



: Founder:

Hon. Dr. Patangrao Kadam  
M. A. L. L. B. Ph. D.

## Strategic/Perspective Plan & deployment

**Institute Vision Statement: Women Empowerment through Technical Education**

**Institute Mission Statement:**

- **Develop women students to rise to their full potential.**
- **Impart knowledge and prepare competent engineers.**

**Core Values**

- **Commitment**
- **Respect**
- **Excellence**
- **Accountability**
- **Diversity**

The Institute's strategic plan is aligned with the vision, mission, and core values of the institute.

Institute recognizes.

- The need for holistic development of girl students.
- Impact of capacity building of faculty members to impart quality education.
- Need to strengthen industry linkages.
- Importance of participation in extension activities.





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(Approved by AICTE New Delhi, DTE Maharashtra & affiliated to Savitribai Phule Pune University)

Accredited by NAAC DTE Institute Code: EN-6285

Principal  
Dr. S. R. Patil

Institute strives for

- Holistic development of girl students through
  - a. life skill practices.
  - b. building confidence in all types of communications.
  - c. building technical competence.
  - d. inculcation of creativity.
  - e. inculcation of financial intelligence.
- Capacity building of faculty members through
  - a. various kinds of training.
  - b. promotion of research activities and code of ethics.
- Strengthen industry linkages through
  - a. induction of industry experts.
  - b. sponsored projects.
  - c. internship.
- Increase student participation in extension activities.
- Implement Information and Communication Technology (ICT).





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## Strategic Goals

Sr. No.	Performance Indicator	Parameter	Goal	
			Short Term	Long Term
1	Accreditation	NBA	<ul style="list-style-type: none"> <li>The institute was established in the year 2000 and has a history of good academic achievements.</li> <li>The Institute will be seeking recognition from the standard accrediting bodies such as the NBA for all its UG Programmes and for autonomy</li> </ul>	
		NAAC	<ul style="list-style-type: none"> <li>The institute is accredited by NAAC in the first cycle and preparing for the next subsequent cycles through IQAC.</li> <li>The institute aims at good grades for the next cycle. Participating in NIRF and improving institute score</li> </ul>	
2	Employability	Training & Placement	<ul style="list-style-type: none"> <li>Implement well-designed training modules from first year Engineering.</li> <li>Awareness and practice of competitive programming and problem-solving coding skills.</li> <li>Increase interaction with recruiters and understand the expectations</li> </ul>	<ul style="list-style-type: none"> <li>Increase the number of placed students qualitatively &amp; quantitatively</li> </ul>
		Career Guidance Cell	<ul style="list-style-type: none"> <li>To provide individuals with the tools, information, and resources needed for self-exploration, Goal setting and planning,</li> <li>To help students to set realistic and achievable career goals</li> </ul>	<ul style="list-style-type: none"> <li>To empower students by providing guidance and assistance to achieve their career goals. create awareness of Higher Education, Self-employment, and Job opportunities.</li> </ul>
3	Skill Development	Technical Skills	<ul style="list-style-type: none"> <li>Coursework Mastery (1-2 Semesters): Focus on excelling in your current coursework by consistently attending classes, actively participating in</li> </ul>	<ul style="list-style-type: none"> <li>Degree Completion (3-4 Years): Graduating with a strong academic record is a long-term goal. Plan your course schedule, seek academic guidance, and stay committed to your studies.</li> </ul>





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			<p>discussions, and seeking help when needed. Aim for high grades in your technical courses.</p> <ul style="list-style-type: none"> <li>• Skill Enhancement (1-2 Semesters): Identify specific technical skills you want to develop, such as programming languages, CAD software, or lab techniques. Allocate time to practice and improve these skills regularly.</li> <li>• Networking (1 Semester): Start building your professional network by attending workshops, seminars, and conferences related to your field. Connect with professors, classmates, and guest speakers.</li> <li>• Internship (Summer/Winter Break): Seek opportunities for internships or co-op programs in your field of interest. These experiences can provide hands-on technical exposure and real-world applications of what you've learned.</li> <li>• Project Participation (1-2 Semesters): Join engineering projects or student organizations that align with your interests. This will allow you to apply your skills in a practical setting and collaborate with peers.</li> </ul>	<ul style="list-style-type: none"> <li>• Professional Certifications (Throughout College): Identify relevant industry certifications and work towards obtaining them as you progress through your academic journey.</li> <li>• Research Opportunities (2-4 Years): If you're interested in research, aim to work with professors on research projects and potentially publish your work in academic journals.</li> <li>• Leadership Roles (2-4 Years): Consider taking on leadership roles in student organizations, clubs, or projects. Leadership experience enhances your technical and soft skills.</li> <li>• Networking and Mentoring (Throughout College): Continue to expand your professional network by attending conferences, seminars, and workshops. Seek out mentors who can provide guidance in your field.</li> <li>• Career Preparation (Final Year): As you approach graduation, start preparing for your career by polishing your resume, practicing interview skills, and researching job opportunities in your chosen field.</li> <li>• Post Graduation Studies (Optional, Post-Graduation): If you plan to pursue advanced technical skills, consider enrolling in a master's or Ph.D. program in your area of interest.</li> </ul>
		Soft Skills	<ul style="list-style-type: none"> <li>• Effective Communication (1-2 Semesters): Focus on improving your communication skills, both written and verbal. Set goals for clear and concise presentations, active</li> </ul>	<ul style="list-style-type: none"> <li>• Leadership Development (2-4 Years): Continue to seek leadership positions in various organizations or projects to refine your leadership skills further.</li> </ul>





