



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, Permanently Affiliated to JNT University, Kakinada, Tamaram,  
Makavarapalem, Narsipatnam (R D), Visakhapatnam Dist-531113

## STRATEGIC PLAN (2017-22)

The following are the milestones for the quality enhancement of the Institution:

- Teaching & learning process
- Curriculum development
- Examination and Evaluation
- Student's development and participation
- Admission of students.
- Internal Quality Assurance System
- Alumni Interaction

Towards meeting the above milestones, following plan should be implemented:

S.No	Parameter	Plan
1.	Teaching learning process	<p>As an affiliated institution, it follows the curriculum offered by the university. In addition, the college academic committee plans for the academics and the preparation of Academic Calendar is planned in order to ensure smooth functioning of teaching.</p> <ul style="list-style-type: none"><li>• Focus on the implementation of the OBE and choice-based credit system (CBCS).</li><li>• Determine course outcomes (COs) according to Blooms taxonomy.</li><li>• Decide on the degree to which the COs correlate with the POs and PSOs. Take into account industry needs and technological challenges..</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 credit system.</li><li>• Implementation of best practices</li></ul>
2.	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></ul>



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		<ul style="list-style-type: none"> <li>Promoting best practices.</li> <li>Annual report preparation &amp; submission.</li> </ul>
3.	<b>Leadership and participative management</b>	<ul style="list-style-type: none"> <li>Establishment of functional committees and decentralizing the academic, administration and student related committees &amp; responsibilities.</li> <li>Prescribe duties, responsibilities and accountability.</li> </ul>
4.	<b>Examination and Evaluation</b>	<ul style="list-style-type: none"> <li>The college follows the semester system as per the guidelines of JNTUK, Kakinada.</li> <li>The college has also supplemented the continuous performance evaluation of the students with two internal examinations per semester based on theory and multiple choice.</li> <li>Assignments, Major / Mini projects, seminars, end of semester examinations etc. with the conventional written examination are part and parcel of the evaluation.</li> <li>The examination reforms are done by the affiliated JNT University Kakinada at regular intervals.</li> <li>Online computer examinations a standardized, impeccable and frequently updated database of objective questions is used for the conduct of online examinations.</li> <li>Compulsory online courses are introduced to encourage students to choose the course that interests them from the potential courses listed.</li> <li>Compulsory publication of the article in the listed journals and antiplagiarism check of the dissertation for PG students.</li> </ul>
5.	<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.</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>
6.	<b>Student's development and participation</b>	<ul style="list-style-type: none"> <li>Budget allocation for student development programmes and activities.</li> <li>Students Trainings &amp; Placement Activities.</li> <li>Student's representation in various committee and cell.</li> <li>Participation &amp; Organizing in several competitions.</li> <li>Rewards &amp; recognitions of academic achievers.</li> </ul>



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		<ul style="list-style-type: none"> <li>• Participation in extracurricular activities.</li> <li>• Participating in social and welfare activities.</li> </ul>
7.	<b>Admission of Students</b>	<p>The Principal of The College, together with the Admissions Committee, Takes up the Admission Procedure.</p> <ul style="list-style-type: none"> <li>• Financial Support Is Provided by The Flexible Payment of Fees in Multiple Instalments for Students in Need.</li> <li>• Institution Will Be Guiding to Make the Right Choice of Course of Study Combination of Branches at The Time of Admission.</li> <li>• 70% of the admissions are made Through the State Government by the Convener of Andhra Pradesh EAMCET.</li> <li>• The Remaining 30% of Students are Admitted by the Management as per the Guidelines of APSCHE (Andhra Pradesh State Council for Higher Education).</li> </ul>
8.	<b>Institute – Organizations Interaction</b>	<ul style="list-style-type: none"> <li>• MoUs with skill development organizations.</li> <li>• Support for internships, visits, trainings, guest lectures</li> <li>• Bringing more experts of the field for seminar, lecture, workshop for technical and entrepreneurship development</li> <li>• Providing opportunities for Industry based/sponsored projects.</li> <li>• Providing career guidance.</li> <li>• Strengthen training &amp; placement.</li> </ul>
9.	<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>• Sponsorships/scholarships/fund generation</li> </ul>
10.	<b>Community Services and Outreach Activities</b>	<ul style="list-style-type: none"> <li>• Dedicated NSS cell.</li> <li>• Budget from institution resources.</li> <li>• Identify community and social development work.</li> <li>• Identify challenges of society for development work.</li> <li>• Conducting awareness camps.</li> <li>• Conducting blood donation camps.</li> </ul>
11.	<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>• Library infrastructure up gradation</li> <li>• Functional facilities for e-learning</li> <li>• Safety &amp; Security management</li> <li>• Water facility</li> <li>• Medical facility</li> </ul>



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	<ul style="list-style-type: none"><li>• Developing sports (indoor/outdoor) facilities</li><li>• Plantations</li><li>• Rain water harvesting</li><li>• Renewable Energy usage</li><li>• Hygiene, zero plastic &amp; green campus</li></ul>
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Principal  
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