various programs and activities.*

· Prof. Dr. Smita Jadhav, member of Internal Complaint Committee (ICC) explained the Internal Complaint Committee, its role in addressing grievances related to sexual harassment, discrimination, and any form of misconduct. She detailed the process for filing complaints,

emphasizing confidentiality, student protection, and the importance of maintaining a safe environment on campus. Dr. Jadhav discussed the procedures for students to report any misconduct and assured students that the committee provides a neutral and supportive space to address concerns. Awareness session on code of conduct is available on website.

· Prof. Seema Hadke, NSS Programm Officer introduced the National Service Scheme (NSS), explaining its vision to promote social responsibility and community engagement among students. She described the types of activities organized under NSS, such as blood donation camps, cleanliness drives, and rural development programs, which provide students with opportunities to contribute to society.

The program also emphasized the need for periodic refresher sessions to ensure continued awareness among students and faculty.

Organizing Team Contributions

The program was successfully organized under the leadership of Vice Principal (Administration) Prof. Dr. Avinash Pawar, Vice Principal (Academics) Prof. Dr. Suvarna Chorage, ENTC Department Head Prof. Dr. S.R. Patil, Computer Engineering Department Head Prof. D.D. Pukale and IT Department Head Prof. Dr. Deepali Godse, who also provided valuable guidance. Prof. Dr. Deepali Godse coordinated the unveiling of the E-Newsletter during the event. E-Newsletter Volume 6 Issue 2 was formally unveiled by all the esteemed guests.

Special contributions were made by Prof. Dr. Smita Jadhav and Prof. Diksha Chopade, who played significant roles in ensuring the success of the induction program.

Anchoring and Collaboration

The program was anchored by SE Students Miss Nandini Pandey, Miss Ameya Nimkar, Miss Prerana Bhokare, and Miss Anamika Sharma. The first-year faculty members also contributed significantly to the event's success.

Institute Level Activities



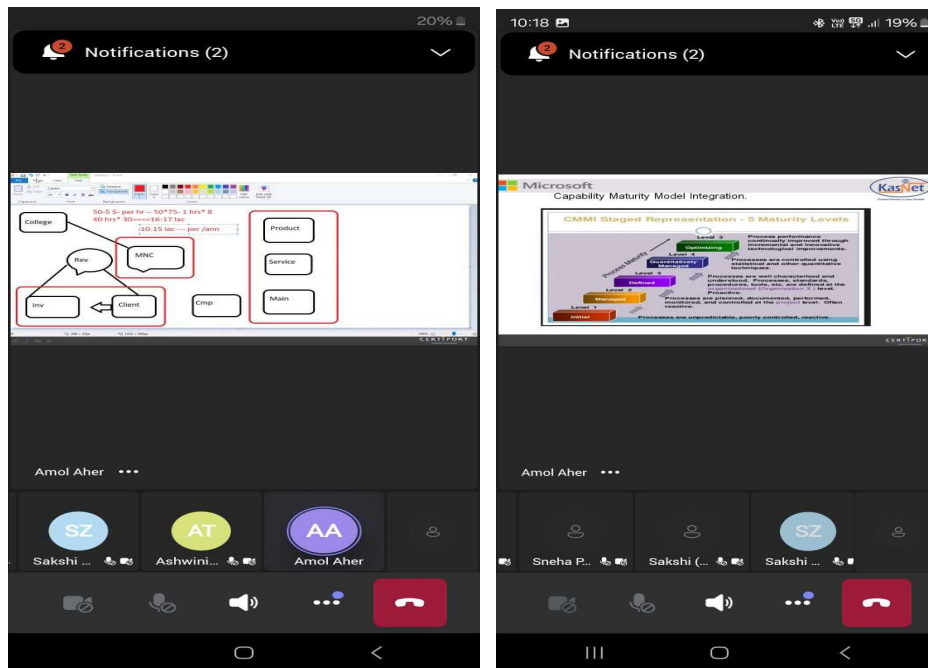
Felicitation of Dr. Alexander Schwandt, Head of Development and Robotics Engineer, FKS Maschinenbau GmbH, Berlin, Germany upon his arrival by Prof. Dr. Pradeep V. Jadhav, Principal, BVCOEW, Pune



