



**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)	09	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. Haveli, 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



Director

BC(SC)/222/2nd 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 endeavors.

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 (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	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 Information Technology

Vision

Globally competent women engineers through excellence in IT education.

Mission

- *Develop requisite skills and competencies in the field of IT.*
- *Groom students for responsible and rewarding careers in the field of IT.*
- *Build confidence and personality development through curricular, co-curricular and extra-curricular activities.*

Program Educational Objectives (PEOs)

PEO 1:- Possess adequate knowledge and skills in mathematics, science, and engineering to employ these skills in their chosen fields of specialization.

PEO 2:- Possess the ability to solve problems through technical competency in Information Technology.

PEO 3:- Possess professional competence through life-long learning such as higher studies, registrations to professional bodies, and other professional activities in Information Technology.

PEO 4:- Work ethically and morally in a multidisciplinary workplace and independently in a global, societal, and environmental context.

Program Outcomes (POs):

Graduates of IT program 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, review 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 contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to 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 and 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.

Program Specific Outcomes (PSOs):

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

1. Graduates will possess knowledge of IT infrastructure, data management systems, networking, and security.
2. Graduates will be able to understand and apply algorithmic techniques and programming skills for providing software solutions in the IT industry.
3. Graduates will be capable of acquiring and demonstrating technical competencies in emerging technologies of Information Technology.

HOD's Message



Prof. Dr. D. A. Godse
Head of Information Technology Department

Respected Stakeholders,

We are delighted to share that our institute has been accredited with an “A” grade in NAAC Cycle 2. As the Head of the IT Department, I take immense pride in the faculty and staff for their wholehearted involvement and dedicated contributions during the preparation and execution of the NAAC Peer Team Visit.

Our faculty consistently put in great effort to prepare students for participation in various technical competitions, guiding them to showcase their talents. At the same time, the faculty actively engage in diverse activities at the college level, contributing significantly to our institution's growth.

Our students have excelled in academics, research, and extracurricular pursuits, earning recognition and bringing prestige to the institution. Meanwhile, our faculty remain deeply involved in advanced research and development, fostering a culture of innovation and creativity.

The e-newsletter reflects our collective efforts and achievements, highlighting the vibrant academic environment and collaborative spirit that define our department.

I extend my heartfelt appreciation to the editorial team for their dedication and hard work in crafting this e-newsletter. Their efforts keep us connected and informed about the events and accomplishments within our community.


Congratulations to all stakeholders for your invaluable contributions and unwavering support, which have been instrumental in the continuous progress of our institute and the celebration of this remarkable Silver Jubilee milestone.

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 Ankalkhope**, 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



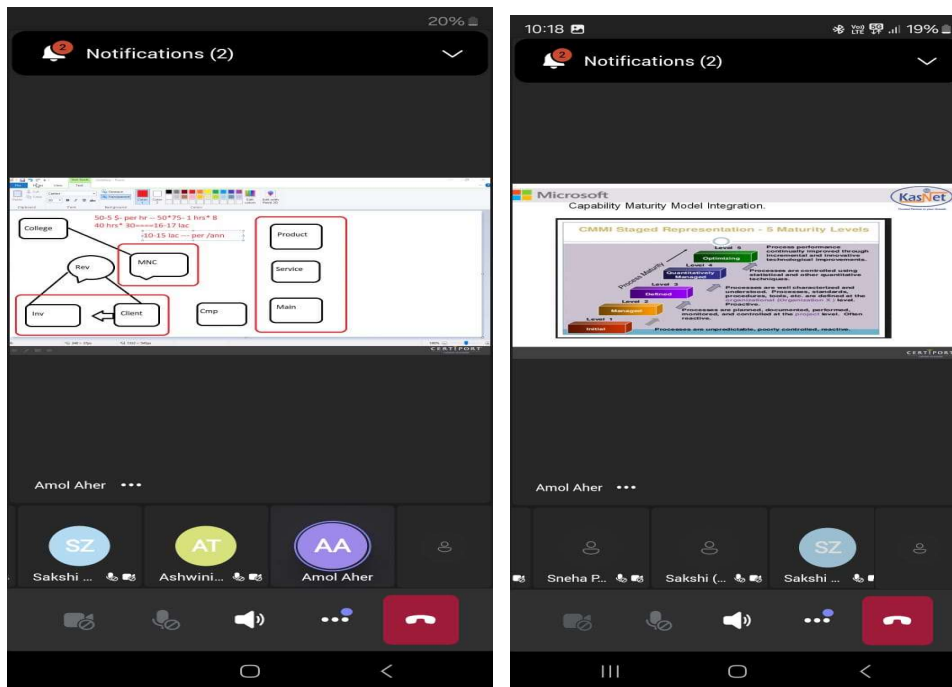
Felicitating of Dr. Alexander Schwandt, Head of Development and Robotics Engineer, FKS Maschinenbau GmbH, Berlin, Germany upon his arrival by Prof. Dr. Pradeep V. Jadhav, Principal, BVCOEW, Pune



