

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES (Autonomous) :: RAJAMPET

**AN EXCLUSIVE NEWS LETTER OF DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
FROM ANTRIX-ECE ASSOCIATION**

Reach us at www.aitrajampet.ac.in/ecdept/index.htm

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Antrix Newsletter is an amalgamation of all the events held in the Department of Electronics & Communication Engineering, Annamacharya Institute of Technology & Sciences, Rajampet. This e-News letter is compiled by Antrix-ECE Association with the inputs of the Faculty and Students of the Department. It plays an instrumental role in providing a greater exposure of the achievements accomplished.



VISION

To offer educational experiences those make the students globally competent, socially responsible and bring in answers to ever-ebbing problems in the field of Electronics & Communication Engineering.

MISSION

To offer high quality premier education in the field of Electronics & Communication Engineering and to prepare students for professional career and higher studies. To promote excellence in technical research, collaborative activities and positive contributions to society

Program Educational Objectives (PEOs)

1. Work efficiently as Electronics & Communication Engineers, including supportive and leadership roles on Multidisciplinary teams.
2. Communicate effectively, recognize and incorporate societal needs and constraints in their professional endeavors with high regard to legal and ethical responsibilities.
3. Develop attitude in lifelong learning, applying and adapting new ideas and technologies as their field evolves.

PROGRAM OUTCOMES

Students in the Electronic and Communication Engineering program should, at the time of their graduation, are in possession of:

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

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.

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.

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

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.

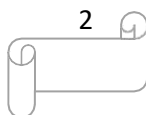
Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.**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.



EVENTS ORGANISED

- **Essay writing: (20-01-2025)**

The **Essay Writing Competition** was conducted to encourage students to develop their **writing skills, critical thinking, and creativity**. The theme for the competition on “**impact of technology on human relations**”

Students from various classes actively participated and expressed their thoughts through well-structured and meaningful essays. The competition allowed students to articulate their views on important topics and showcase their command over language and grammar.



- **Aptitude & reasoning skills: (21-01-2025)**

To foster logical thinking and problem-solving abilities among students, an **Aptitude and Reasoning Skills Competition** was conducted. The event aimed to test the analytical thinking, mathematical ability, and reasoning skills of the participants.

Students from various classes enthusiastically took part in the competition. The question paper included topics such as:

Numerical Ability

Logical Reasoning

Verbal and Non-verbal Reasoning

Puzzles and Pattern Recognition

Data Interpretation

The competition was conducted in a time-bound format, encouraging quick thinking and accuracy under pressure. Students demonstrated great enthusiasm and focus throughout the test.



- **Elocution : (22-01-2025)**

n Elocution Competition on the topic “Social Media Influence on Children” was organized on 22.01.2025 as part of the Republic Day celebrations. The event aimed to raise awareness among students about the positive and negative impacts of social media on young minds. Participants spoke passionately about how social media affects communication skills, education, behavior, and mental health of children.

The competition encouraged students to think critically and express their opinions confidently. The judges appreciated the participants for their insightful speeches and effective presentation skills. Winners were awarded prizes, and the event concluded with a message emphasizing the responsible use of social media and the importance of digital well-being in today’s world.

Clarity of speech and pronunciation

Content relevance and originality

Confidence and stage presence

The event was judged by experienced faculty members who appreciated the talent and effort shown by all the participants. The audience was thoroughly engaged and inspired by the eloquent speeches delivered.



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