



## *Internal Quality Assurance Cell (IQAC)*

### 6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities.



*Submitted to NAAC*

*By*

**PALLAVI ENGINEERING COLLEGE (PEC)**

**HYDERABAD**



## Internal Quality Assurance Cell (IQAC)

### *IQAC Perspective Plan ~ 2020-2025*

### *Quality Assurance Strategies, Processes, Structures & Methodologies of Operations*



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## Internal Quality Assurance Cell (IQAC)


### Perspective Plan for 2020-2025

The Internal Quality Assurance Cell (IQAC) of the institution is involved with various aspects of institutional policy making and planning process round the year, as per fulfillment of the vision of the institution. This includes both academic as well as administrative activities. Principal and IQAC Coordinator actively coordinates in the policy making process on an every academic progress. The In the IQAC Core Committee meetings policy planning aspects are discussed and appropriate resolutions adopted as per needs and requirement.

The perspective plan focusing on the institutional growth with a recent initiative for the period from 19 August 2020 to 31 May 2025, which has been duly, approved by the college Governing Body, Initiating the various strengths, Research focus and challenges, identifying the weakness and opportunities of the institution.

### CURRICULAR ASPECTS

- To get the new post-graduate and under-graduate programs in various departments as per latest terminology for students.
- To introduce innovative creation based value-added/ career-oriented /short term courses.
- To conduct academic programs through collaborative mode with high standard industry and institution.
- To collect stakeholder feedback and implement the suggestions through advance training programme as per the needs for the survival of students after completion of the programme.
- To conduct academic audit every academic year ending for analyzing the progress.
- All Academic activity can done with efficient and capable faculty through Appointment of teachers having high standard educational background and professional competencies, through a fair mode of selection process Taking necessary steps to upgrade different departments.
- Taking initiative to introduce various add-on courses related to UG programs in departments having Diploma programs and also PG programs.

  
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- To join with the AICTE startup & MHRD, the Entrepreneurship Development Cell will motivate the student to develop the startup ideas. The innovative ideas and projects are suggested to file the patent under the IPR cell recommendation.
- To conduct the Student Exchange Programs and Faculty Exchange Programs through signing and execution of MoUs, Assessing the outcomes of stakeholder feedback on curriculum and academic.
- Regular audit processes are adopting for proper remediation measures and proper monitoring of the teaching-learning process through involvement of the Departmental Advisory Committees (DAC) in every department.
- The DACs are frequently doing analytical discussions on the departmental examination results and make involvement of maximum student attendance in the classes.
- The Programme Assessment Committee Chairperson wills measures and ensuring the completion of syllabi by all course instructors in every semester.

## LEARNING RESOURCES

To create Innovative academic infrastructure through ICT facilitated classrooms, smart classrooms, computers with high speed internet connection, Smart boards, E-learning resources, well equipped laboratories, etc.

To renovate and enhance the departmental laboratories with advance equipment and simulation software. Purchase of more computing and other laboratory equipment.

To provide Hi-Fi accessibility for all students in campus.

Making awareness of various student centered-learning programs through collaborative mode.

To make optimal use of the Research Laboratory, Center of Excellency lab, etc for both faculty and students.

To handle various methodologies and provide easy access to all students from various forms of e-learning resources that are available in different platforms.

Construction of more academic building blocks/annexes to accommodate the departmental modifications.

Motivation given to the faculty and students to get involved with the MOOCs courses and online courses.



## INFRASTRUCTURE UP GRADATION

To renovate various academic, administrative, hostel buildings and also up grading indoor and outdoor sport facilities.