Felicitating 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



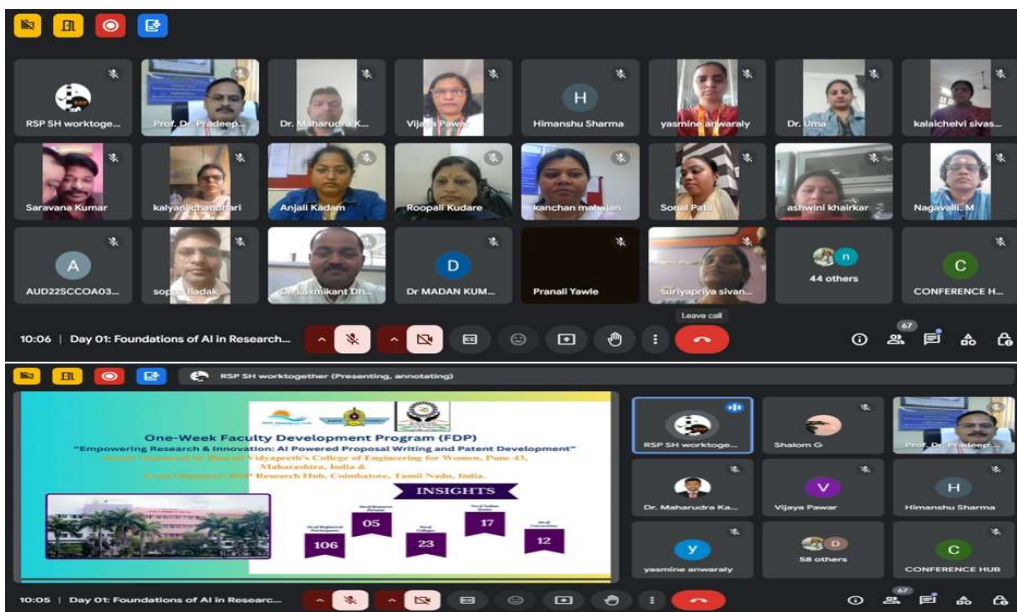
A Seminar on Session on Business Model Canvas (BMC) by Prof. Dr. Sunita Dhotre, BVDU COE Pune under Institution's Innovation Council (IIC)



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 Activity

The ACM-W Student Chapter of Department of Information Technology organized a Seminar on “A Framework to Start Writing Your Own OS” by Dr. Abhijat Vichare, Consultant, Compilers and system software, Corporate Technical Trainer, on Tuesday, 1st Oct, 2024 for TE IT students under the guidance of Prof. Ashwini Kanade, Coordinator of ACM-W Student Chapter.