Felicitations of Students for their Participation in the IIT Bombay Techfest Robotics Workshop, organized by BOT Makers at BVCOEW, Pune as a part of the MOU Collaboration



Seminar on How to prepare for Competitive exams by Mr. Ketan Kumar Patil, Unique Academy, Pune under Career Guidance Cell



Webinar on Internship opportunities and importance of Microsoft certification by Mr. Amol Aher, Kasnet Technologies under Career Guidance Cell



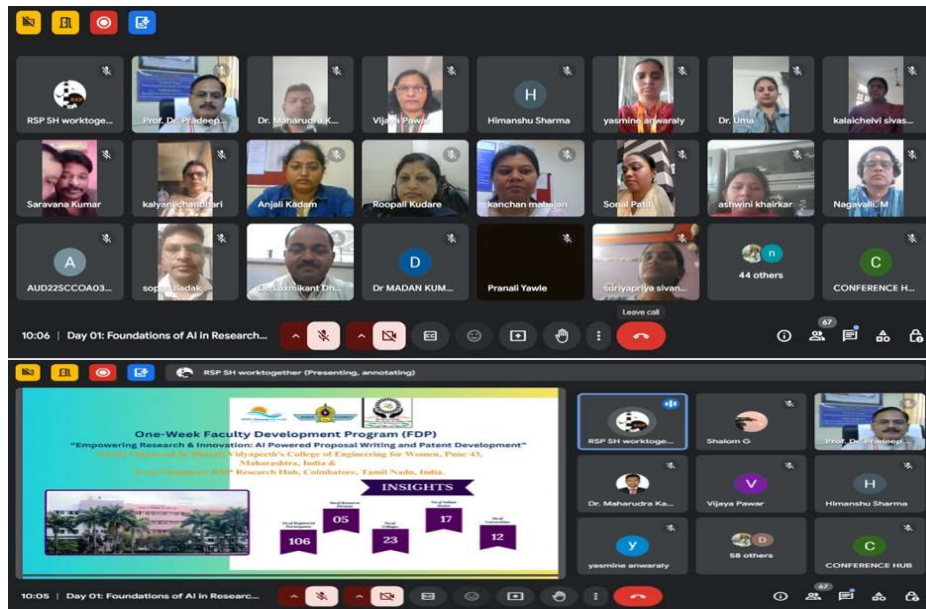
A Seminar on Session on Business Model Canvas (BMC) by Prof. Dr. Sunita Dhotre, BVDU COE Pune under Institution's Innovation Council (IIC)



Workshop on Implementation of National Education Policy 2020 by Mr. Vijay Navale, Career Counsellor under NEP



AVISHKAR-2024 College level Project Competition held on 25th September 2024 under Research Cell



FDP on Empowering Research and Innovation: AI Powered Proposal Writing and Patent Development, scheduled from 23rd to 28th December 2024 under Research Cell



Industrial Visit to ERGEN Technovation Pvt. Ltd under Start up Cell



Alumni Ms. Utkarsha Saraf, Product Manager at ESADE Business and Law School in Berlin, Germany and Ms. Sudipta Gorai, Senior Analyst Trainer at Salesforce in Hyderabad graced the institute with their presence, sharing their journeys and inspiring our students

Major Technical Activities

1. *ATAL Workshop on "Research Opportunities in Sustainable Development Using GIS Technologies"*



Dr. Ravindra Utgikar, Dr. Parag Kalkar, Dr. Shamita Kumar and Principal Prof. Dr. Pradeep V. Jadhav gracing the occasion with their esteemed presence on Inaugural Ceremony of ATAL workshop on “Research Opportunities in Sustainable Development Using GIS Technologies”

The Department of Computer Engineering at Bharati Vidyapeeth’s College of Engineering for Women, in collaboration with the AICTE Training and Learning Academy (ATAL), organized six-days Faculty Development Program (FDP) on “Research Opportunities in Sustainable Development Using GIS Technologies” from 11th to 16th November 2024. The FDP was coordinated by Principal Prof. Dr. Pradeep V. Jadhav and Dr. Sonali Kadam.