- To formulate the office work with an effective functioning mechanism
- To make procedures for establish an institutional Records Room
- To provide a designated and secured parking space for vehicles
- To provide high band width LAN arrangements for the computers in all academic Departments, office, laboratories, hostels and the IQAC.
- Intake capacity of the existing girl's hostel will be increased
- Maintain proper stock records and purchase sports/games equipments
- Acquirement of govt. fund for construction our certain blokes like hostel, Auditorium, academic blocks, boundary walls, etc.
- Providing Usable open spaces like grounds, lawns, and pedestrian paths by filling vacant and open spaces Setting up a vermin/ heap-composition pit and biogas plant for efficient waste management Setting from the college canteen and college hostel.
- Procure of all office items/ materials in a centralized procedure and maintain the stocks properly

## STUDENT SUPPORT AND PROGRESSION

- To provide a proper guidance for slow learning students to get best career through counseling, remedial classes, tutorial classes.
- Motivating advanced learning students for competitive exams and higher study preparation.
- To functionalize the Entrepreneurship Development Cell and initiate Programs for the greater benefits to the students
- Organise the various programs like of career-oriented talks, training programs, campus placement interviews, job-oriented programs, etc.
- To assemble the vast alumni community for improving quality and quantity up-gradation of the college, through setting up of active alumni committee at departmental levels and merging those at a later date into a centralized body
- To arrange the facilities for educational tour, practical training and industrial visits for students of all departments and streams
- To provide well facilitate common rooms for students

  
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- To functionalize and implement various student welfare and financial support schemes
- To conduct different faculty and student exchange programs through various MoUs
- To set up an efficient centralized student counseling mechanism to resolve various stress-related issues.

## RESEARCH AND EXTENSION ACTIVITIES

- To motivate and inspire faculty members for availing research projects under various funding bodies both government and non government agencies.
- Encourage the faculty for attending and presenting papers in various academic events like conferences/seminar/workshops etc by making policies to extent financial support.
- To conduct extension programs in collaborative manner with various stakeholders.
- To undertake various welfare programs in the organizations/villages adopted by the college.
- Implement various inter-disciplinary research projects by making use of the institutional infrastructure as well as of developing student's career and also collaborate with external organizations by getting MOUs.
- To put forward persistent efforts to obtain/ receive grants from different funding agencies like UGC, DST, CSIR, AICTE, SERB, etc. and other non-governmental sources.
- Encouraging conducting awareness programs mainly focusing upon health, hygiene, environment, cleanliness and other safety issues.

  
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## GOVERNANCE, LEADERSHIP AND MANAGEMENT

- To develop and sustain optimum number of statutory and non-statutory in-house bodies to deal with the wide range of day to day academic and administrative tasks
- To frame finance supporting policies to encourage the faculty to attend various faculty development/ short term teacher training programs.
- To construct a formal annual performance appraisal scheme for all teaching and non-teaching staff.
- To conduct internal/ external quality audits at regular intervals, viz. Academic Audit, Administrative Audit, Green Audit, Water Audit. Energy Audit, Environment audit etc.
- To undertake qualitative assessment like NIRF ranking, ISO certification, NAAC, NBA etc.
- Distribution of tasks in the in-house bodies as per capabilities to the institutional fraternity for achieving optimum performance levels Promotion of e-governance in the matter of academic discourses, administrative domain, feedback acquisition and grievance through optimum usage of available ICT tools.
- Adoption and implementation of an effective Learning Management System (LMS) with a view towards coordination, control, analysis and visualization of institutional information

