




**Ajeenkya D Y Patil School of Engineering**

## Strategy Development and Deployment



Submitted to  
NAAC  
By

  
**PRINCIPAL**  
**ADYPSOE, PUNE**

**Ajeenkya D Y Patil School of Engineering, Pune.**





## Ajeenkya D Y Patil School of Engineering

### Message

I hereby express my heartfelt appreciation for the dedicated efforts and outstanding achievements of the entire Dr DY Patil School of Engineering team in formulating and implementing the Strategic Plan & Deployment for the academic years 2018-19 onwards.

It is truly commendable to witness the overall development and strategic planning reflected in the meticulous academic documentation. The innovative and novel approaches to both practical and theoretical teaching and learning have undoubtedly set a benchmark for excellence. The institute's commitment to continuous improvement and the successful realization of its vision is truly noteworthy.


I am particularly impressed by the comprehensive Academic Plan and Strategic Management, which exhibit careful planning and preparation for the academic year 2018-2019. The dedication to excellence in education is evident in the efforts to enhance the quality of teaching and learning methods. The focus on implementing best practices and fostering a culture of research and innovation is highly commendable. Moreover, the foresight to set a trajectory for the next 5 years with a dedicated assessment period speaks volumes about the institution's commitment to continuous improvement. I am confident that this approach will not only elevate the quality of education but also contribute to the overall growth and development of Dr DY Patil School of Engineering.

Lastly, the success in securing a good number of placements reflects the institution's commitment to providing students with practical exposure and ensuring their successful transition into the professional world.

I extend my best wishes to you, the IQAC, all HoDs, and the entire faculty for the successful implementation of the strategic plan. May your collective efforts continue to bring laurels to DYPSOE, making it a beacon of excellence in education and congratulate all of you once again and entrust you to impart Quality Education at DYPSOE.



Dr. Ajeenkya DY Patil  
Chairman,  
(Dr D Y Patil School of Engineering)

  
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# Ajeenkya DY Patil School of Engineering

## Preface

The vision and mission of an organization play a major role in reaching by deliberate approach, execution methods, and procedures, directing the institution in reaching standards at par with reputed institutes, for which detailed continuous planning is set in checking the present and future challenges faced in implementation and striving to reach short and long term goals are scrutinized to meet the need of the hour. The strategic plan needs careful observation of the requisite of all stakeholders and related mutual contribution in reaching the goal of upholding the reputation by keeping the trust of the organization by all stakeholders.

A document of Self-Assessment is used to check the institutional strengths, weaknesses, opportunities, and challenges of an organization putting forth a positive effort by reframing the specific needs in Academic Excellence. The institute strives to contribute to implementing various aspects of administrative potential for internal and external stakeholders and formulate the relevant methods as per the need for measurable targets.

DYPSOE- Dr DY Patil School of Engineering was Established in the year 2010, located at Charholi (Bk.) village, Pune, Maharashtra aims to lead the way in the field of Technical Education. The institute has a sprawling green lush campus with a congenial environment of education of Technical courses in Civil Engineering, Computer Engineering, Electronics and Telecommunication Engineering, and Mechanical Engineering.





# Ajeenkya DY Patil School of Engineering

**Vision:** “Empowerment through quality technical education”

**Mission:**

- To achieve excellence in teaching, learning, and research
- To impart skill-based education to meet the needs of industry and society
- To excel as a center of excellence in technical education
- To inculcate social and ethical values among the students

**Quality Policy:**


We strive to impart quality technical education through academic excellence and provide the best of facilities to satisfy the needs and expectations of the students and stakeholders.

**Core Values & Objectives:**

*Attainment of Students Excellence, Staff Excellence, and Institute Excellence.*

- Enhance professionalism with good human values.
- Encouraging students to become productive, participating citizens.
- Support the mission and vision of the Institute.
- Focus on student and stakeholder needs.
- Continuously evaluate and improve programs, services, systems, and policies
- Promote creativity and innovation in all activities.
- Recognize and support staff and student contributions.
- Create a healthy atmosphere for an effective teaching–learning process.
- Encourage interdepartmental collaboration.
- Recognize, appreciate, and celebrate the strength of diversity.
- Encouraging students to become productive, participating citizens.
- Sharing of experience, knowledge and skills.



  
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## *Strength, Weakness, Opportunity and Challenges (SWOC) Analysis*

*(As per Peer Team Report of NAAC Cycle-1)*

### **1.2 Strength, Weakness, Opportunity, and Challenges (SWOC)**

#### **Institutional Strength:**

1. Adequate physical infrastructure exists.
2. Committed Management.
3. Locational advantage being in city of Pune.
4. Committed & dedicated faculty & staff.
5. Strong administrative support to academic, cultural programs and student services.
6. Attractive urban campus with well-equipped laboratories and physical infrastructure.

#### **Institutional Weakness:**

1. Less number of students from out of state
2. Institute has not attracted externally funded research projects.
3. Lack of consultancy work.
4. Research culture is missing in the institute
5. A few faculties with Ph.D. qualification
6. Quality of publication is less & poor.