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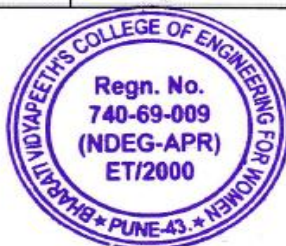
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			<p>listening, and articulating ideas effectively.</p> <ul style="list-style-type: none"> <li>• Teamwork (1-2 Semesters): Actively participate in group projects or team-based assignments. Aim to collaborate effectively, respect diverse viewpoints, and contribute to the success of your team.</li> <li>• Leadership Opportunities (1-2 Semesters): Seek leadership roles in student organizations, clubs, or engineering projects within your college. This will provide hands-on experience in leadership and decision-making.</li> <li>• Conflict Resolution (1-2 Semesters): Learn how to navigate and resolve conflicts within teams or groups. Practice constructive communication and conflict resolution techniques.</li> <li>• Time Management (1-2 Semesters): Work on your time management skills to balance academic work, extracurricular activities, and personal life effectively.</li> </ul>	<p>Attending leadership workshops and seminars.</p> <ul style="list-style-type: none"> <li>• Networking (Throughout College): Build and maintain a strong professional network by attending industry events, career fairs, and networking functions. Connect with alumni and professionals in your field.</li> <li>• Conflict Resolution Mastery (2-4 Years): Aim to become proficient in conflict resolution. You can do this by actively participating in resolving conflicts and seeking mentorship from experienced individuals.</li> <li>• Public Speaking and Presentation Skills (2-4 Years): Continue to work on your public speaking and presentation skills by participating in speaking engagements, competitions, or joining a public speaking club.</li> <li>• Cultural Competency (2-4 Years): In a diverse engineering field, it's crucial to understand and respect cultural differences. Engage in activities or workshops that promote cultural competency.</li> <li>• Critical Thinking and Problem-Solving (Throughout College): Enhance your problem-solving abilities by actively participating in challenging projects and applying critical thinking skills to real-world problems.</li> <li>• Mentorship (Throughout College): Seek out mentors who can provide guidance and advice on developing your soft skills. They can offer valuable insights based on their experiences.</li> <li>• Career Readiness (Final Year): In your final year, focus on preparing for your</li> </ul>
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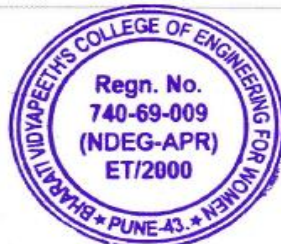
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					<p>engineering career by refining your resume,</p> <ul style="list-style-type: none"> <li>• practicing interview skills, and seeking internships or co-op experiences.</li> </ul>
		Professional Aptitude	<ul style="list-style-type: none"> <li>• Professionalism (1-2 Semesters): Focus on punctuality, organization, and maintaining a positive attitude in all your interactions, whether it's with professors, peers, or potential employers.</li> <li>• Networking (1-2 Semesters): Attend networking events, career fairs, and industry-related seminars within your college. Actively engage with professionals and peers to build valuable connections.</li> <li>• Resume Building (1 Semester): Update your resume with relevant coursework, projects, and any part-time jobs or internships. Seek advice from career services on crafting an impressive resume.</li> <li>• Interview Preparation (1 Semester): Start preparing for interviews by practicing common interview questions, researching companies, and improving your interview skills.</li> <li>• Professional Development Workshops (1 Semester): Attend workshops on topics such as resume writing, LinkedIn optimization, and personal branding to enhance your professional skills.</li> </ul>	<ul style="list-style-type: none"> <li>• Internships/Co-op Experience (2-4 Years): Secure internships or co-op positions related to your field of study. Practical experience is invaluable for your professional development.</li> <li>• Professional Organizations (Throughout College): Join and actively participate in professional engineering organizations or societies. This will help you stay updated on industry trends and build a strong professional network.</li> <li>• Mentorship (Throughout College): Seek out mentors in your field who can provide guidance and advice. Consider professors, industry professionals, or alumni as potential mentors.</li> <li>• LinkedIn Optimization (Throughout College): Create a professional LinkedIn profile and use it to connect with professionals, share your achievements, and stay informed about industry news.</li> <li>• Soft Skills Enhancement (Throughout College): Continuously work on improving your soft skills, such as communication, teamwork, and leadership, as these are highly valued by employers.</li> <li>• Professional Conferences (Throughout College): Attend industry-specific conferences and seminars to gain exposure to the latest developments in your field and network with professionals.</li> </ul>	





