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AVANTHI EDUCATIONAL SOCIETY

(Govt. Regd. No. 392/1991)

8-2-293/82/F-II/A-12, Film Nagar, Jublee Hills, Hakeempet, Hyderabad - 500 034.

Date: 18-12-2023

List of Members of Governing Body

5 Members from the Management (Chairman of President of the Management as the Chairperson)		
1	Smt. Gnaneswari Chief Chairperson, Avanthi Educational Society	Chair Person
2	Sri. MVS Nandish Vice- Chairman, Avanthi Educational Society	Member
3	Dr.M. Priyanka General Secretary, Avanthi Educational Society	Member
4	Sri. N. Sriram Secretary, Avanthi Educational Society	Member
5	Sri I. Sravan Kumar Treasurer, Avanthi Educational Society	Member
2 Teachers of the college Nominated by the principal based on the seniority		
6	Dr.T. Srinivasa Rao	Member
7	Dr. R. Prasad Rao Assoc. Professor, Department of ECE, AIETM	Member
8	Prof. Chandu Subbarao Retd Professor, Department of Geophysics, Andhra University, Visakhapatnam.	Member
1 UGC Nominee nominated by the UGC		
9	To be Nominated	Member
1 State Government Nominee		
10	To be Nominated	Member
1 University Nominee nominated by university		
11	Smt. Hema Assistant Professor, Department of ECE, JNTUGV, Vizayanagaram.	Member
1 Principal of the college (Ex officio)		
12	Dr. CPVNJ Mohan Rao Principal, Avanthi Institute of Engineering Technology	Member Secretary
Other Members		
13	Sri. S V Ragava Rao	Member

Committed for Excellence in Higher Education
Principal
Avanthi Institute of Engg. & Technology
Tamaram, Makavarapalem Md.,
Anakapalli District., Pin: 531 113



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Permanently Affiliated to JNTU, GV Vizianagaram
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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

INSTITUTE LEVEL VISION, MISSION

VISSION

To develop highly skilled professionals with ethics and human values

MISSION

- To produce competent and highly motivated Engineers and Management professionals.
- To impart quality education with industrial exposure and professional training.
- To instill self-confidence among students, which is an imperative prerequisite to face the challenges of life.
- To exhort the spirit of professional beyond academic excellence.

Principal

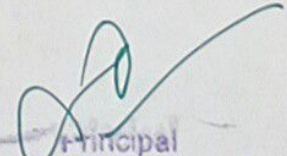
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POs OF UG PROGRAMS

1. **ENGINEERING KNOWLEDGE:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **PROBLEM ANALYSIS:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **DESIGN/DEVELOPMENT OF SOLUTIONS:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **MODERN TOOL USAGE:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. **THE ENGINEER AND SOCIETY:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **ENVIRONMENT AND SUSTAINABILITY:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **ETHICS:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **INDIVIDUAL AND TEAM WORK:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **COMMUNICATION:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to


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comprehend and write effective reports and design documentation, make effective presentations, give and receive clear instructions.

11. **PROJECT MANAGEMENT AND FINANCE:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to ones own work, as a member and leader in a team, to manage projects and in multidisciplinary environments

12. **LIFE-LONG LEARNING:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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DEPARTMENT WISE PEOs

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Vision

To develop highly skilled professionals with Ethics and Human values.

Mission

- To be instrumental in the field of Computer Science & Engineering by proving high quality education and Continuous quality improvement process of the program.
- Assess and evaluate various processes provides the required information to the faculty, administrators on the effectiveness of the design, delivery and directions of the program.
- Improvements based on feedback from evaluations will close the system loop and process will continue year after year.

PEO's

PEO 1: Graduates will have demonstrated a through grounding in the fundamental principles of basic sciences, English other engineering disciplines, Mechanical engineering subjects and practices convey a professional attitude appropriate for a diverse world community.

PEO 2: Graduates will have undertaken complex problems and develop appropriate technical solutions.

PEO 3: Graduates will be prepared to communicate and work effectively on team-based engineering projects and will practice the ethics of their profession consistent with a series social responsibility.

PEO 4: Graduates will have demonstrated exposure to emerging and modern technologies to succeed in engineering position in various agencies and also pursue advanced degrees in engineering.

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DEPARTMENT OF ECE

Vision

We envision the Department to make an impact on, and lead in the field of electronics and communication engineering through its education and research agenda.