  
Coordinator IQAC

  
Chairperson / IQAC

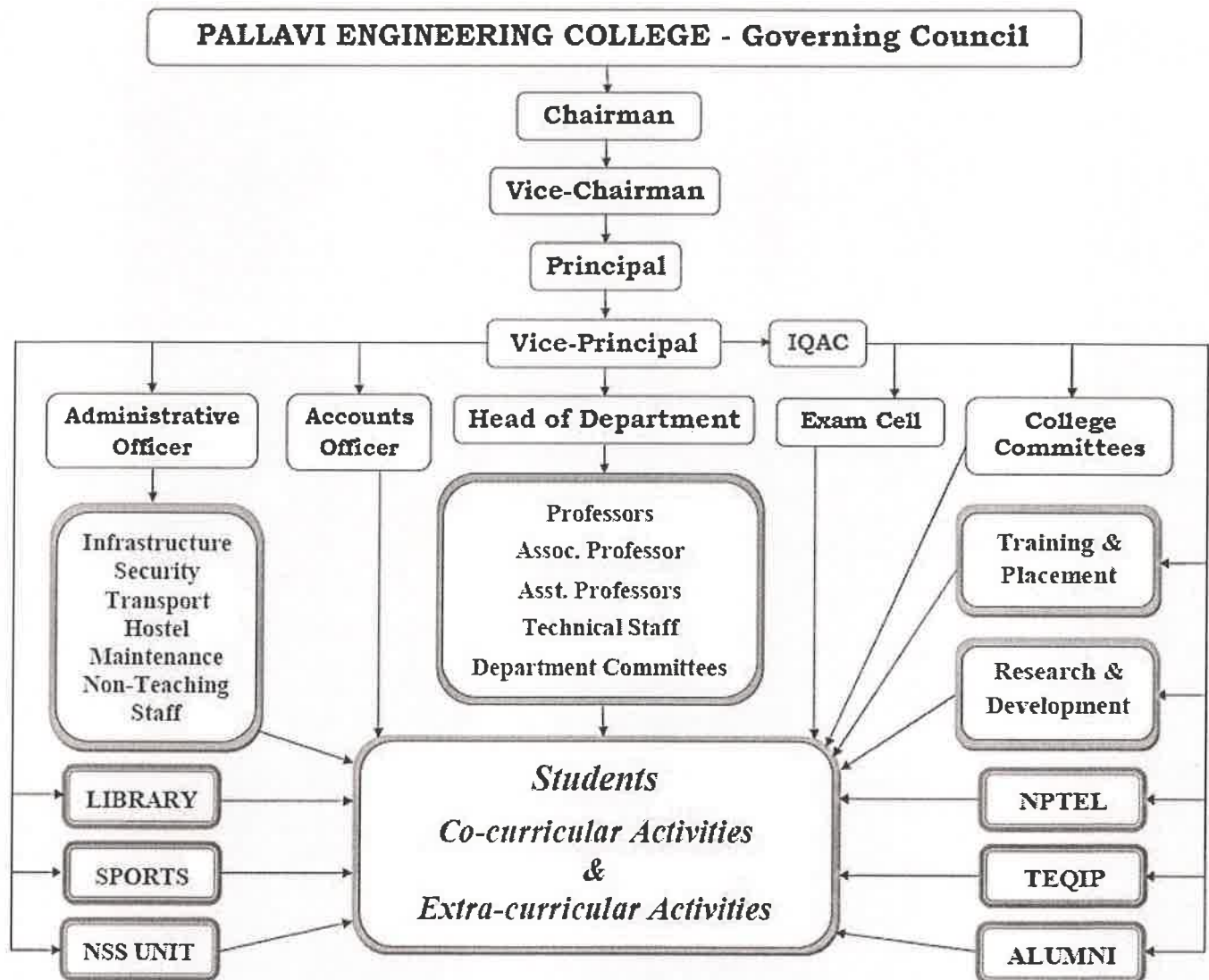


Copy to : Chairman  
Director  
Principal  
IQAC Cell  
& All HOD.S

  
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## Functional Organizational Structure



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

### *Institutional Strengths:*

*The institution is located in a lush green, serene environment. Easy communication by Nagole Metro Station.*

- 1. The Institution has well-qualified, experienced and dedicated faculty.*
- 2. Well-built and excellent infrastructure with spacious labs and sports arena WI-FI enabled campus.*
- 3. The institution is certified with ISO 9001:2015 and ISO 14001:2015.*
- 4. The institution adopts innovative teaching-learning methodologies*
- 5. Authorized remote centers of IIT-Bombay, IIT-Kharagpur, and NITTTR.*
- 6. Installed with ICT tools, Centre of Excellence and CRT program for professional teaching. Various ICT tools are used in the teaching-learning process.*
- 7. Encourage student's participation in community-based programs organized by NSS*
- 8. Increasing social responsibility through various committees like Street Cause, Eco club and other various clubs.*
- 9. Smooth academic administration with 43 support systems*
- 10. The computer labs and other requirements are equipped with a 1:2 ratio.*
- 11. Monitoring the disciplinary actions through the Anti-ragging committee, Grievance redressal and student disciplinary committee.*
- 12. Ragging-free, plastic-free and tobacco-free campus.*
- 13. Enriched with curricular and extracurricular activities.*
- 14. Conduct sports meets and techno-literary cultural fests, Project Expos, national and international conferences and workshops.*
- 15. Cultivating and promoting research activities.*
- 16. E-learning centers for every department and establishment of SWAYAM, NPTEL local chapter*
- 17. Maternity and Special Medical leave for the faculty.*
- 18. Hostel accommodation with all facilities.*
- 19. Safe and secure environment for girls' students.*