#### **Institutional Opportunity:**

1. Dr DY Patil brand name to be utilized effectively for marketing & communication.
2. Resource generation through research & consultancy
3. Attracting funded projects
4. Skill development programs for teaching & non-teaching staff progression.
5. Make DYPSOE technical institution synergizing between all stakeholders.

#### **Institutional Challenge:**

1. Availability of qualified faculties.
2. High cost of delivering program
3. Regular investment to keep pace with emerging technologies.
4. Competing with other technical institutions under Savitribai Phule Pune University.
5. Campus Placement of all students with good placement.



  
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## Strategic Goals

Dr DY Patil School of Engineering & Management team after brainstorming the Vision, Mission, Quality Policy, Core Values, Environmental Factors, and SWOC analysis has reached the step of defining the Institution's Strategic Goals for A.Y. 2018 to 2022.

1.	To revise the vision and mission of the institute in line with the industry needs & ensure the effective functioning of the institute through a revised institutional organogram.
2.	Explore and introduce new disciplines based on local & global needs.
3.	Well-planned curriculum, implementation, and robust feedback mechanism. Introduce a Learning Management System (LMS)
4.	To foster new research collaborations and research & innovation ecosystem. Resource Mobilization for Research & Publications
5.	To strengthen the infrastructure and learning resources.
6.	To promote industry partnerships and consultancy
7.	To increase the involvement of students in research & consultancy
8.	To ensure quality initiation, quality enhancement, quality sustenance, & quality assurance through IQAC
9.	Technology adoption in Teaching-Learning Evaluation.
10.	To strengthen curriculum planning & implementation
11.	To strengthen the student's support system and alumni Engagement
12.	To ensure good governance, leadership, and management.
13.	To participate in various accreditations, certifications & rankings
14.	To conduct regular quality audits and ensure progressive improvement.
15.	To obtain ISO Certification
16.	To obtain NABL Accreditation
17.	To obtain NBA accreditation
18.	To obtain academic & administrative autonomy.



  
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## Strategic Planning, Implementation and Monitoring for the Academic Year 2017-18, 2018-19, 2019-20, 2020-21, 2021-22, 2022-23.

Sl. No.	Measuring Parameters	Planning	Implementation	Monitoring
1	Effective Teaching Learning Process	<ul style="list-style-type: none"> <li>Academic planning and preparation of Academic Calendar</li> <li>Development of teaching plan as per OBE</li> <li>Preparation of Lesson Plan based on CO &amp; PO mapping</li> <li>Use of more teaching aids and adopt more ICT</li> <li>Development of e-learning resources</li> <li>Promote research culture &amp; facilities</li> <li>Provide mentoring and personal support &amp; follow a transparent and fair feedback system</li> <li>Conduct training based on need analysis evaluation parameters and benchmarking</li> <li>Continuous assessment to measure outcomes.</li> <li>Performance assessment &amp; action taken</li> </ul>	<ul style="list-style-type: none"> <li>No. of teaching aids</li> <li>Syllabus completion</li> <li>Mini projects, Major projects, Seminars</li> <li>No. of learning resources</li> <li>No. of student counseling/mentoring/training sessions conducted.</li> <li>Result of examinations (Pass, First classes, Distinctions)</li> <li>Graduate attribute attainment levels</li> <li>student feedback</li> </ul>	Principal, HODs, Faculty and Staff
2	Leadership and Participative Management	<ul style="list-style-type: none"> <li>To follow reporting structure</li> <li>Decentralize the academic, administration and student-related authorities &amp; responsibilities</li> <li>Prescribe duties, responsibilities and accountability</li> <li>Portfolio assignments</li> <li>Establishment of functional committees</li> </ul>	<ul style="list-style-type: none"> <li>Reporting structure in place</li> <li>Decentralization in various domains - academic, administration, staff welfare, student development, infrastructure management –appointments - code of conduct - duties, responsibilities, and accountability</li> <li>Functional of statutory committees – no. of meetings/semester, minutes of meetings</li> <li>Planning &amp; implementation</li> </ul>	Principal, HODs, Faculty
3	Internal Quality Assurance System	<ul style="list-style-type: none"> <li>Establishment of IQAC done</li> <li>Framing of Quality Policy, Process Manuals &amp; Standard Operating Procedures &amp; publishing regularly</li> <li>Formation of Quality Monitoring Committee &amp; functioning</li> <li>Educating and training of all employees</li> <li>Periodic check &amp; guidance for quality improvement</li> </ul>	<ul style="list-style-type: none"> <li>Number of IQAS initiatives/semester</li> <li>Audits Reports</li> <li>AQAR submission</li> </ul>	IQAC team

