

# NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

M. Tech. (Communication & Signal Processing Engineering)

### Program Educational Objectives (PEOs)

PEO No.	Program Educational Objectives Statements
PEO1	Deliver comprehensive education in Communication & Signal processing Engineering to ensure that the graduates have the core competency to be successful in versatile jobs in the relevant industries and pursue higher studies.
PEO2	Provide the theoretical and experimental fundamental in the Communication & Signal processing Engineering required to formulate, analyse and solve the real world problems and pursue the research in the Communication and Signal Processing Engineering.
PEO4	Inculcate a sense of ethics, professionalism and effective communication skills amongst graduates.
PEO5	Provide an academic environment that gives adequate opportunity to the students to cultivate lifelong skills needed for a successful professional career.

### PROGRAM OUTCOME

POs	Statement
PO1	An ability to independently carry out research /investigation and development work to solve practical problems
PO2	An ability to write and present a substantial technical report/document
PO3	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
PO4	Program graduates will develop enthusiasm and confidence to pursue lifelong learning for professional advancement
PO5	Program graduates will grow confidence to face the challenges in diverse areas of Communication and Signal Processing Engineering.

**PO6**

Program graduates will develop the spirit of working in a team for various applications like environmental monitoring, agriculture, business, health care, and military using CSPE.