PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
5ᵗʰ mile, PULLADIGUNTA, Kornepadu (V), Vatticherlaur (M), GUNTUR-522017(A.P.)
Approved by AICTE, Affiliated to JNTUK
www.pitmgnt.ac.in

2.6 Student Performance and Learning Outcomes

2.6.1 Programme ad course outcomes for all Programmes offered by the institution are stated and displayed on website and communicate to teachers and students

Response:

The institution gives prominence to programme outcomes (Pos) defined by the National Board of Accreditation (NBA) and the corresponding 2-4 Programme Specific Outcomes(PSOs) in each Programme. the faculty-members, after allocation of courses, records their course outcomes before the commencement of every semester. The Pos, PSOs and course outcomes of the concerned departments are uploaded to the institution portal having the uniform resource locator, which reads (http:/www.riskrishnasai.edu.in/department/ece/programme-educationalobjectives-program-bjective/educational-objectives-program-objective/).

Sharing of Course Outcomes to Faculty- Members and Students

The Vision, Mission and PEOs (Programme Education Objectives) are designed to authorize the outcome based education in the institution. The faculty-member, students, and stakeholders are enlightened about outcome based education. The Vision, Mission and PEOs are circulate and exhibited in various meetings. There are Internal and external Stockholders in each program.

Internal Stack Holders Include:

1) Management
2) Teaching Staff
3) Non-Teaching Staff
4) Students

External Stack Holders Include:

1)Parents
2)Employers
3) Industries
4) Alumni

Sources of availability of the Vision, Mission Statements and PEOs include the following.

- College Portal
- The Brochure of College
- Course Files
- Laboratory Manuals

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Sources of Display of the Vision, Mission Statements and PEOs include the following.

- Room of the HOD
- Corridors of Departments
- Notice Board of Departments
- Seminor Hall of Departments
- Faculty Rooms
- Research and Development Cell
- Conference Halls

Sources of Dissemination of the Vision, Mission Statements and PEOs include the following.

- Department Meetings
- Meetings of Alumni
- The Meeting of Governing Body
- Workshops
- Seminars
- Faculty Development Programs
- Meetings With Parents
- The Orientation Programme for newly joined students.

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PROGRAM OUTCOMES (POs)

PO1 **Engineering knowledge:** Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 **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

PO3 **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

PO4 **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.

PO5 **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.

PO6 **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.

PO7 **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.

PO8 **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 **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.

PO11 **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.

PO12 **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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