*The workshop was inaugurated on 11th November 2024 in the august presence of the Chief Guest, **Dr. Ravindra Utgikar**, Director of the BHAI Institute. The Guest of Honour for the event was **Dr. Parag Kalkar**, Pro Vice-Chancellor, Savitribai Phule Pune University (SPPU), and the Special Guest was **Dr. Shamita Kumar**, Principal of BVIEER, Pune.*

Prof. Dr. Pradeep V. Jadhav delivered a warm welcome address, which set the tone for the program. This was followed by inspiring speeches by the dignitaries. Dr. Utgikar highlighted the critical role of GIS technologies in achieving sustainable development goals, while Dr. Kalkar emphasized their application in urban planning and environmental management.

The FDP featured a total of 10 distinguished speakers, comprising experts from academia and industries. The event saw active participation from 59 attendees, including faculty members, researchers, and students from various parts of the state.

2. Training Program on "Enhancing 3D Competencies of Medical Scholars"



Prof. Dr. Pradeep Jadhav, Dr. Ganesh. M. Kakandikar, Prof. Dr. Avinash Mhetre, Dr. Anita S. Patil in lamp lighting ceremony of inauguration function of "Enhancing 3D Competencies of Medical Scholars"

*Bharati Vidyapeeth's College of Engineering for Women, Pune in collaboration with MIT-World Peace University and co-sponsored by Dassault Systems La Foundation, organized one week training program on 3D Technologies titled as "Enhancing 3D Competencies of Medical Scholars" from 01st July 2024 to 05th July 2024. The workshop was inaugurated on 1st July 2024 in the august presence of the Chief Guest, **Prof. Dr. Pradeep Jadhav**, Principal of Bharati Vidyapeeth's College of Engineering for Women. The Guest of Honour for the event was **Prof. Dr. Ganesh. M. Kakandikar**, Principal Investigator and Associate Dean, Faculty of Engineering and Technology, MIT WPU. Dr. Anita S. Patil, Dean, Faculty of Homoeopathy Bharati Vidyapeeth (Deemed to be University) Pune, delivered an inspiring welcome address, expressing her gratitude to the guests and participants while emphasizing the importance of integrating new technologies in medical education. Prof. Dr. Ganesh. M. Kakandikar introduced the program objectives and the expected outcomes for the participants, providing detailed insights into the program structure and the collaborative efforts behind it, highlighting the significance of these technological skills in the contemporary medical landscape. Prof. Dr. Pradeep Jadhav delivered a compelling address, emphasizing the transformative potential of 3D technologies in medical education and practice. He discussed how 3D modeling and scanning are revolutionizing diagnostics, treatment planning, and patient care, and encouraged interdisciplinary learning for medical scholars. **Prof. Dr. Avinash Mhetre**, Principal Incharge, B.V.D.U.H.M.C., Pune, shared his introductory remarks, reaffirming the institution's commitment to embracing cutting-edge technologies in medical training. The FDP featured 10 distinguished speakers,*

comprising experts from academia and industries. The event saw active participation from attendees.

3. AWS Courses:

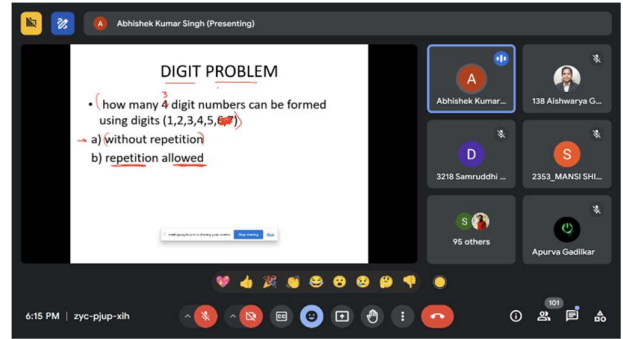
Department of Computer Engineering of Bharati Vidyapeeth's College of Engineering for Women, in association with AWS (Amazon Web Services) Academy, organized online workshops on various topics. Dr. Sonali Kadam, Prof. A. P. Kadam, with AWS training partnership conducted these workshops. The details are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