  
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		<ul style="list-style-type: none"> <li>Establishment of an audit team and process</li> <li>Audit for remedial measures</li> <li>Promoting best practices</li> <li>Annual report preparation &amp; submission</li> </ul>		
4	<b>Good Governance</b>	<ul style="list-style-type: none"> <li>Vision, Mission development &amp; their articulation in every key position</li> <li>Inclusion of industrialists &amp; academicians in the GB, CDC &amp; IQAC &amp; DAB</li> <li>Evaluation of Institute's performance and benchmarking</li> <li>Institutional strategic goals setting</li> <li>Institutional Strategic development plan Monitoring and Implementing the Quality Management Systems</li> <li>Following organizational structure</li> <li>Smooth Working of statutory committees</li> <li>Establishing e-governance</li> <li>Leadership development through decentralization</li> <li>Establishing an internal audit committee</li> <li>Code of conduct and policy formulation, approval and implementation</li> <li>Establishing fair and transparent performance appraisal system</li> </ul>	<ul style="list-style-type: none"> <li>GB selection (Inclusion of Academicians &amp; Industrialist)</li> <li>No. of GB meetings</li> <li>Vision Mission, Dissemination &amp; Review</li> <li>Organizational structure in place</li> <li>Degree of decentralization</li> <li>Degree of e-governance</li> <li>Resource mobilization</li> <li>Staff appraisal in place</li> <li>Service rules &amp; benefits</li> </ul>	Principal, HODs
5	<b>Student's Development and Participation</b>	<ul style="list-style-type: none"> <li>Budget allocation for student development programs and activities</li> <li>Students Trainings &amp; Placement Activities</li> <li>Formation of student council</li> <li>Student's representation in various committees and cell</li> <li>Participation in competitions</li> <li>Organizing competitions</li> <li>Rewards &amp; recognitions of achievers</li> <li>Participation in extracurricular activities</li> <li>Participating in social and welfare activities</li> </ul>	<ul style="list-style-type: none"> <li>Number of student participation</li> <li>Number of sports, technical, and cultural events organized</li> <li>Regional, National &amp; International competitions participated.</li> <li>Regional, National &amp; International recognitions received.</li> <li>Sports infrastructure provided.</li> <li>Funding for sports</li> </ul>	Principal, HODs, Admission team, Students section, Sports Director



  
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6	<b>Staff Development &amp; Welfare</b>	<ul style="list-style-type: none"> <li>Recruitment Policy formation &amp; implementation</li> <li>Staff performance evaluation system</li> <li>Staff Training for quality improvement</li> <li>Best possible work facilities &amp; infrastructure facilities</li> <li>Code of conduct, service rules &amp; leave rules &amp; Staff welfare policy</li> </ul>	<ul style="list-style-type: none"> <li>Number of Staff attending training programs</li> <li>Staff training programs organized.</li> <li>Sponsorships for higher education</li> <li>Number of staff welfare programs</li> </ul>	Chairman & Principal
		<ul style="list-style-type: none"> <li>implementation</li> <li>Career advancement schemes</li> <li>Rewards, recognitions and incentives</li> <li>Deputation for seminars, conferences and workshops etc.</li> <li>Sponsorship/ Motivation for qualification improvement</li> <li>Support for research, consultancy, innovations</li> </ul>	<ul style="list-style-type: none"> <li>Staff awards/ recognitions/ incentives</li> </ul>	
7	<b>Financial Management</b>	<ul style="list-style-type: none"> <li>Framing &amp; implementation of Purchase and Financial Policies</li> <li>Department Budget planning and allocation</li> <li>Forecasting income &amp; expenditure</li> <li>Effective functioning of the purchase committee</li> <li>Plans for Emergency Fund</li> <li>Budget formulation &amp; approval through Finance Committee</li> <li>Periodic Audit</li> </ul>	<ul style="list-style-type: none"> <li>Annual Budget forecasting income &amp; expenditure</li> <li>Utilization / Allocation of funds</li> <li>Internal &amp; External Audit</li> </ul>	Principal, Secretary
8	<b>Industry-Institute Interaction</b>	<ul style="list-style-type: none"> <li>Formation of industry institute interaction cell</li> <li>Memorandum of Understandings (MoU) with industries</li> <li>Support for internships, visits, trainings, guest lectures</li> <li>Identifications of industry needs and advice on Curriculum for extra courses apart from curriculum.</li> <li>Providing opportunities for Industry based/sponsored projects</li> <li>Providing career guidance</li> <li>Strengthen training &amp; placement</li> <li>Establishing innovation centers</li> </ul>	<ul style="list-style-type: none"> <li>No. of active MOUs</li> <li>No. of Initiatives/activities through MOUs</li> <li>No. of IIIC meetings/ year</li> <li>No. of Initiatives / contributions by IIIC</li> </ul>	Principal, HODs



