



SCHOOL OF ENGINEERING AND TECHNOLOGY

SRI PADMAVATI MAHILA VISVAVIDYALAYAM

(WOMEN'S UNIVERSITY)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

M.Tech in ECE with specialization of Wireless Communications

Program Educational Objectives (PEOs):

PEO1: Graduates will demonstrate proficiency in the design, implementation, and analysis of advanced wireless communication systems and networks.

PEO2: Graduates will engage in research and development activities to contribute innovative solutions to complex problems in the field of wireless communications.

PEO3: Graduates will exhibit continuous professional growth by adapting to emerging technologies, acquiring new skills, and pursuing higher education or professional certifications.



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Program Outcomes (Pos):

PO1: Ability to demonstrate a deep understanding of advanced concepts in wireless communication, signal processing, and network theory.

PO2: Ability to apply advanced mathematical, scientific, and engineering principles to identify, formulate, and solve complex problems in wireless communications.

PO3: Ability to conduct independent research to advance knowledge in wireless communications, utilizing modern research methodologies and tools.

PO4: Ability to analyze and interpret data related to wireless communication systems to make informed decisions and optimize performance.

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.



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Program Specific Outcomes (PSOs):

PSO1: Students will be able to gain expertise in advanced wireless technologies such as 5G/6G, Internet of Things (IoT), and cognitive radio networks, understanding their design, implementation, and optimization.

PSO2: Students will be able to understand the principles and applications of wireless sensor networks, including their architecture, protocols, and deployment strategies.

PSO3: Students will be able to solve ethically and professionally various problems in societal, environmental contexts and communicate effectively.



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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