  
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20. Scholarships for merit students by the management.
21. The institution provides subsidized transportation and food for the faculty.
22. Faculty are sponsored to attend conferences.
23. Hands-on experience through industrial visits and internships.
24. PMKVY-funded training programmes.
25. Awards and cash prizes for toppers during convocation.
26. Coaching for competitive exams and campus recruitment training for placements.
27. Effective mentoring system.
28. MoU's with reputed organizations.
29. Honours and Awards received by faculty, students and the institution.
30. Decentralization through delegation of powers.

### Institutional Weakness:

It takes proactive measures to improve the quality of teaching, learning, and research. Though the institute has scripted many success stories, there are certain areas in which it needs to move forward. There is a need to overcome the limitations in the following areas:

1. Lack of interest among school students in taking up engineering leads to low admissions.
2. Difficulty in procuring government funding for research.
3. Low placement opportunities in core companies. Less frequency of public transportation system.
4. Less involvement of the Alumni at the institutional level.
5. Students with a vernacular rural medium background at entry level.

### Institutional Opportunities:

1. An alumni association is formed which acts as a boon for the student community and for improving the quality of education.
2. More entrepreneurship awareness programmes for creating awareness about start-up's
3. Plying more number of college buses apart from the public transportations.
4. Conducting student-centered practical English Language classes for all 4 years.

  
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## *Institutional Challenges:*

1. Facing tough competition from surrounding Branded colleges.
2. Fee reimbursement makes financial constraints.
3. The affiliated university curriculum limits and constraints institutional curriculum.
4. Frequent changes in educational policies.

## *Strategic Goals*

Pallavi Engineering College Management team after brainstorming the Vision, Mission, Quality Policy, Core Values, Environmental Factors and SWOC analysis have reached the step of defining Institution Strategic Goals for 2020-25.

1.	Good Governance
2.	Autonomous Status
3.	Accreditation & Certification
4.	Infrastructure and facilities
5.	Teaching & Learning
6.	Industry & Institute Collaborations (MOUs)
7.	Placement, Internships & Career
8.	Research & Development
9.	Alumni engagement and interaction
10.	Quality assurance systems
11.	Library & information centre
12.	Entrepreneurship

  
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## Strategic Planning, Implementation and Monitoring for the Academic Year's 2020-21 to 2024-2025.

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</li> <li>Follow a transparent and fair feedback system</li> <li>Conduct training based on need analysis</li> <li>Evaluation parameters and benchmarking</li> <li>Continuous assessment to measure outcomes</li> <li>Performance development through</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 &amp; publishing regularly</li> <li>Formation of Quality Monitoring Committee &amp; functioning</li> <li>Educating &amp; Training of all employees</li> <li>Periodic check &amp; guidance for quality improvement</li> <li>Establishment of audit team and process</li> <li>Audit for remedial measures</li> <li>Promoting best practices</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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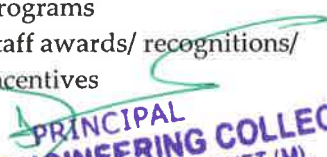
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4	<b>Good Governance</b>	<ul style="list-style-type: none"> <li>Annual report preparation &amp; submission</li> <li>Vision, Mission development &amp; their articulation in every key position</li> <li>Inclusion of industrialists &amp; academicians in the GB</li> <li>Evaluation of Institute's performance and benchmarking</li> <li>Institutional strategic goals setting</li> <li>Institutional Strategic development plan</li> <li>Monitoring and Implementing the Quality Management Systems</li> <li>Following organization structure</li> <li>Smooth Working of statutory committees</li> <li>Establishing E governance</li> <li>Leadership development through decentralization</li> <li>Establishing 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>Organization structure in place</li> <li>Degree of decentralization</li> <li>Degree of E governance</li> <li>Resource mobilization</li> <li>Staff appraisal &amp; career advancement scheme 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 committee and cell</li> <li>Participation in competitions</li> <li>Organizing competitions</li> <li>Credit transfer &amp; compensation</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, 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
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</li> <li>Staff welfare policy 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> </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> <li>Staff awards/ recognitions/ incentives</li> </ul>	Chairman & Principal