  
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9	<b>Entrepreneurship</b>	<ul style="list-style-type: none"> <li>Establishment of Entrepreneurship Development Cell</li> <li>Effective functioning of entrepreneurship development Cell</li> <li>MoUs with organizations for entrepreneurship development</li> <li>Providing training &amp; guidance for entrepreneurship development</li> <li>Bringing more experts in the field for seminars, lectures, and workshops for entrepreneurship development</li> <li>Establishing incubation centers</li> <li>Promoting, sponsoring and facilitating entrepreneurship development</li> </ul>	<ul style="list-style-type: none"> <li>No. of entrepreneurship training organized /participated</li> <li>No. of graduates becoming entrepreneurs</li> <li>Activities of incubation center</li> </ul>	Principal, TPO & HODs
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10	<b>Research and Innovation</b>	<ul style="list-style-type: none"> <li>Dedicated R &amp;D facilitation center</li> <li>Establish and develop Laboratories with more research facility</li> <li>Fund generation through Project proposals</li> <li>Apply for Government/ Non-Government industry, sponsored funds</li> <li>Collaborations with Government and private Institutes, Universities, and Research Organizations</li> <li>Applying for a patent</li> </ul>	<ul style="list-style-type: none"> <li>Establishment of R&amp;D Lab</li> <li>Getting funds from funding agencies</li> <li>Improve Publications</li> <li>Participation in Conference &amp; Seminars</li> <li>Proposal &amp; Organizing Conference &amp; Seminars</li> </ul>	Principal, HODs, R&D Team
11	<b>Internal Revenue Generation</b>	<ul style="list-style-type: none"> <li>Establishing infrastructure for revenue generation</li> <li>Identification and Strengthening of IRG activities</li> <li>Policy for Incentives for Revenue generation plans</li> <li>Successful implementation of Internal revenue generation plans</li> <li>Advertising &amp; marketing</li> </ul>	<ul style="list-style-type: none"> <li>Industry Sponsorships</li> <li>Funding raised through sponsored Projects.</li> <li>Consultancy /Testing Services,</li> <li>Alumni Contribution</li> <li>Philanthropy- Donations</li> </ul>	Principal, HODs
12	<b>Alumni Interaction</b>	<ul style="list-style-type: none"> <li>Formation of Alumni association, participation and registration</li> <li>Database creation, Regular interactions with alumni, and networking</li> <li>Recognition of successful alumni</li> <li>Leverage for guest lecturers/internships/placements/training/ entrepreneurship</li> <li>Exploring Contributions</li> </ul>	<ul style="list-style-type: none"> <li>Alumni database</li> <li>Number of interactions</li> <li>Support for internships/placements/ projects/ consultancy</li> <li>Contribution towards students development</li> </ul>	Principal, HOD, Alumni Team






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		<ul style="list-style-type: none"> <li>Brand ambassadors</li> <li>Sponsorships/scholarships/fund generation</li> </ul>		
13	<b>Community Services and Outreach Activities</b>	<ul style="list-style-type: none"> <li>Budget from institution resources/Faculty/ students/ other donors</li> <li>Identify community and social development work</li> <li>Identify challenges of society for development work</li> <li>Provide vocational training /job-oriented training as per local needs at the institute</li> <li>Educational support to village people</li> <li>Conducting awareness camps</li> </ul>	<ul style="list-style-type: none"> <li>Number of training/ awareness camps provided</li> <li>Number of social projects undertaken</li> <li>Number of Skill development programs for weaker sections</li> <li>Number of social welfare or outreach programs done</li> <li>Number of people who benefited from each program</li> </ul>	Principal, HOD, NSS team
14	<b>Physical Infrastructure</b>	<ul style="list-style-type: none"> <li>Infrastructure building development &amp; modification</li> <li>Smart Classrooms, Tutorials, Seminar halls</li> <li>Modernization of Laboratory &amp; equipment</li> <li>More ICT enabled</li> </ul>	<ul style="list-style-type: none"> <li>Number of classrooms added</li> <li>Removal of obstacles</li> <li>New Laboratories added</li> <li>New equipment added</li> <li>Annual budget allocated &amp;</li> </ul>	Chairman & Members of GB, Secretary
		classrooms <ul style="list-style-type: none"> <li>Library infrastructure upgradation</li> <li>System upgradation</li> <li>Functional facilities for e-learning</li> <li>Safety &amp; Security Management</li> <li>Water facility &amp; Medical facility</li> <li>Developing sports (indoor/outdoor) facilities</li> <li>Plantations &amp; Rainwater harvesting</li> <li>Renewable Energy usage</li> <li>Hygiene, zero plastic &amp; green campus</li> <li>Recycling of water</li> </ul>	utilized <ul style="list-style-type: none"> <li>Harvesting and recycling of water</li> <li>Renewable energy source development</li> <li>Green initiatives</li> </ul>	Trustee Board, GM, Deputy Manager/ Director
15	<b>Student Development Activity in Placements</b>	<ul style="list-style-type: none"> <li>Placement Drive for the passed out students</li> <li>Giving required training to students as per Company requirements</li> <li>Conduct Career Guidance to students</li> </ul>	<ul style="list-style-type: none"> <li>Number of career guidance training</li> <li>Number of skill development programs</li> <li>Number of vocational training</li> <li>Number of placement drives organized</li> <li>Number of placement drives participated</li> <li>Number of placements</li> </ul>	Principal, HOD, TPO




