JAYAWANT SHIKSHAN PRASARAK MANDAL's
Jayawantrao Sawant College of Engineering
(Approved by AICTE, New Delhi, Govt of Maharashtra and Affiliated to University of Pune)
Id.No. : PU/PN/Engg./199/(2004)
S. No.58, Handewadi Road, Hadapsar, Pune - 411028
Ph. :8484897374   Telefax : 020-26970880
Email : principal@jspmjscoe.edu.in
Website : www.jspmjscoe.edu.in

Prof.Dr.T.J.Sawant
D.E.E., B.E.(Electrical), MISTE,Ph.D
FOUNDER SECRETARY

Dr. Rajendra D. Kanphade
M.E. Ph.D. (Elecrtonics Engg.)
LMISTE, FIETE, SMIEEE
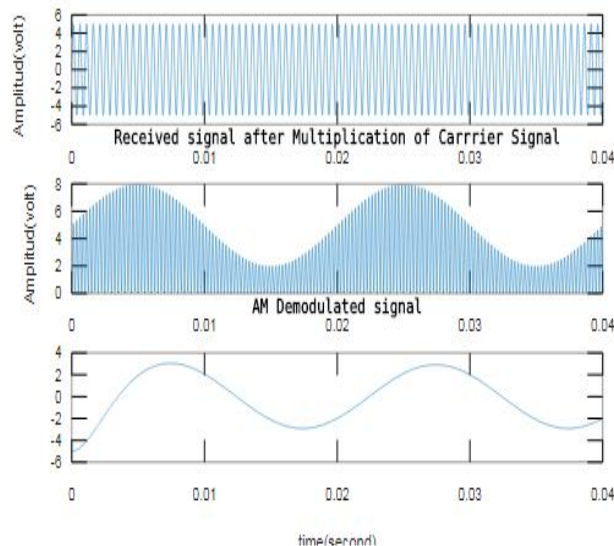Principal

Department of Electronics and Telecommunication Engineering

Innovative Teaching Learning Report

Year	2020-21 SEMESTER II – SE [E&TC]
Name of Subject:	Principles of Communication System [**204193**]
Course:	2019 pattern
Name of Innovative Teaching Method Adopted	Simulation
Description:	**Problem statement:** Design AM Trans receiver in MATLAB for transmission of modulating signal $3\sin(2*\pi*f_a*t)$. Take Carrier signal as $A\sin(2*\pi*f_c*t)$
Student's learning	1. Generation of modulating and carrier signal in MATLAB 2. Combined modulating and carrier signal to generate AM wave. 3. Demodulated AM wave by multiplying received signal with carrier signal to obtain modulating signal.
Program Outcome	PO 1,2,3,4,5,8,9,10,11. Students adopted tools and technique to solve engineering problems.
Evidences:	
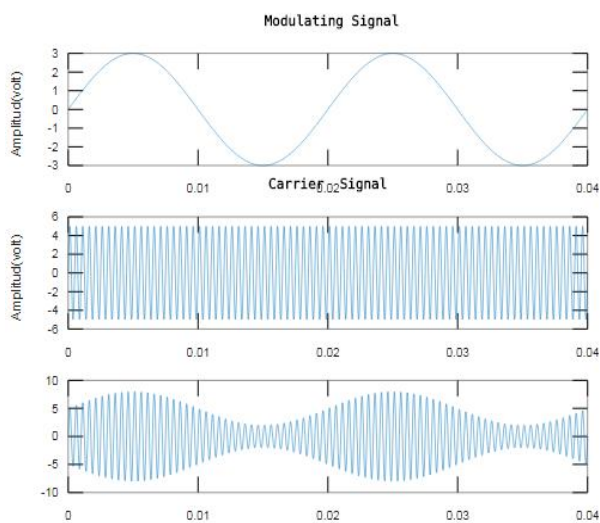
Generation of AM Wave	Demodulation of AM Wave

Dr. R. D. Gawade
Course Coordinator

Prof. T. S. Mote
Module Coordinator

Dr. C. A. Manjare
HOD[E&TC]