



: Founder :  
**Dr. Patangrao Kadam**  
M.A., LL.B., Ph.D.

## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

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

Principal :

**Prof. (Dr.) Pradeep V. Jadhav**

M.E., Ph.D.(Mech. Engg.), FMASC, FLMIET, MSAEINDIA

Ref. No. : BV/COEW/36A/2024

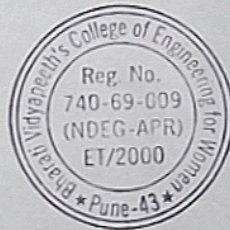
Date : 18/04/2024

### National Education Policy-2020

#### Committee (N.E.P)

Sr. No.	Name of the Member	Post	Department
1	Prof. Dr. P. V. Jadhav	Chairman	
2	Prof. Dr. S. S. Chorage	IQAC Coordinator	E&TC Engg.
3.	Prof. Dr. D. A. Godse	H.O.D	IT
4	Prof. Dr. S. A. Pawar	Coordinator	Computer Engg.
5	Prof. Mr. M. A. Patwardhan	Co-Coordinator	E.S. & A. Engg.
6.	Prof. Mrs. S. A. Hadake	Member	IT
7.	Prof. Mrs. S. M. Thorat	Member	E&TC Engg.
8.	Prof. Mrs. R. J. Sapkal	Member	E&TC Engg.
9.	Mr. S. J. Deshmukh	Member	Exam Section
10.	Mr. S. A. Jagtap	Member	Student Section
11.	Ms. J. D. Kumbhar	Student Coordinator	Computer Engg.

**IQAC .Coordinator**  
**Bharati Vidyapeeth's**  
**College of Engineering for Women**  
**Pune-Satara Road, Pune-411043.**



**Dr. Pradeep Jadhav**  
**Principal**

**PRINCIPAL**  
**Bharati Vidyapeeth's**  
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**Pune-Satara Road, Pune-411043.**

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/ 20

Date :

## Institute Development Plan In-line with NEP 2020

### • Multidisciplinary Approach:

- Promote minor programs and electives that allow students to explore areas beyond their core discipline.
- Motivate and guide students to develop projects that embrace multidisciplinary and interdisciplinary approaches, using creativity, critical thinking and problem solving to address challenges in medical, agricultural, and environmental fields.
- Promote multidisciplinary learning by allowing students to take electives outside their core discipline. This will develop critical thinking, creativity, and problem-solving skills.
- Integrate interdisciplinary courses that combine technology with humanities, entrepreneurial aspects, social sciences etc. as encouraged by NEP.

### • Holistic Education:

- Implement a credit-based system for co-curricular activities such as sports, cultural, arts, and leadership roles. Students will earn credits for participating in clubs, seminars, workshops, and social impact projects.
- Courses on Indian Knowledge Systems will be made more comprehensive, ensuring students understand traditional knowledge alongside global advancements.

### • Online and Value Based Education:

- Introduce the online courses through platforms such as NPTEL, SWAYAM, and Coursera to ensure students have access to a wider array of learning opportunities.
- Align value-based education, ethics, and sustainability as core components of every engineering curriculum.
- Provide value-based education and life skills, teaching students how to manage stress, time, relationships, and develop leadership qualities.

### • Skill Enhancement and Vocational Training:

- Create strong pathways for vocational courses, internships, and on-the-job training (OJT) to ensure students gain practical exposure along with theoretical knowledge.
- Encourage more hands-on projects, research initiatives, and field/industry projects through both individual and group assignments.



- Offer specialized programs for critical thinking, problem-solving, communication skills, and collaboration. This will include workshops, communication courses, and leadership training.
- Focus on employability skills through industry-specific certifications, soft skills training, and internships to ensure students are industry-ready upon graduation.
- Partner with internationally recognized organizations (like IEEE, ACM) and provide students with opportunities to earn global certifications, giving them a competitive edge in the global job market.

- **Ability Enhancement:**

- Workshops and courses focusing on communication skills, entrepreneurship, and project management, which are crucial for holistic development.
- Emphasis on Research Methodology, Quantitative Techniques, and Project Management to prepare students for industry demands.

## **Industry Collaboration, Internships, Research, and Innovation:**

- **Industry Collaborations:**

- Partner with industry leaders for internship opportunities, and research projects that align with the needs of emerging industries such as AI, robotics, data science, green technologies etc.
- Facilitate industry internships and On-the-Job Training (OJT) in the later semesters as part of compulsory curriculum requirements.
- Partner with industry leaders for internships, research projects, and specialized training programs.

- **Research on emerging technologies and Innovation:**

- Promote research and development in fields like AI, Machine Learning, Blockchain, etc. integrating these technologies into the curriculum through specialized courses.
- Encourage faculty and students to work on research-to-patent and research-to-publication initiatives, aligning academic projects with real-life problems
- The research-oriented courses to help students conceptualize solutions for industry and societal problems.
- Enhance the focus on research and innovation, especially in the final years, through research projects, innovation labs, and entrepreneurship incubators.
- Develop programs that integrate the academic and research ecosystem with startups and industry collaborations, fostering an entrepreneurial spirit.
- Establish research centers for solving real life national and global challenges.
- Providing seed money for interdisciplinary /multidisciplinary research projects.

- Organizing workshops, seminars, and conferences to enhance research through collaboration, skill-building, and knowledge exchange.

- **Support Systems:**

- Strengthen student support services, including career counseling, mental health support, tutoring services, and peer-to-peer learning platforms to create an inclusive and supportive environment for all students.
- Organize workshops on mental resilience, mindfulness, Universal Human Values and work-life balance to equip students with coping strategies for academic and personal stress.

*S. Pawar*

**Dr. S. A. Pawar**  
**NEP Coordinator**



*P. V. Jadhav*

**Prof. Dr. P. V. Jadhav**  
**Principal**

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