<i>Sr. No.</i>	<i>Name of Course</i>	<i>Duration</i>	<i>Total No. of Students Involved</i>	<i>Class</i>
1	<i>AWS Academy Lab Project - Cloud Web Application Builder</i>	<i>6 Months</i>	<i>975</i>	<i>SE TE BE</i>
2	<i>AWS Academy Introduction to Cloud: Semester 1</i>			
3	<i>AWS Academy Introduction to Cloud: Semester 2</i>			
4	<i>AWS Academy Cloud Foundations</i>			
5	<i>AWS Academy Data Center Technician</i>			
6	<i>AWS Academy Engineering Operations Technician</i>			
7	<i>AWS Academy Lab Project - Cloud Security Builder</i>			
8	<i>AWS Academy Lab Project- Microservices and CI/CD Pipeline Builder</i>			
9	<i>AWS Academy Cloud Security Foundations</i>			
10	<i>AWS Academy Lab Project - Cloud Data Pipeline Builder</i>			
11	<i>AWS Academy Machine Learning Foundations</i>			
12	<i>AWS Academy Explore Solutions with the Cloud</i>			

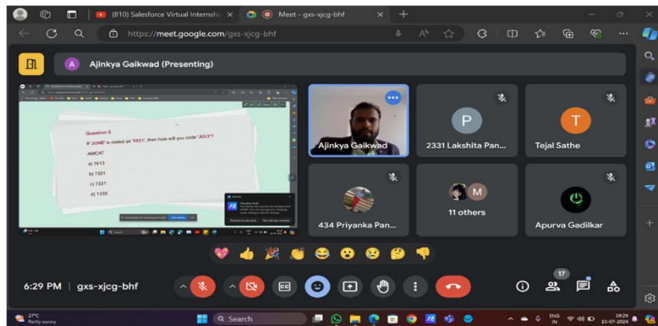
Technical Activities



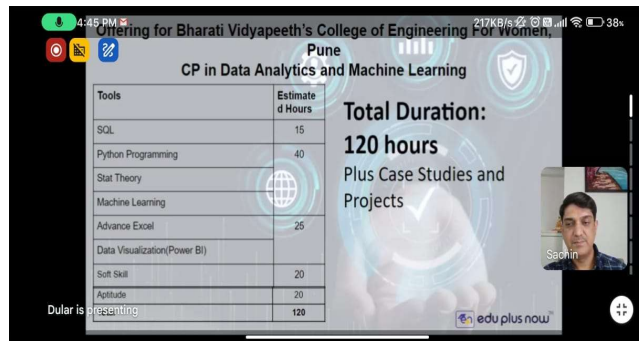
Seminar on “**NES Award- Sharing Experience and Project Selection**” by Alumina of Bharati Vidyapeeth’s College of Engineering for Women Pune, on 6-07-2024 for SE Students.



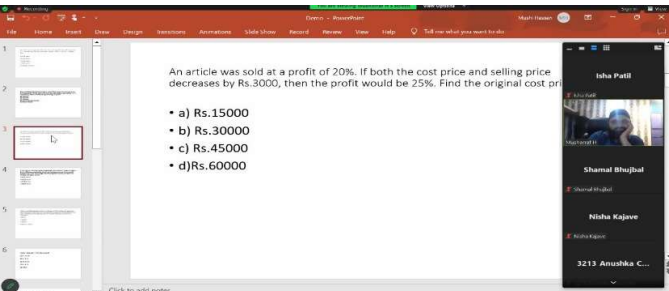
Webinar on “**Training demo on Aptitude and Technical Preparation**” by Mr. Abhishek Kumar Singh and Mr. Prabhakar Kumar, Corporate Trainer InLustro PVT.LTD Pune, on 09-07-2024 for BE Students.



Webinar on “**Employability Skill Training Demo by Six Phrase**” by Mr. Ajinkya Gaikwad and Mr. Vaishali Vavle, Corporate Trainer, Six Phrase PVT.LTD Pune, on 10-07-2024 for BE Students



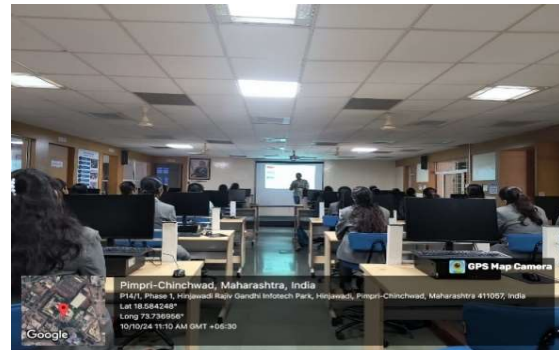
Webinar on “**Aptitude and Technical Training**” by Mr. Sachin and Mr. Dular, Corporate Trainer, Eduplus PVT.LTD Pune, on 12-07-2024 for BE Students



Webinar on “**Aptitude and Technical Training by Campus Credentials**” by Mr. Musharraf H. and Mr. Prashant Jha, Corporate Trainer Campus Credentials Pune, on 19-07-2024 for BE students.