The program began with a welcome speech by Prof. Dr. D. A. Godse, Head of the IT Department, followed by the introduction of the speaker by Ms. Samiksha Pardeshi, a TE IT student.

Dr. Abhijat Vichare explained the workings of operating systems and provided a step-by-step guide for developing one. He emphasized that, though building an OS is challenging, it is not beyond the reach of students. By discussing the key processes and hurdles involved, he aimed to shift the mindset of those who believe OS creation is too difficult to achieve.

The seminar concluded with an interactive Q&A session, followed by a vote of thanks by Ms. Nayan Bhagat, a TE IT student.

Overall, the session was insightful and inspiring, encouraging students to delve deeper into the field of OS development.



Seminar on “A Framework to start writing your own OS” by Dr. Abhijat Vichare

Technical Activities



Seminar on “Current Trends in the Industry and Internship Awareness” by Mr. Amol Aher, KasNet Technologies Pvt. Ltd., Pune



Seminar on “100% Scholarship for Studying Abroad and Future Career Opportunities” by Mr. Subhash Pol, Edwise International, Pune



Seminar on “Higher Education and Career Opportunities Abroad” by Miss. Leena Mohile, Destination Head, Study Smart, Pune



Seminar on “Data Structures” by Mr. Nagesh Mhetre, Director, Click In Computers, Pune



Seminar on “An appeal Regarding Metabolic Health” by Dr. Poonam Gupte, Senior Research Assistant at the Obesity-Diabetes Lab, Interactive Research School for Health Affairs (IRSHA), Bharati Vidyapeeth Deemed to be University (BVDU), Pune highlighting the integration of IT solutions in health sciences.



Workshop on “Soft Skills and Placement Opportunities” by Mr. Atul Laxman Tupe, Director of Civil Geotech Consociates LLP, Swaminy Impex Pvt Ltd, and Owner of Insta HR Solutions

Teamcenter: Redefining Digital Synergy in Product Lifecycle Management

Teamcenter is the leading choice in modern product lifecycle management (PLM) software. Use digital twins to connect and optimize processes for designs, systems, software, simulation and visualization. Resolve problems before they become real. Connect people across your business. Automate and streamline product lifecycle processes. Provide visibility for everyone to make innovative product decisions. Start-ups to large enterprises - across industries - trust Teamcenter. Invest in the future with modern PLM of unmatched breadth, depth and usability.

Teamcenter is a comprehensive and widely-used product lifecycle management (PLM) software developed by Siemens Digital Industries Software. It is a suite of applications designed to help companies manage the entire lifecycle of their products, from conceptualization and design to manufacturing, operation, and eventual disposal.

Teamcenter is able to support your business with an active product lifecycle management (PLM) foundation that can adapt quickly to market disruptions. Your Siemens PLM software applications are backed by a network of PLM foundation options that deliver fast time-to-value and protect your investment. You can choose from flexible deployment options (on-premise, cloud, and pre-configured) for rapid time-to-value and lower cost of ownership. Your IT team can adapt PLM to your unique business processes with configuration, not customization - and extend PLM with integrations to other best-in-class domain and enterprise applications. Administrative tools simplify IT management and maintenance to focus on priorities that matter most to your business.



Managing to meet customer demands, as well as connecting with a growing number of partners and suppliers, can be difficult. That is why effective BOM (bill of materials) management and configuration are critical to your success, whether your product consists of ten parts or ten million. As you develop more innovative products to remain competitive, managing accurate product definitions, including BOM, becomes increasingly complex. Our solution helps you know your product by providing a common source of BOM information across your organization. Whether you need essential or more advanced BOM management, you can meet and exceed the market demand for more innovative and varied product offerings.

Teamcenter powers innovation and improves productivity by connecting people with the product and process knowledge they need to effectively function in a globally oriented product lifecycle. Teamcenter's proven digital lifecycle management solutions are built on an open PLM foundation. Teamcenter is the world's most widely used PLM system. It is backed by Siemens PLM Software's

leadership in delivering Global Innovation Networks that enable companies to make unified, information-driven decisions at every stage in the product lifecycle.

