SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, Tirupati – 517 102

Department of Electronics and Communication Engineering

SVEC-14

M. Tech. (Communication Systems)

Program Educational Objectives:

PEO1: To impart advanced knowledge in the fields of Signal Processing, Communication Systems and Networks.

PEO2: To develop analytical, design and development skills in the broad area of Communication Systems.

PEO3: To apply the knowledge and skills acquired for the solutions to the real world engineering problems in the field of Communication Engineering and Systems.

PEO4: To provide opportunity to work with a strong sense of professionalism and code of engineering practice.

Program Outcomes:

On completion of the Programme, the students will be able to

PO1: Acquire in-depth knowledge in the specialized domain of Signal Processing, Communication Systems and Networks.

PO2: Analyze complex engineering problems critically and apply for conducting research in area of Communication Systems and Networks.

PO3: Solve engineering problems to arrive at feasible and optimal solutions in compliance with societal and environmental factors in the core areas of Communication Systems.

PO4: Apply appropriate research methodologies and techniques to contribute to the development of scientific knowledge in Communication Systems and allied areas.

PO5: Apply appropriate techniques, resources and modern tools to complex engineering activities in the field of Signal Processing and Communication Networks.

PO6: Contribute to collaborative-multidisciplinary scientific research, demonstrate capacity for self-management, teamwork and decision making.

PO7: Manage projects effectively as a member and leader in the areas of Communication Systems and multidisciplinary areas with consideration to economic and financial factors.

PO8: Communicate effectively in verbal and written forms.

PO9: Engage in life-long learning to improve knowledge and competence in the world of rapid technological changes.

PO10: Follow ethical code of conduct in professional activities with understanding of responsibility for sustainable development of society.

PO11: Adapt to reflective and self learning for sustainable self growth.