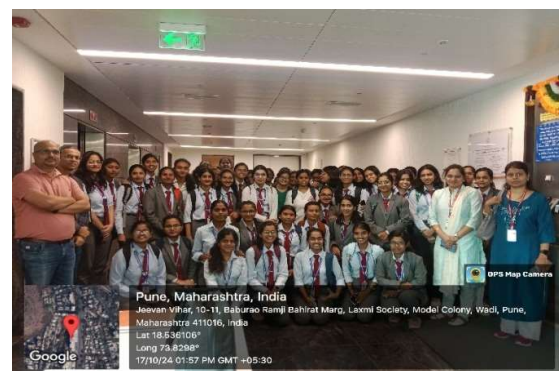
Seminar on “**100% Scholarship to Study Abroad**” by Mr. Subash Pol, Business Development Manager, Edwise Pune, on 02-08-2024 for TE students.



Industrial visit of BE Comp students was organized to the Pralhad Chhabria Research Center, Rajiv Gandhi Infotech Park, Hinjewadi Pune, on 10th October 2024



Industrial visit of TE Comp students was organized to the Software Technology Park of India, Rajiv Gandhi Infotech Park, Hinjewadi Pune, on 19th September 2024.



Industrial visit of SE Comp students was organized to the Maharashtra Knowledge Corporate Limited Pune, on 17th October 2024.

Quantum Computing: A Journey into the Future of Computing

Quantum computing is a revolutionary technology that uses quantum mechanics to achieve computational capabilities far beyond classical computers. This interdisciplinary field combines computer science, physics, and mathematics to solve complex problems with unparalleled speed and efficiency, promising to transform industries and address complex challenges.

At the heart of quantum computing is the qubit, which, unlike classical bits, can exist in multiple states simultaneously due to superposition. This property exponentially increases computing power. Entanglement, another crucial concept, allows qubits to be correlated, enabling quantum computers to perform operations with unmatched efficiency and speed.

Quantum computing holds immense potential across various industries. In cryptography, quantum computers can break many cryptographic algorithms by quickly factoring large numbers, posing both challenges and opportunities for data security. In machine learning, quantum algorithms enhance pattern recognition and classification tasks, revolutionizing AI.

Building quantum computers is expensive and time-consuming. Google, for instance, has invested billions and aims to complete its quantum computer by 2029. In 2022, Google announced a 433-qubit system, followed by IBM's 1,121-qubit Condor processor in 2023.

Quantum computing holds immense promise but faces several challenges. It is sensitive to noise and errors, needing robust correction techniques. Maintaining qubit connectivity and achieving stable, high-quality qubits with long coherence times is required. Quantum algorithms are still developing, requiring a comprehensive ecosystem of tools. Security risks arise as quantum computers could break current cryptographic methods, necessitating new encryption techniques.

With concerted research efforts and collaborative endeavours, quantum computing is poised to redefine the technological landscape and shape the future of computation.



Mr. Tarachand Ola
Director (Amdocs)
Parent of
Ms. Sanchita Ola

UiPath: Revolutionizing Automation with Robotic Process Automation (RPA)

In the ever-evolving world of technology, UiPath is one of the latest software innovations making waves in multinational corporations (MNCs). Unlike traditional management or productivity tools, UiPath focuses on Robotic Process Automation (RPA), a transformative technology that automates repetitive and time-consuming tasks across a range of industries. By integrating RPA into their operations, MNCs are dramatically improving efficiency, reducing operational costs, and enhancing employee productivity.

UiPath allows businesses to create, manage, and deploy software robots that can mimic human actions in any software application. These bots can perform tasks such as data entry, invoice processing, customer service, and even complex back-office operations, all without human intervention. The software provides a user-friendly interface, allowing both technical and non-technical users to design automation workflows using a simple drag-and-drop functionality.