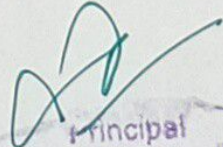
Mission

To produce highly competent Electronics and Communications engineers to suite global needs

- M1: The department of Electronics and communication engineering support the mission of AIET through teaching and services designed to provide the very best undergraduate electronics engineering education possible.
- M2: It is our goal to provide our students with a strong theoretical foundation, practice engineering skills, experience in interpersonal communication and team work, and a daily emphasis on ethics professional conduct and critical thinking.
- M3: We prepare our graduates for successfully engagement in commercial and industrial enterprise, research and development and graduate study.
- M4: We Emphasize and support the training necessary for practice as professional engineers.

PEO's

- PEO 1: Graduates will have demonstrated a through grounding in the fundamental principles of basic sciences, English other engineering disciplines, Mechanical engineering subjects and practices convey a professional attitude appropriate for a diverse world community.
- PEO 2: Graduates will have undertaken complex problems and develop appropriate technical solutions.
- PEO 3: Graduates will be prepared to communicate and work effectively on team based engineering projects and will practice the ethics of their profession consistent with a series social responsibility.
- PEO 4: Graduates will have demonstrated exposure to emerging and modern technologies to succeed in engineering position in various agencies and also pursue advanced degrees in engineering.


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DEPARTMENT OF EEE

Vision

Our vision is to impart sophisticated engineering know how, purposeful research and sound personality development which helps in apt application of technology in moulding young minds in to successful professionals.

To be instrumental in the field of electrical and electronics engineering through its education and research agenda

PEO 1: Graduates will have demonstrated a through grounding in the fundamental principles of basic sciences, English other engineering disciplines, Mechanical engineering subjects and practices convey a professional attitude appropriate for a diverse world community.

PEO 2: Graduates will have undertaken complex problems and develop appropriate technical solutions.

PEO 3: Graduates will be prepared to communicate and work effectively on team based engineering projects and will practice the ethics of their profession consistent with a series social responsibility.

PEO 4: Graduates will have demonstrated exposure to emerging and modern technologies to succeed in engineering position in various agencies and also pursue advanced degrees in engineering.

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DEPARTMENT OF MECHANICAL ENGINEERING

Vision

We envision the department to make an impact on, and lead in the field of mechanical engineering through its education and research agenda.

Mission

The department of mechanical engineering supports the Mission AIET through teaching and services designed to provide the under graduate the mechanical engineering education possible.

PEO's

PEO 1: Graduates will have demonstrated a through grounding in the fundamental principles of basic sciences, English other engineering disciplines, Mechanical engineering subjects and practices convey a professional attitude appropriate for a diverse world community.

PEO 2: Graduates will have undertaken complex problems and develop appropriate technical solutions.

PEO 3: Graduates will be prepared to communicate and work effectively on team based engineering projects and will practice the ethics of their profession consistent with a series social responsibility.

PEO 4: Graduates will have demonstrated exposure to emerging and modern technologies to succeed in engineering position in various agencies and also pursue advanced degrees in engineering.

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POs PG PROGRAMS

DEPARTMENT OF MBA

Vision

To be a leading management department that contributes to the development of society through excellence in grooming leadership, entrepreneurial talent and research.

Mission

Our mission is to impart value-based management education, open new avenues for employment generation by developing skill and competency of the students and transform them as professionals through a relentless pursuit of excellence in teaching, research, consultancy, management development and industry-institution interaction in the country and abroad.

PEO's

PEO 1: To impart adequate knowledge of management theories and concepts to facilitate research and learning for continued growth and development.

PEO 2: To provide learners with the opportunity to solve business situations using management tools, analyse and create new opportunities in the industry.

PEO 3: Acquire appropriate communication skills and higher-level competencies for a successful career in industry, business and entrepreneurship.

PEO 4: Demonstrate the ability to maintain knowledge of emerging technologies to meet the critical needs of seamless strategic business operations.

PO'S

PO-1: Management skills: Applying knowledge of management theory and practice to solve business problems.

PO-2: Decision-making skills: Develop analytical and critical skills to make data-driven decisions.

PO-3: Professional ethics: Developing values-based management skills.

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PO-4: Communication skills: Understand, analyse and communicate the global, economic, legal and ethical aspects of business.

PO-5: Leadership skills: Ability to lead self and others to achieve organizational goals and contribute effectively in a team environment.

PO-6: Entrepreneurial and innovation skills: demonstrate skills to assess business opportunities and identify potential sources of finance to become a successful entrepreneur.

PO-7: Strategic skills: analyse and develop sustainable management strategies in a dynamic global business environment.

PO-8: Technical skills: Develop and nurture technical skills to successfully navigate a highly competitive global business environment.

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