  
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16	<b>Accreditation NAAC</b>	<ul style="list-style-type: none"> <li>Planned to go for NAAC SSR Submission in 2022-23</li> </ul>	<ul style="list-style-type: none"> <li>Working for it; yet to submit in the month of December- 2023</li> </ul>	Principal, IQAC, HOD, Faculty
17	<b>Certification by an International Organization for Standardization (ISO)</b>	<ul style="list-style-type: none"> <li>In AY: 2019-20 Planned to get Quality Management System (QMS) ISO 9001:2015 and Management System for Educational Organization ISO 21001:2018</li> </ul>	<ul style="list-style-type: none"> <li>We received Two ISO Certification</li> <li>Continue efforts will be made for subsequent surveillance audits</li> </ul>	Chairman, Principal, HOD, Faculty
18	<b>Certification by NABL</b>	<ul style="list-style-type: none"> <li>In AY: 2019-20 Planned to get accreditation by NABL</li> </ul>	<ul style="list-style-type: none"> <li>We received NABL accreditation in AY 2021</li> </ul>	Chairman, Principal, HOD, Faculty
19	<b>Commitment of Final Year Result</b>	<ul style="list-style-type: none"> <li>For AY 2018-19 to 2022-23, Average result of passed students is 91.2%</li> </ul>	<ul style="list-style-type: none"> <li>Subject revision as per students' demand and discussion of previous Question Papers.</li> </ul>	Principal, HOD, Faculty



  
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## Strategic Planning (2018-2022)

Strategic Goal	Strategic Planning
Good Governance	<p>Governing Body:</p> <ul style="list-style-type: none"> <li>▪ Supervisory and approving policy matters, Staff Recruitments, annual budgets</li> <li>▪ Evaluation of institutions' academic performance and benchmarking.</li> <li>▪ Smooth Working of statutory committees.</li> </ul>
	<p>Vision, Mission, and Institution Strategic Goals:</p> <ul style="list-style-type: none"> <li>▪ Vision, Mission progress &amp; their delivery.</li> <li>▪ Setting short-term and long-term goals.</li> <li>▪ Institutional Strategic development plan.</li> </ul>
	<p>Leadership &amp; Transparency management:</p> <ul style="list-style-type: none"> <li>▪ Policies formulation, approval &amp; implementation.</li> <li>▪ Service Rules circulations</li> <li>▪ Student &amp; Staff Grievance Redressal mechanism</li> <li>▪ Decentralization of leadership management</li> <li>▪ Implementation e-Governance in administrative, Student support, etc.,</li> </ul>
	<p>Internal Quality Assurance Cell &amp; Accreditation:</p> <ul style="list-style-type: none"> <li>▪ Monitoring</li> <li>▪ Conduct an internal audit committee to monitor compliance.</li> <li>▪ Systems, checks and balances, Remedial measures.</li> </ul>
Rankings, Accreditations, Certifications	<ul style="list-style-type: none"> <li>▪ Discussion in the Governing Body, CDC about participation in various rankings, accreditation &amp; certifications.</li> <li>▪ Resource planning &amp; budget approval for quality initiatives.</li> <li>▪ Preparation for the Accreditation &amp; and certifications.</li> </ul>





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Physical Infrastructure	<ul style="list-style-type: none"> <li>▪ Upgrade the Classrooms, Tutorials, Seminar halls, conference halls.</li> <li>▪ State of the art Laboratory &amp; equipment</li> <li>▪ Up gradation Library infrastructure &amp; e-learning</li> <li>▪ Emerging sports (indoor/outdoor) facilities</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Strengthen Hobby clubs &amp; Canteen facilities.</li> <li>▪ Increasing Transport facilities</li> <li>▪ Rainwater harvesting and plantations.</li> <li>▪ Developing facilities to improve the energy saving &amp; management.</li> <li>▪ Solid waste management (zero plastic usage)</li> <li>▪ Developing facilities for efficient usage of recycled wastewater.</li> </ul>
Teaching & Learning	<ul style="list-style-type: none"> <li>▪ The improvements in teaching &amp; learning infrastructure keeping in line with the changing pedagogy and its implementation like aggressive adoption of ICT through improved facilities in classrooms, e-classrooms, skill development centers, laboratories, library, Wi-Fi enabled classrooms.</li> <li>▪ Innovation Ecosystem to support research culture.</li> </ul>
Library & Information Centre	<ul style="list-style-type: none"> <li>▪ Budget allocation for library &amp; information center.</li> <li>▪ Books, journals procurement, storage, and retrieval</li> <li>▪ Digitization of Library resources</li> <li>▪ Resources automation &amp; Access (24X7)</li> </ul>
Industry & Institute Collaborations	<ul style="list-style-type: none"> <li>▪ Formation of industry institute interaction cell</li> <li>▪ Identify branch-wise preferred industries &amp; companies.</li> <li>▪ Identification of potential areas of research</li> <li>▪ MoUs with industries</li> <li>▪ Support for internships, visits, trainings, guest lectures</li> <li>▪ Providing opportunities for Industry based/sponsored projects.</li> <li>▪ Providing career guidance &amp; Strengthen training &amp; placement.</li> <li>▪ Establish centers of excellence &amp; skill development centers.</li> </ul>





