



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

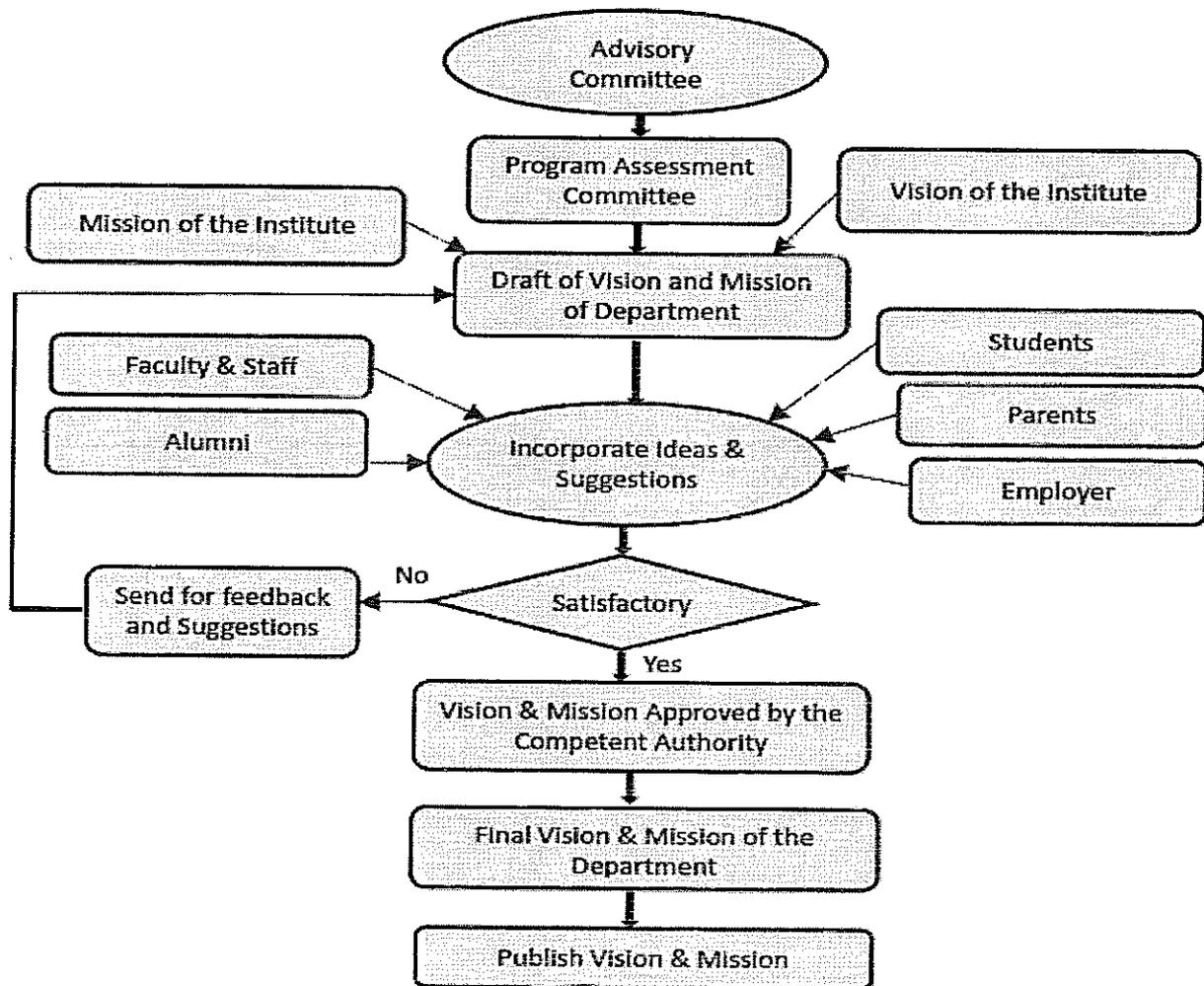
(Approved by A.I.C.T.E., New Delhi, & Permanently Affiliated to J.N.T.U.K., Kakinada)

NAAC B++ Accredited Institute

Cherukupally (Village), Near Tagarapavalasa Bridge, Bhogapuram (Mandal), Vizianagaram -531162.

www.aietta.ac.in, principal@aietta.ac.in

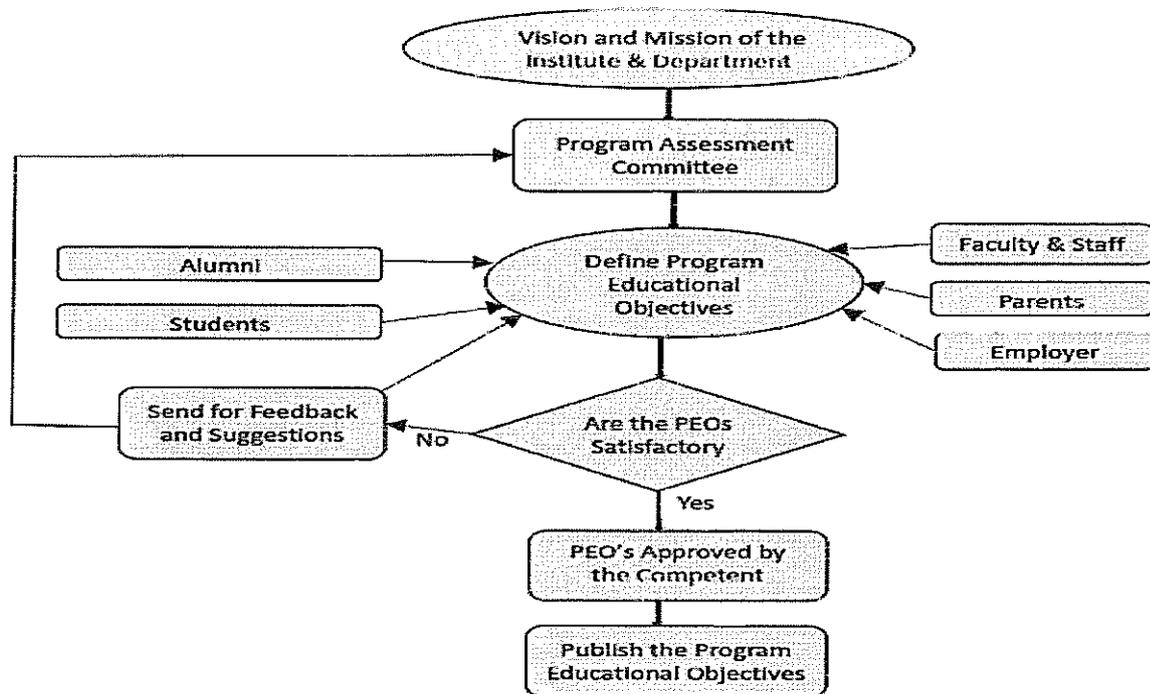
Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.



