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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES (PEOS) - M.Tech (CSE)

PEO 1: Provide students with knowledge in fundamentals of engineering, research in specialized area of computer science and engineering to pursue higher studies

PEO 2: Prepare students with hands-on experience in implementing various application development concepts

PEO 3: Exhibit analytical, decision making and problem solving skills by applying research principles for handling real life problems

PEO 4: Deliver graduates to design and implement solutions for rapidly changing computing problems and lifelong learning to adapt innovation

PEO 5: Inculcate to work in groups on multidisciplinary projects and exhibit high levels of professional and ethical values in organization and society

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Program Outcomes - M.Tech (CSE)

Engineering Graduates will be able to:

PO1: Independently carry out research /investigation and development work to solve practical problems

PO2: **W**rite and present a substantial technical report/document

PO3: 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

PO4: Understand the mathematical and theoretical foundations, advanced computing techniques and tools to provide IT related solutions in an economic, social and environment context.

PO5: Design, develop and evaluate new computer based systems for novel applications which meet the desired needs of industry and society.

PO6: Communicate with a wide range of audience and function effectively individually or as a part of a team to accomplish a stated goal.

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PROGRAM SPECIFIC OUTCOMES (PSOs) – M.Tech(CSE)

PSO1: Understand, analyse, and apply Computer Science and Engineering knowledge to provide solutions to real world problems.

PSO2: Ability to take up higher studies, Research and development in modern computing environment

PSO3: Design efficient algorithms and develop applications using computer science and engineering techniques

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Department of Computer Science and Engineering

M.TECH (CSE)

H – HIGH   **M – MODERATE**   **L – LOW**

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

	PO1	PO2	PO3	PO4	PO5	PO6
PEO1	L	L	-	H	M	-
PEO2	M	H	L	-	-	--
PEO3	H	M	M	M	H	M
PEO4	-	-	H	L	L	L
PEO5	-	-	-	-	-	H

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

	PSO1	PSO2	PSO3
PEO1	H	M	L
PEO2	M	L	H
PEO3	L	H	M
PEO4	M	H	L
PEO5	L	H	M

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

	M1	M2	M3	M4
PEO1	H	M	L	-
PEO2	M	H	-	L
PEO3	L	M	H	-
PEO4	L	H	M	-
PEO5	-	L	M	H

Dr. V. Saritha	Dr. P. Venkata Krishna	Dr. A. Ramakrishna Rao
HoD (CSE)	BoS Chairman (CSE)	Director, SE&T