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				<ul style="list-style-type: none"> <li>• Global Perspective (2-4 Years): If possible, consider international internships, study abroad programs, or projects that allow you to gain a global perspective on engineering.</li> <li>• Certifications (Throughout College): Identify relevant certifications in your field and work toward obtaining them to demonstrate your expertise and commitment to your profession.</li> <li>• Career Planning (Final Year): Develop a clear career plan in your final year. This should include setting short-term and long-term career goals, identifying potential employers, and preparing job applications.</li> <li>• Lifelong Learning (Throughout Career): Commit to continuous learning and professional development throughout your engineering career to stay up to date with evolving technologies and industry trends.</li> </ul>
4	Industry Academic Partnership	Industry Linkages	<ul style="list-style-type: none"> <li>• Identify the organizations and industries in the nearby areas for linkage and interaction.</li> <li>• Build a network for relationships.</li> <li>• Inspire &amp; motivate the students and faculty to work in collaboration with industry</li> </ul>	<ul style="list-style-type: none"> <li>• Undertake industry projects, internship training and secure employment.</li> <li>• Give incentives to staff who undertake this activity.</li> <li>• Sign MoU</li> </ul>
		Consultancy	<ul style="list-style-type: none"> <li>• To sign an MOU with Core Industries.</li> <li>• To visit industries to build good industry-institute interaction.</li> <li>• To arrange training sessions for faculty and students.</li> </ul>	<ul style="list-style-type: none"> <li>• To build a team of experts in various streams of engineering in the institute.</li> <li>• To procure industry projects for students and faculty members.</li> <li>• To undertake government projects of specific problems which are of short duration.</li> <li>• To start various courses by expert faculty of the institute.</li> </ul>





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		Industry Sponsored Laboratory	<ul style="list-style-type: none"> <li>Find out the establishments and industrial firms in the specialized areas and build an association to</li> <li>Carry out Joint research projects, seminars, workshops, consultancy, and internships.</li> <li>Carry out faculty exchange program and have MoU.</li> <li>Give incentives to staff who undertake this activity</li> </ul>	<ul style="list-style-type: none"> <li>Set up industry-supported laboratories</li> </ul>
		Entrepreneurship	<ul style="list-style-type: none"> <li>Inculcating the spirit of entrepreneurship in students</li> <li>Getting insight into entrepreneurial theory and practice through activities and workshops</li> <li>Organizing motivational and inspirational talks from successful Entrepreneurs</li> <li>Facilitating students to convert innovative projects into marketable products.</li> <li>Facilitating early-stage start-ups through proper mentoring</li> </ul>	<ul style="list-style-type: none"> <li>To create an entrepreneurial ecosystem in the institute where students will get motivated to take up entrepreneurship over a job.</li> </ul>
5	Future Demand for Eng. Disciplines	Green Energy	<ul style="list-style-type: none"> <li>Perform Energy Audit annually. Phasing out the tube lights used for lighting by low consumption energy-efficient LED tube lights.</li> <li>Use of energy-saving electrical appliances such as motion sensor-based electrical equipment.</li> </ul>	<ul style="list-style-type: none"> <li>Rooftop Solar panel to be installed.</li> </ul>
		Student Global Certification	<ul style="list-style-type: none"> <li>Motivate students to go for Global certification courses. Offering these certifications can add a better value to its existing education program and increase the employability and skill level of the student in local and global markets.</li> </ul>	<ul style="list-style-type: none"> <li>Faculty members should contribute to MOOC courses on Swayam and NPT</li> </ul>







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			<ul style="list-style-type: none"> <li>Faculty members teaching to 3rd year and Final year engineering students should identify such global certification programs for students</li> </ul>	
6	Eng. R&D Development	Interdisciplinary Projects	<ul style="list-style-type: none"> <li>Discover crucial, innovative research areas that involve different subjects.</li> <li>Give resources to teachers and projects in these chosen areas.</li> </ul>	<ul style="list-style-type: none"> <li>Motivate faculty members to identify potential areas and then narrow them to a small group of subjects that most teachers can work on together.</li> </ul>
		Publications	<ul style="list-style-type: none"> <li>Publications in reputed resources at the National and International Levels.</li> </ul>	<ul style="list-style-type: none"> <li>To encourage faculties to do publications in reputable resources such as SCI/SCOPUS/UGC/PubMed database.</li> </ul>
		Patents	<ul style="list-style-type: none"> <li>To make awareness related to Intellectual Property Rights by organizing workshops, and seminars to file Patent applications</li> </ul>	<ul style="list-style-type: none"> <li>To strengthen the Novel Research and Innovative ideas by filing the Patents and IPRs</li> </ul>
		Grants	<ul style="list-style-type: none"> <li>Enhance Research culture among the faculty and students. Attracting more Research projects from the reputed funding agencies.</li> <li>Applying for development grants from reputed agencies.</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen the competency of the faculty through Quality Improvement Programs and Quality Improvement Schemes and improve the qualifications of the faculty.</li> </ul>
		Organization Conference/ Workshop	of	<ul style="list-style-type: none"> <li>Organizing the Conference in collaboration with the reputed professional body</li> <li>Organizing Workshops from the Apex and other reputed bodies.</li> </ul>

  
IQAC Coordinator



  
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