What sets UiPath apart is its scalability. Whether automating tasks for a small department or deploying hundreds of bots across an entire organization, UiPath can handle automation at any scale. Its advanced capabilities include AI-driven processes like natural language processing (NLP) and machine learning (ML), enabling bots to handle more complex tasks that were traditionally performed by human workers.

For MNCs operating in multiple regions, UiPath provides significant benefits by standardizing processes, improving accuracy, and enabling faster decision-making. For example, in financial services, UiPath can automate compliance checks, significantly reducing the risk of human error and ensuring adherence to regulations. Similarly, in customer service, bots can assist in handling routine inquiries, allowing human agents to focus on more complex issues.

Moreover, UiPath offers seamless integration with various systems and software, including legacy systems, making it a flexible and adaptable tool for MNCs across industries. Its cloud-based platform further allows organizations to manage their automation processes from anywhere, ensuring global consistency.

Thus UiPath is disrupting traditional business models by enabling MNCs to automate their operations efficiently and at scale. As businesses increasingly turn to automation to stay competitive in the global market, UiPath is poised to be a critical tool in the digital transformation of organizations worldwide.



Mr. Kiran Ravindra Mhetre
Senior Manager,
Bharat Forge Pvt. Ltd. Pune

EDGE COMPUTING

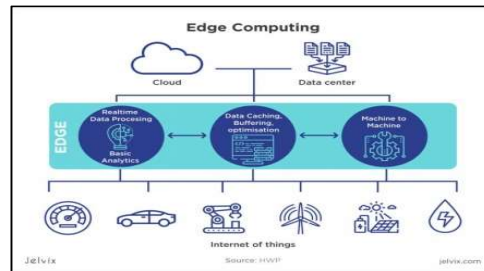
Nowadays large volumes of data are being created more than one location from various sources like vehicles, factories, media services. Data is essence of modern technology. Generally, data is stored in centralized locations mostly on cloud. When data is stored far from processing device there can be considerable delay.

Take one scenario from an autonomous vehicle. In an autonomous vehicle there are many sensors all over these vehicles and these sensors can tell you when you should back up if you're getting close to something. Just imagine; if you were in a snowstorm and suddenly, you couldn't get the internet connection, it becomes a potentially dangerous situation, right? This is where edge computing can help.

Edge Computing - Edge computing refers to data processing at the periphery or edge of a network as close to the original data source as possible. At its basic level, edge computing brings computation and data storage closer to the devices where it's being gathered, rather than relying on a central location that can affect an application's performance. In this way Companies can save money by having the processing done locally, thereby reducing the amount of data that needs to be processed in a centralizes or cloud-based location.

Edge computing works by pushing data, applications, and computing power away from the centralized network to its extremes. This enables fragments of information to lie scattered across distributed networks of the server. It has emerged as a viable and important architecture that supports distributed computing to deploy compute and storage resources closer to ideally in the same physical location as the data source.

In summary "With enhanced interconnectivity enabling improved edge access to more core applications, and with new lol and industry specific business use cases, edge infrastructure is poised to be one of the main growth engines in the server and storage market for the next decade and beyond".



Ms. Pranjali Pawar
(Alumna, Batch 2022-23)
Associate Software Engineer
National Payments Corporation of India
(NPCI)

Achievements

Faculty Achievements



Dr. Sonali Kadam :

Received grant of Rs. 3,50,000/- from AICTE ATAL for conducting Faculty Development Program on “Research Opportunities in Sustainable Development Using GIS Technologies” in November 2024.



Dr. Shital A. Pawar :

Received research grant of Rs. 2,50,000/- for her project “Security Enhancement of MQTT Protocol with Improved Quality of Service for Industrial Internet of Things” under ASPIRE (Assistance by SPPU for Project based Innovative Research) in July 2024.