  
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		<ul style="list-style-type: none"> <li>Support for research, consultancy, innovations</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 wise Budget planning and allocation</li> <li>Forecasting income &amp; expenditure</li> <li>Effective functioning of 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>Institute – Industry 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 IAB meetings/ year</li> <li>No. of Initiatives /contributions by IAB</li> </ul>	Principal, HODs
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 Providing training &amp; guidance for entrepreneurship development</li> <li>Bringing more experts of the field for seminar, lecture, workshop 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 trainings organized /participated</li> <li>No. of graduates becoming entrepreneurs</li> <li>No. of incubation center</li> </ul>	Principal, TPO & HODs
10	<b>Research and Innovation</b>	<ul style="list-style-type: none"> <li>Dedicated R &amp;D facilitation centre</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 &amp; Private Institutes, Universities and Research Organizations</li> <li>Applying for 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

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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>Data base 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> <li>Brand ambassadors</li> <li>Sponsorships/scholarships/fund generation</li> </ul>	<ul style="list-style-type: none"> <li>Alumni data base</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
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 trainings/ 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 programmes done</li> <li>Number of people benefited in 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 Class rooms, Tutorials, Seminar halls</li> <li>Modernization of Laboratory &amp; equipment</li> <li>More ICT enabled classrooms</li> <li>Library infrastructure up gradation</li> <li>System up gradation</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; Rain water harvesting</li> <li>Renewable Energy usage</li> <li>Hygiene, zero plastic &amp; green campus</li> <li>Recycling of water</li> </ul>	<ul style="list-style-type: none"> <li>Number of buildings, class rooms added</li> <li>Removal of obstacles</li> <li>New Laboratories added</li> <li>New equipment added</li> <li>Annual budget allocated &amp; utilized</li> <li>Harvesting &amp; Recycling of water Renewable energy source development</li> <li>Green initiatives</li> </ul>	Chairman & Members of G B , Secretary Trustee Board, GM, Deputy Manager
15	<b>Students Development Activity</b>	<ul style="list-style-type: none"> <li>Placement Drive for the passed out students</li> <li>Giving required training to student as per Company requires</li> <li>Conduct Carrier Guidance to students</li> </ul>	<ul style="list-style-type: none"> <li>Number of career guidance trainings</li> <li>Number of skill development programmes</li> </ul>	Principal, HOD, TP O,

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	<b>in Placements</b>		<ul style="list-style-type: none"> <li>Number of vocational trainings</li> <li>Number of placement drives organized</li> <li>Number of placement drives participated</li> <li>Number of placements</li> </ul>	
16	<b>Certification by Autonomous Body (NAAC)</b>	<ul style="list-style-type: none"> <li>Planned to Apply AY: 2016-17 National Assessment and Accreditation Council (NAAC)</li> <li>Again Planned to go for NAAC SSR Submission in 2022-23</li> </ul>	<ul style="list-style-type: none"> <li>Planned to Submit NAAC SSR, Due to Some Region Could not Submitted.</li> <li>Working for it yet to submit in the month of December-2022</li> </ul>	Chairman, Principal, HOD, Faculty
17	<b>Certification by an International Organization for Standardization(ISO)</b>	<ul style="list-style-type: none"> <li>In AY: 2023-24 Planned to get Quality Management System (QMS), an ISO Certification renewal at least by Four different body</li> </ul>	<ul style="list-style-type: none"> <li>We received Two ISO Certification renewals</li> <li>Continue effort will be made to get Five ISO Certification by 2023-24</li> </ul>	Chairman, Principal, HOD, Faculty
18	<b>Certification by NBA</b>	<ul style="list-style-type: none"> <li>In AY: 2023-24 Planned to get accreditation by NBA</li> </ul>	<ul style="list-style-type: none"> <li>We are working for it yet to submit in the month of August-2023</li> </ul>	Chairman, Principal, HOD, Faculty
19	<b>Commitment of Final Year Result</b>	<ul style="list-style-type: none"> <li>In AY: 2021-22 onwards Planned for outgoing batch, 98% Pass Result.</li> </ul>	<ul style="list-style-type: none"> <li>Conducting many Model Exams for the Practice and revise subject and discuss of previous Question Papers.</li> </ul>	Principal, HOD, Faculty