Flow diagram of the process for defining the VISION & MISSION of the Department

Process for defining the VISION & MISSION of the Department

1. The advisory Committee of the Institute decided to modify the various departmental Vision and Mission statements and asked the HODs to take up this matter in their departments respectively. The committee also decides to modify the institute Vision and Mission statement.
2. HODs took up the matter with Program Assessment Committee of their respective departments.
3. The Program Assessment Committee provided the basic draft of the department Vision & Mission in alignment with Graduate Attributes along with the Vision & Mission of the institute.
4. Draft of Vision & Mission was discussed with the faculty in the departmental meeting.
5. Faculty members were requested to discuss the Vision & Mission statements in their respective classes and ask the students to give their inputs. Vision & Mission statement drafts were displayed on the notice board.
6. Suggestion of Alumni regarding Vision and Mission statement given in their feedback forms were incorporated.
7. Further suggestions were invited from parents & prospective employers.
8. The assessment committee reviewed the suggestions & framed the final Statements.
9. HOD of the Department approached the Director/Director General for His/Her final Views and Approval.
10. Vision & Mission statements of the department were finalized.
11. The Vision & Mission statement were published and displayed.



Flow diagram of the process for defining the PEO's of the Department

Process for defining the PEO's of the Department

- The Program Assessment Committee provided the basic draft of the department PEO statements in alignment with the Vision and Mission statements of the Institute and Department as well as the Graduate Attributes.
- Draft of PEO statements was discussed with the faculty in the departmental meeting.
- Faculty members were requested to discuss the draft of PEO statements in their respective classes and ask the students to give their inputs. Draft of PEO statements was displayed on the notice board.
- Further suggestions were invited from parents / prospective employers.
- The assessment committee reviewed the suggestions & framed the final statement.
- HOD of the Department approached the Director/Director General for His/Her final Views and Approval.
- Finally, PEO statements of the department were published and displayed.

The Vision, Mission of the Department and PEOs of the program are published at

- Institute Website
- Department Course Website
- Department Newsletter
- Course Files
- Lab Manuals

The Vision, Mission of the Department and PEOs of the program are disseminated through

- Parent-Teacher Meetings
- First-Year Orientation Programme
- Alumni Meetings

The Vision, Mission of the Department and PEOs of the program are displayed at

- HoD Chamber
- Classrooms
- Staff rooms
- Laboratories
- Notice Boards
- Department Library
- Seminar hall


Principal
PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M),
Vizianagaram (Dist.)-531162



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PROGRAM OUTCOMES (POs) FOR UG COURSES

Program Outcomes		
PO1	Engineering knowledge	An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and modeling
PO2	Problem analysis	An ability to design, simulate and conduct experiments, as well as to analyze and interpret data including hardware and software components
PO3	Design / development of solutions	An ability to design a complex electronic system or process to meet desired specifications and needs
PO4	Conduct investigations of complex problems	An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.
PO5	Modern tool usage	An ability to use the techniques, skills and modern engineering tools necessary for engineering practice
PO6	The engineer and society	An understanding of professional, health, safety, legal, cultural and social responsibilities
PO7	Environment and sustainability	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and demonstrate the knowledge need for sustainable development.
PO8	Ethics	Apply ethical principles, responsibility and norms of the engineering practice
PO9	Individual and team work	An ability to function on multi-disciplinary teams.
PO10	Communication	An ability to communicate and present effectively
PO11	Project management and finance	An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multi-disciplinary environments
PO12	Life-long learning	A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning



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PROGRAM OUTCOMES (M.Tech)

PO1	Demonstrate knowledge with ability to select, learn and apply appropriate techniques, skills and modern engineering tools to solve engineering problems appropriate to the relevant discipline.
PO2	Analyze engineering problems critically, conceptualize, design, implement and evaluate potential solutions to contribute to the development of scientific/technological solutions in the context of relevant discipline
PO3	Independently carry out research /investigation and development work to solve practical problems.
PO4	Function effectively as an individual and in a team to possess knowledge and recognize opportunities for career progression and research.
PO5	Communicate effectively in professional practice through verbal and written formats.
PO6	Recognize the need for self-motivated pursuit of knowledge to show commitment and competence in the broadest context of technological change.

PROGRAM OUTCOMES (MBA)

PO1	Demonstrate the knowledge of management science to solve complex corporate problems using limited resources
PO2	Research literature and identify and analyze management research problems.
PO3	Identify business opportunities, design and implement innovations in work space.
PO4	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to management practice.
PO5	Apply ethical principles for making judicious managerial decisions.
PO6	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO7	Communicate effectively with various stakeholders.
PO8	Engage in independent and life-long learning.


Principal

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