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	<ul style="list-style-type: none"> <li>Professional bodies membership.</li> </ul>
Internal Quality Assurance & Assessment cell	<ul style="list-style-type: none"> <li>Setting up of IQAC team</li> <li>Intermittent checks and guidance</li> <li>Recognizing achievements &amp; best practices</li> <li>Choose an accreditation/certification agency.</li> <li>Establish academic audit process &amp; audit teams.</li> </ul>
Research & Development	<ul style="list-style-type: none"> <li>Enhancing R&amp;D laboratory</li> <li>Dedicated R&amp;D facilitation &amp; documentation center.</li> <li>Competent technical staff for R&amp;D labs.</li> <li>Establishing a center of excellence.</li> <li>Establishing Consultancy cell.</li> <li>Startup of maker Space – Product and development.</li> <li>Focus on Product development. Starting of patent cell.</li> <li>Patent filing, Scaling up &amp; commercialization.</li> </ul>
Training & Placement	<ul style="list-style-type: none"> <li>Setups dedicated T&amp;P Team.</li> <li>Conduct Awareness Programs</li> <li>Conduct Value added Programs.</li> </ul>
MOUs and relationship management	<ul style="list-style-type: none"> <li>Internships planning and execution.</li> <li>Developing Data base of various potential industries/companies.</li> <li>Modernization of infrastructure (Videoconferencing, interview &amp; conference rooms).</li> </ul>
Entrepreneurship	<ul style="list-style-type: none"> <li>Establishment of dedicated EDP cell.</li> <li>Identification of emerging areas of entrepreneurship.</li> <li>Identify interested students for entrepreneurship.</li> <li>Identify mentors from successful entrepreneurs from Alumni/others.</li> <li>Formal training on entrepreneurship.</li> </ul>

  
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Alumni Interaction	<ul style="list-style-type: none"> <li>Strengthen Alumni association and engagement.</li> <li>Establish an alumni association office on campus and engage students.</li> <li>Database updating and alumni interactions</li> <li>Establish global chapters and networking</li> </ul>
Social Activities	<ul style="list-style-type: none"> <li>Study rural projects and challenges under NSS/NCC/UBA.</li> <li>Conduct awareness programs in villages/ communities.</li> <li>Conducting health awareness camps &amp; Blood Donation camps.</li> </ul>

## Strategy Implementation and Monitoring


Strategic development plan once approved by Governing Body and the progress shall be measured from time to time through the IQAC. Hence the measurable success indicators are clearly spelt out in the implementation document. The principal along with academic members and other team member will be the custodian for the strategic plan and its deployment.

### Implementation at the Institute level

#### Statutory and Non-Statutory Committees/Cell

Sr. No.	Committees/Monitoring Authorities
1	Governing Body (GC)/Board of Governors
2	College Development Committee (CDC)
3	Internal Quality Assurance Cell (IQAC)
4	Anti-Ragging Committee
5	Internal Complaint Committee (ICC)
6	SC/ST- OBC Grievance Redressal Committee
7	General Grievance Redressal Committee
8	Finance Committee (Including budget and purchase)
9	Academic Development and Monitoring Committee
10	Innovation Ecosystem (IE): Intellectual Property Right Cell(IPR), Institutional Innovation Council (IIC) &



  
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	Entrepreneurship Development Cell
11	Industry & Institute Interaction Cell (IIIC)
12	National Service Scheme (NSS)
13	Student Development Cell (SDO)
14	College Examination Committee (CEO)
15	Training & Placement Cell (T&P)
16	Admission Committee
17	NPTEL Committee
18	Hostel Committee
19	Library
20	Newsletter Committee
21	Canteen Committee
22	LMS & ERP Committee
23	Website Updation Committee
24	Event Support Committee
25	Eco Friendly Awareness Committee
26	Staff Welfare Awareness
27	Cultural Committee
28	R & D Cell
29	Consultancy Cell
30	Faculty Development Cell
31	Students Development Cell
32	NEP- 2020 Cell
33	Alumni Cell
34	Women Empowerment Cell
35	Competitive Examination Cell
36	Sports Committee