Teamcenter powers innovation and improves productivity by connecting people with the product and process knowledge they need to effectively function in a globally oriented product lifecycle.

Teamcenter's proven digital lifecycle management solutions are built on an open PLM foundation. Teamcenter is the world's most widely used PLM system. It is backed by Siemens PLM Software's leadership in delivering Global Innovation Networks that enable companies to make unified, information-driven decisions at every stage in the product lifecycle.

Critical business initiatives targeted by Teamcenter:

- *New product development and introduction*

Improve innovation by facilitating real-time global collaboration among all lifecycle participants and processes.

- *Value chain synchronization*

Excel globally by optimizing the exchange of ideas and information between all value chain participants.

- *Enterprise data management*

Improve competitiveness by providing secure access to your enterprise's product and process knowledge.

- *Commonization and re-use*

Re-use proven parts, equipment and processes to create cost efficiency and foster best practices.

- *Knowledge/intellectual property management*

Capture the knowledge and expertise of your lifecycle participants to continuously improve innovation.

- *Regulatory compliance*

Achieve market compliance by integrating safety, environmental and government requirements early in your design stage.

- *Production efficiency*

Integrate product and process design with manufacturing best practices to increase production quality and performance.



SHWETA R. DIWATE
Parent of student,
Ms. Prajakta Mhetre

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

OpenAI O3: Advancing the Frontier of Artificial General Intelligence

Artificial General Intelligence (AGI) has long been the ultimate goal of AI research—a vision of machines capable of performing any intellectual task a human can accomplish. In 2024, OpenAI unveiled its latest innovation, O3, a platform designed to move us closer to AGI. OpenAI O3 not only represents a leap in technology but also addresses the ethical challenges associated with such transformative advancements.

OpenAI O3 is the third-generation AI platform developed by OpenAI, designed to exhibit broad cognitive capabilities. Unlike narrow AI systems, which specialize in specific tasks, O3 aims to function across multiple domains, demonstrating versatility and adaptability. The platform features a modular architecture that allows it to integrate and apply knowledge from diverse areas, making it a groundbreaking step toward achieving true AGI.

A major highlight of OpenAI O3 is its unified cognitive framework, enabling it to process and understand text, images, audio, and video seamlessly. This multimodal capability allows O3 to interact with the world more naturally, much like a human. Additionally, the platform incorporates self-learning algorithms, allowing it to improve autonomously by synthesizing real-world data and adapting to new challenges.

Another critical feature of O3 is its focus on ethical AI alignment. OpenAI has implemented robust protocols to ensure that the system operates within ethical boundaries. Transparency and explainability are core principles of O3, ensuring that its decision-making processes can be understood and trusted by users.

The potential applications of OpenAI O3 are vast and transformative. In healthcare, it can accelerate drug discovery, personalize treatments, and analyze complex medical data. In education, it offers personalized learning experiences through

interactive tutoring systems and tailored content creation. The platform also has significant implications for finance, improving risk analysis, fraud detection, and market forecasting. Beyond these fields, O3 is making waves in the creative industries, generating art, music, and narratives. By collaborating with human creators, it pushes the boundaries of what is possible in fields traditionally thought to require human intuition and creativity.

As AGI development progresses, ethical and societal concerns take center stage. OpenAI O3 addresses these challenges by fostering collaboration with policymakers, researchers, and global organizations. The platform emphasizes responsible use, ensuring that its capabilities are applied to benefit humanity while minimizing potential risks. OpenAI's commitment to transparency further builds public trust in the technology.