  
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## Strategic Planning for (2020-2025)

Strategic Goal	Strategic Planning
Good Governance	Governing Body: <ul style="list-style-type: none"> <li>▪ Supervisory and approving policy matters, StaffRecruitments, annual budgets</li> <li>▪ Evaluation of institutions academic performanceand bench marking.</li> <li>▪ Smooth Working of statutory committees.</li> </ul>
	Vision, Mission, and Institution Strategic Goals: <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>
	Leadership & Transparency management: <ul style="list-style-type: none"> <li>▪ Polices formulation, approval &amp; implementation.</li> <li>▪ Service Rules circulations</li> <li>▪ Student &amp; Staff Grievance Redressal mechanism</li> <li>▪ Decentralization of leadership managements</li> <li>▪ Implementation E-Governance in administrative, Student support, etc.,</li> </ul>
	Internal Quality Assurance Cell& Accreditation: <ul style="list-style-type: none"> <li>▪ Monitoring</li> <li>▪ Conduct internal audit committee for monitoringcompliance.</li> <li>▪ Systems, checks and balances- Remedialmeasures.</li> </ul>
Autonomous Status	<ul style="list-style-type: none"> <li>▪ Discussion in Governing Body and approval foruniversity affiliation &amp; Autonomous Status.</li> <li>▪ Resource planning &amp; budget approval.</li> <li>▪ Inspections university affiliation preparation &amp; Approvals.</li> <li>▪ Preparation for the Accreditation &amp; certifications</li> </ul>
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>

  
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	<ul style="list-style-type: none"> <li>▪ Strengthen Hobby clubs &amp; Canteen facilities.</li> <li>▪ Increasing Transport facilities</li> <li>▪ Rain water 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 to efficient usage of recycled waste water.</li> </ul>
Teaching & Learning	<ul style="list-style-type: none"> <li>▪ The improvements in teaching &amp; learning infrastructure keeping in line the changing pedagogy and its implementation like aggressive adoption of ICT through improved facilities in classrooms, e-classrooms, skill development centers, laboratory, library, Wi-Fi enabled classrooms.</li> <li>▪ R&amp;D Laboratory and its maintenance</li> </ul>
Library & Information Centre	<ul style="list-style-type: none"> <li>▪ Budget allocation for library &amp; information centre.</li> <li>▪ Books, journals procurement, storage, and retrieval</li> <li>▪ Digitization of Library resources</li> <li>▪ Resources automation &amp; Access (24 X 7)</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 centres of excellence &amp; skill development centers.</li> <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 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 laboratories in all departments.</li> <li>▪ Dedicated R&amp;D facilitation &amp; documentation centre.</li> </ul>

  
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	<ul style="list-style-type: none"> <li>▪ Competent technical staff for R&amp;D labs.</li> <li>▪ Establishing centre of excellences.</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 dedicate T&amp;P Team.</li> <li>▪ Conduct Awareness Programmes</li> <li>▪ Conduct Value added programmes.</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>▪ Modernisation 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>
Alumni Interaction	<ul style="list-style-type: none"> <li>▪ Strengthen Alumni association and engagement.</li> <li>▪ Establish alumni association office on campus, engage students.</li> <li>▪ Data base updation and interactive alumni website</li> <li>▪ Establish global chapters and networking</li> </ul>
Social Activities	<ul style="list-style-type: none"> <li>▪ Study rural projects and challenges under UBA.</li> <li>▪ Conduct awareness programs in villages/ communities.</li> <li>▪ Conducting health awareness camps &amp; Blood Donation camps.</li> </ul>

  
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## 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 council and other team member will be the custodian for strategic plan and its deployment.