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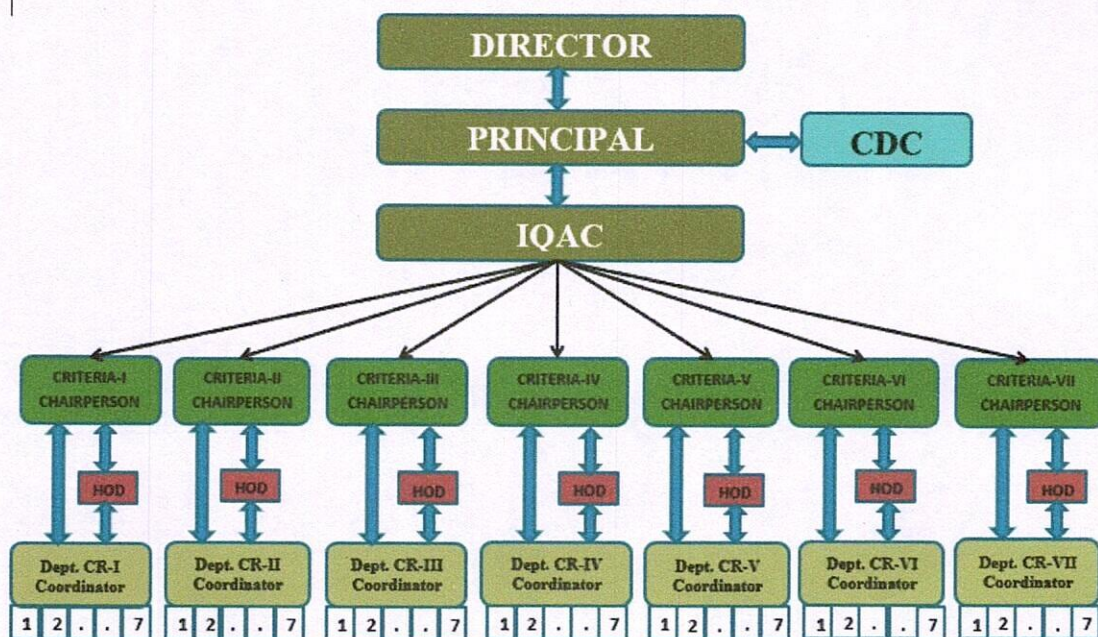
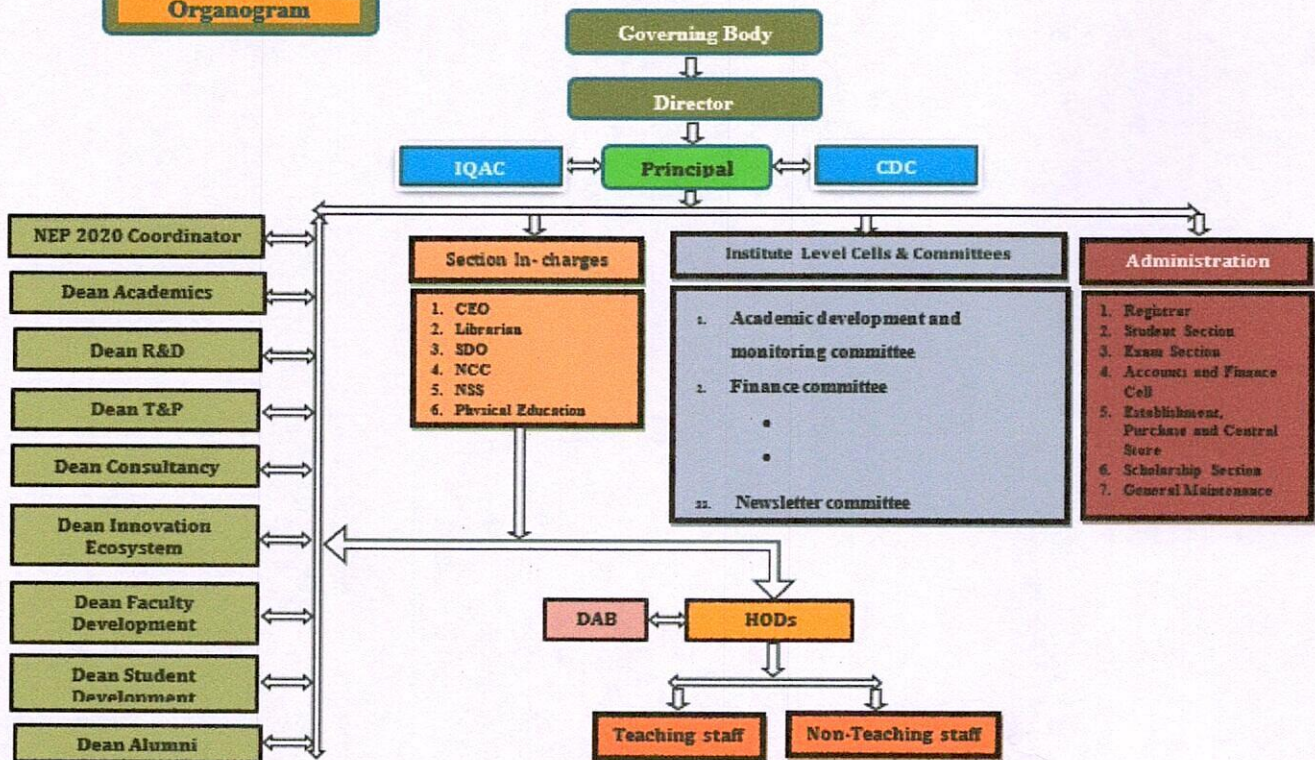