OpenAI O3 represents more than a technological achievement—it symbolizes a new era of human-machine collaboration. By advancing AGI responsibly, OpenAI envisions a world where intelligent systems work alongside humans to tackle pressing global challenges, such as climate change, healthcare disparities, and poverty. As OpenAI O3 continues to evolve, it invites society to reimagine the possibilities of AGI. This innovation is not just about creating smarter machines; it is about shaping a future where technology enhances human potential, fosters inclusivity, and brings us closer to solving humanity's greatest challenges.



**Utkarsha
Vasantrao Kakade,
Walmart Global
Tech
(Alumna, 2023-2024
Batch)**

Achievements

Faculty Achievement



Dr. Nilofar Mulla

Successfully completed the degree of Doctorate of Philosophy (Ph.D.) in Computer Engineering for the thesis titled "An Archetypal for Test Case Generation and Classification in Agile using Orchestrated Raw Requirements Analysis" under the guidance of Dr. NaveenKumar Jayakumar, Research Guide, Bharati Vidyapeeth Deemed to be University College of Engineering , Pune

Students' Achievements



Ayesha Shaikh

Ayesha Shaikh and a team developed the project "CenterPiece: Where the Div Takes the Stage" during the Brainrot jia seed Hackathon, organized by Audrey Chen. The project won under the tracks Pear AI and Most Kawaii UI/UX, earning recognition for its technical innovation and engaging design. As a reward, the team was awarded \$200 USD.



Nandini Pandey

Nandini Prabhaskar Pandey won First Prize in GenerationTech Design Challenge 2024 organized by JPMorganChase and Co.



Lakshita Panchbhai

The GirlScript Summer of Code (GSSoC), an international open-source program by the GirlScript Foundation, empowers students to contribute in global projects. Lakshita Panchbhai has been recognized as a top Campus Ambassador internationally for facilitating opportunities for 88 girls.

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	Mayuri Salunkhe	Atlas Copco
2	Suhani Havaladar	Atlas Copco
3	Saeed Datar	Atlas Copco
4	Chaitali Nigade	Atlas Copco
5	Srushti Mule	Atlas Copco
6	Anushka Bhagat	Atlas Copco
7	Radhika Dhangare	Atlas Copco
8	Devanshi Koushal	Standard Chartered GBS
9	Shruti Surdi	Standard Chartered GBS
10	Apurva Nangare	Amdocs
11	Shruti Deshmukh	Amdocs
12	Sanchita Sawai	Amdocs
13	Mayuri Das	Amdocs
14	Lakshita Panchbhai	Amdocs
15	Shreya Dhadse	BNY Mellon
16	Shreya Sakare	Tata technologies
17	Mansi Shinde	Capgemini
18	Sanika Bhosale	Capgemini
19	Pragati Kakade	Capgemini
20	Shriya Lakhe	Capgemini
21	Priyanka Dhokate	Capgemini
22	Komal Girhe	Capgemini
23	Mariyam Boxwala	Capgemini
24	Shaikh Alnaaz	Capgemini
25	Manasvi Pudale	Capgemini
26	Sakshi Deshmukh	Capgemini
27	Pranjal Parwekar	Capgemini
28	Amruta Sharnagat	Capgemini
29	Neha Sutrave	Capgemini
30	Shruti Sakare	Capgemini
31	Nisha Kajave	Capgemini
32	Trupti Yadav	Capgemini

Editorial Board



*Prof. Dr. P. V. Jadhav
Principal, BVCOEW, Pune*



*Prof. Dr. D. A. Godse
Newsletter Coordinator and HOD IT*



*Dr. N. A. Mulla
Chief Editor(IT)*



*Prof. K. V. Patil
Editor(IT)*



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



*Dr. Smita Jadhav
F.E. Staff*



*Saeed Datar
(B.E. I.T.)*



*Chaitali Deshmukh
(T.E. I.T.)*



*Lavanya Erande
(S.E. I.T.)*



*Radhika Dhangare
(B.E. I.T.)*



*Gayatri Kharat
(T.E. I.T.)*



*Shradha Dinde
(S.E. I.T.)*