

**SCHOOL OF ENGINEERING AND TECHNOLOGY
SRI PADMAVATI MAHILA VISVAVIDYALAYAM, TIRUPATI
(WOMEN'S UNIVERSITY)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

PROGRAM EDUCATIONAL OBJECTIVES (PEOs) - M.TECH (ECE)

PEO1: The graduate of the Electronics and Communication Program will have successful technical and professional careers and will be capable to pursue Higher education.

PEO2: The graduate will possess good mathematical, scientific and engineering breadth so as to comprehend, analyze, design, and provide technical solutions for the real-life problems.

PEO3: The graduate will exercise excellent leadership qualities to address issues in a responsive, ethical, and innovative manner with continuous learning attitude.

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ENGINEERING**

PROGRAMME OUTCOMES-M.TECH (ECE)

Engineering graduates will be able to:

PO1: Ability to apply the knowledge of sciences, mathematics and engineering principles for developing problem solving attitude.

PO2: Ability to identify formulate and solve engineering problems in broad areas like system design using communications, VLSI and signal processing.

PO3: Ability to use different software tools in domain of communications, VLSI and signal processing.

PO4: Ability to independently carryout research/investigation and development work to solve practical problems.

PO5: Ability to write and present a substantial technical report/document.

PO6: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

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PROGRAM SPECIFIC OUTCOMES (PSOs) -M.TECH (ECE)

PSO1: Apply fundamental knowledge to identify, formulate, design and investigate various problems in digital electronics and communication systems.

PSO2: Apply modern software tools for design, simulation and analyze in domine of communications, VLSI and Signal Processing.

PSO3: Solve ethically and professionally various problems in societal, environmental contexts and communicate effectively.

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Sri Padmavati Mahila Visvavidyalayam
Department of Electronics & Communication Engineering

M.TECH (ECE)

H – HIGH

M – MODERATE

L – LOW

1. PROGRAM EDUCATIONAL OBJECTIVES (PEOs) – PROGRAM OUTCOMES (POs) MAPPING

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
PEO1	H	H	L	M	-	H
PEO2	H	H	-	M	L	-
PEO3	-	-	L	M	L	H

2. PROGRAM EDUCATIONAL OBJECTIVES (PEOs) – PROGRAM SPECIFIC OUTCOMES (PSOs) MAPPING

	PSO1	PSO2	PSO3
PEO1	H	M	L
PEO2	M	H	M
PEO3	-	L	H

3. PROGRAM EDUCATIONAL OBJECTIVES (PEOs) – MISSION STATEMENTS MAPPING

	M1	M2	M3	M4
PEO1	H	-	M	-
PEO2	-	M	M	L
PEO3	-	-	M	H