"Empowerment through Quality Technical Education"

**AJEENKYA**

**DY PATIL SCHOOL OF ENGINEERING**

## Organogram



## IQAC Working Model





# Ajeenkya DY Patil School of Engineering

## Measurable during Implementation

Strategic Goal	Deployments
Good Governance	<ul style="list-style-type: none"> <li>Governing Body selection</li> <li>Vision and Mission reviews, Number of meetings conducted.</li> <li>Polices implementation. Student &amp; Staff procedure.</li> <li>Service &amp; Conduct Rules, ERP implementation, etc.,</li> </ul>
Infrastructure and facilities	<ul style="list-style-type: none"> <li>Upgraded all the computers. Strengthen WI-FI Facility.</li> <li>The entire campus installed CCTV cameras and fire safety equipment on each floor of the block.</li> <li>Adequate infrastructure is developed for extracurricular activities.</li> <li>Established RO Unit and Potable water supply through coolers, and dispensers are made available in every floor and block</li> </ul>
Teaching & Learning	<ul style="list-style-type: none"> <li>Number of learning resources &amp; student centric methods such as experiential &amp; participative learning.</li> <li>Number of student counseling/mentoring/training sessions conducted.</li> <li>Result of examinations (Pass, First classes, Distinctions)</li> <li>Graduate attribute attainment levels, Student feedback</li> <li>Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution.</li> </ul>
Industry & Institute Collaborations (MOUs)	<ul style="list-style-type: none"> <li>Total 32 MOU's done at institute and department level with different industries and organizations Like IIT-Kanpur, ExcelR Solutions, G2G Innovations LLP, Digital Parv Social Venture, Jamboore Education Pvt. Ltd etc..</li> </ul>
Skill Development	Capacity building & Skill enhancement programs conducted for better employability through various activities ,ATS center of Excellence, Society for data science, ExcelR Solutions etc.
Student Clubs	<ul style="list-style-type: none"> <li>Established 26 Students Clubs to provide platforms for overall development of student.</li> </ul>
Research & Development	<ul style="list-style-type: none"> <li>Established Innovation Ecosystem to support Idea generation, IPR and Entrepreneurships.</li> </ul>
Training & Placement	<ul style="list-style-type: none"> <li>Every Year Conducted Campus Recruitment Training &amp; Placement drives.</li> </ul>
Ranking	<ul style="list-style-type: none"> <li>Participated in NIRF Ranking every year, Ranked in band (250-300) in 2021</li> </ul>






# Ajeenkya DY Patil School of Engineering

Accreditation & Certification	<ul style="list-style-type: none"><li>▪ The institution is NABL accredited &amp; ISO certified with ISO 9001:2015, ISO 21001:2018.</li></ul>
Green Initiative	<ul style="list-style-type: none"><li>▪ 630 kw of power generated roof top solar plant is installed.</li><li>▪ Biogas Plant is installed.</li><li>▪ Replacement with tube lights with sensor based LED lights</li><li>▪ Established EV Charging Station in the campus.</li><li>▪ Received a GOLD Certificate from Energy Swaraj Foundation for make 1000+ People energy literate.</li><li>▪ Conducted Environment, Energy, Green Audits &amp; its compliances.</li></ul>

## Monitoring Process

*The Principal, Academic Development Team and other committees will monitor the implementation of the strategic plan in scheduled frequency. The various committee in-chargers will prepare the detailed cumulative improvement report. The IQAC committee intermittently monitors the evaluation & attainments of strategic plan and checks the quality of academics. The IQAC will report the findings to the College Development Committee and Governing Body. Based on IQAC report, the CDC and Governing Body committee will recommend the remedial actions, need of further processes and deployment of resources.*



  
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## Conclusion

*The effective implementation of our strategic plan is meticulously designed to tackle every obstacle that stands between us and our educational goals at Dr DY Patil School of Engineering. The strategic plan serves as our guiding framework, directing the institute to exert maximum effort and dedication in a focused and purposeful manner. Within this structured approach, collaboration with our stakeholders becomes paramount. Faculty, students, administrators, and external partners are integral contributors, working hand in hand to navigate the path toward our envisioned goals. Central to our working policy is the incorporation of quality suggestion implementation. Therefore, a culture of continuous improvement is fostered, with every suggestion contributing to the refinement of our academic plans. Administrative skills play a pivotal role in the execution of our strategic plan. Recognizing this, we emphasize the development of administrative skills throughout different phases of our academic plans.*

*Crucially, our commitment to quality extends to the strict adherence to the guidelines set by the Internal Quality Assurance Cell (IQAC). This commitment ensures that our educational strategies align with and exceed the high standards laid out in the IQAC quality implementation guidelines.*

*In essence, our strategic plan is not merely a document; it is a dynamic and holistic approach that addresses challenges, encourages collaboration, welcomes improvement, and upholds the highest standards of quality. Through the implementation of this plan, we aspire to forge a path towards educational excellence at Dr DY Patil School of Engineering.*