### Implementation at institute level

Particular	Committee
Good Governance & Administration	
Finance & Account Management	
Institution Complaint Compliance(IIC)	
Autonomous & University Affiliations	
Infrastructure-Academics	
Physical Infrastructure	
Teaching- Learning	
Research & Development, Consultancy	
Student affairs	
Student admissions	
Departmental activities	
Placement & Training	
Entrepreneurship	
Library	

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## Measurable during Implementation

Strategic Goal	Deployments
Good Governance	<ul style="list-style-type: none"> <li>Governing Body selection</li> <li>Vision-Mission reviews, Number of meetings conducted.</li> <li>Polices implementation. Student &amp; staff procedures,</li> <li>Service &amp; Conduct Rules, ERP implementation, etc.,</li> </ul>
Accreditation & Certification	<ul style="list-style-type: none"> <li>In Academic years of 2019-20 allbranches were NBA accredited</li> <li>The institutes have ISO 2009:15 Certification.</li> <li>The Institute got UGC 2f status.</li> </ul>
Infrastructure and facilities	<ul style="list-style-type: none"> <li>Upgrade the all the computers. Strengthen WIFI Facility.</li> <li>The entire campus installed CCTV cameras and fire safety equipments ineach floor of the block.</li> <li>Adequate infrastructure is developedfor extracurricular activities.</li> <li>Established RO unit and Potable water supply through coolers, dispensers is made available in every floor and block</li> </ul>
Teaching & Learning	<ul style="list-style-type: none"> <li>No. of learning resources</li> <li>No. of student counseling/mentoring/training sessions conducted.</li> <li>Result of examinations (Pass, Firstclasses, Distinctions)</li> <li>Graduate attribute attainment levels, Student feedback</li> </ul>
Industry & Institute Collaborations (MOUs)	<ul style="list-style-type: none"> <li>Total 38 MOU's done with institute wise and department wise with different industries and organizations Like IIT-B, E&amp;ICT, MEPAC3, CSI, Texas Instruments, SAE, FACE, ISTE, IET etc.,</li> </ul>
Skill Development	<ul style="list-style-type: none"> <li>Center of Excellence Electric Vehicle with Skill Shark, MoU with CISCO Academy &amp; Oracle Academy.</li> </ul>
Student Clubs	<ul style="list-style-type: none"> <li>Established Pallavi Campus Connect (MCC) Club for CulturalActivities.</li> </ul>
Research & Development	<ul style="list-style-type: none"> <li>Established R&amp;D Hub with collaborate Texas Instruments &amp; E-yenta (IIT-B)</li> </ul>
Training & Placement	<ul style="list-style-type: none"> <li>Every Year Conducted Campus Recruitment Training (CRT) Classes with FACE, TIME</li> <li>Tie-up with Pre-access test agencies Code Tantra, Co-Cubes, AMCAT</li> </ul>
Certification	<ul style="list-style-type: none"> <li>From IIC the institute got 3.5 Starrating</li> <li>NIRF is in Planning Phase</li> </ul>
Green Initiative	<ul style="list-style-type: none"> <li>50kWP Rooftop Solar plant is installed.</li> <li>Biogas Plant is installed.</li> <li>Replacement with tube lights withLED lights</li> </ul>

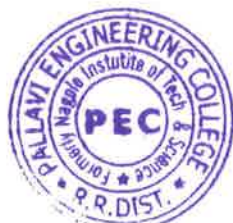
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*The Principal, Academic Council and other committees will monitor the implementation of strategic plan in scheduled frequency. The various committee in-chargers will prepare the detailed cumulative improvement report. The IQAC committee intermittently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

### Conclusion

*The strategic plan's implementation would address all barriers to achieving the goals and providing Pallavi Engineering College with a superior education. The strategic plan would direct the institute strives hard to toil towards the desired goal in a directed structure along with its stakeholders. The working policy include Quality suggestion implementation and Administrative skills drawn-out through different powerful phases of academic plans, which definitely needs to incorporate in the development of educational strategies ensuring the confidence of IQAC quality implementation guidelines.*



*Principal*  
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