Students’ Achievements

Sr. No.	Name of The Student	Class	Achievement
1	Parivita Sampagaonkar	TE	Finalists for the Grand Finale of Smart India Hackathon (SIH) 2024 for the problem statements under the Ministry of Ayush which was held at IIT Tirupati on 11th and 12th December 2024, spanning an intense 36-hour hackathon. Their problem statement focused on creating a Virtual 3D Herbal Garden, and this team was recognised as AYUSH_Archiver.
2	Aishwarya Bhansali		
3	Akshada Bombe		
4	Arya Choudhary		
5	Tejaswini Chandargi		
6	Vrunda Bohra		

Our Esteemed Recruiters



Placement Cell Activities



Prof. Dr. Pradeep Jadhav (Principal, BVCOEW, Pune), Prof. Pranoti Kale (Placement Coordinator, BVCOEW, Pune), Dr. Rameez Shamalik, Ms. Mahi Joshi Neilson IQ HR & Team and Neilson IQ Selected Students



Prof. Dr. Pradeep Jadhav (Principal, BVCOEW, Pune), Prof. Pranoti Kale (Placement Coordinator, BVCOEW, Pune), Mr. Akbar (Senior Manager, Human Resource Management), Mr. Pran Ranjan (Head and Vice President, Group Talent Management), Mr. Sameer Srivastava (Head & General Manager, Group Talent Management), Mr. Shipra Rathore, (Manager, Talent Management) and Uno Minda Team



Prof. Dr. Pradeep Jadhav (Principal, BVCOEW, Pune), Prof. Pranoti Kale (Placement Coordinator, BVCOEW, Pune), Dr. Rameez Shamalik and WNS Team



Prof. Dr. Pradeep Jadhav (Principal, BVCOEW, Pune), Prof. Pranoti Kale (Placement Coordinator, BVCOEW, Pune) and Cognizant Team



Prof. Dr. Pradeep Jadhav (Principal, BVCOEW, Pune), Prof. Pranoti Kale (Placement Coordinator, BVCOEW, Pune), Prof. Sucheta Khot (Traning Coordinator, BVCOEW, Pune), Dr. Rameez Shamalik, Amdocs Team and Amdocs Selected Students



Atlas Copco Placement drive at BVCOEW, Pune with Atlas Copco team led by Ms. Sanjana Anvekar and Mrs. Rohit Adsule

Placements from June 2024 to December 2024

SR. NO.	NAME OF THE STUDENT	COMPANY
1	RENUKA UDAY SARMOKDAM	BNY Mellon
2	MAHAK CHAWLA	WESTERN UNION
3	SHUBHANGI KUMARI	WESTERN UNION
4	DIVYA RAVINDRA GAIKWAD	WESTERN UNION
5	SHWETA GORAKSHA JADHAV	WESTERN UNION
6	PRACHI NARENDRA BORSE	WESTERN UNION
7	PATIL BHAKTI ARJUN	PUBLICIS SUPRENT
8	SHRAVANI MAHABARE	PUBLICIS SUPRENT
9	SURUCHI SANDEEP BIBIKAR	PUBLICIS SUPRENT
10	JAGTAP SAKSHI NITIN	DELOITTE
11	MADHVI SHARMA	DELOITTE
12	SANJIVANI SHIVAJI MORE	CAPGEMINI
13	SAMRUDHI PRASHANT SHETE	CAPGEMINI
14	APURVA SANJAY PONGADE	CAPGEMINI
15	PRANJAL SURYVANSHEE	CAPGEMINI
16	SANAH MANSOOR NAIK	CAPGEMINI
17	SANDHYA BHAKARE	CAPGEMINI
18	DIVYA SURENDRA RANE	CAPGEMINI
19	AHILYA BANDGAR	CAPGEMINI
20	PURVA PRADIP NAGRALE	CAPGEMINI
21	DRISHTI DEVENDRA SHAH	CAPGEMINI
22	PRANALI JAGADALE	CAPGEMINI
23	JULEKHA MUJIM BAGWAN	PARKER DIGITAL
24	WAGISHA RAJ	PARKER DIGITAL
25	SHRAVANI THAKARE	PARKER DIGITAL

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Principal, BVCOEW*



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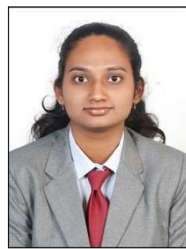
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F.E. Staff*



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*Aishwarya Nalawade
(T.E. Comp.)*



*Mihika Jain
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*Mitali Chavan
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*Shweta Gogawale
(T.E. Comp.)*



*Anamika Sharma
(S.E. Comp)*