



Course: M.Tech	Name of Faculty: Arun A. Balakrishnan
Topic: ELE 2201 L – Communication Laboratory	Semester: II
Lecture Hall: 225	Timings: Slot G/H

Week and date	Lecture topics	Assignments	Remarks
Week 1: Jan 3-6	Familiarisation of MATLAB Communication Tool Box		
Week 2: Jan 9-13	Identification of a project based on a IEEE paer	<i>Assignment-1</i>	
Week 3: Jan 16-20	MATLAB EXPERIMENTS ASK, PSK, FSK Modulator & Demodulator DSB-SC Modulator and Demodulator		
Week 4: Jan 23 - 28	MATLAB EXPERIMENTS PAM, PWM & PPM PCM Modulation & Demodulation Delta Modulation	<i>Assignment-1 submission</i>	
Week 5:Jan 30 – Feb 3	MATLAB EXPERIMENTS QPSK Modulator & Demodulator DPSK Modulator & Demodulator		
Week 6: Feb 6 - 10	First Internals		
Week 7: Feb 13 - 18	First Review of Project	<i>Assignment-2</i>	
Week 8: Feb 20 - 24	Familiarisation of Simulink, Introduction to Simulink - Communication Blockset		
Week 9: Feb 27 – Mar 3	SIMULINK EXPERIMENTS ASK, PSK, FSK Modulator & Demodulator DSB-SC Modulator and Demodulator		
Week 10: Mar 6 - 10	SIMULINK EXPERIMENTS PAM, PWM & PPM PCM Modulation & Demodulation Delta Modulation	<i>Assignment-2 submission</i>	
Week 11: Mar 13 - 17	SIMULINK EXPERIMENTS QPSK Modulator & Demodulator DPSK Modulator & Demodulator		
Week 12: Mar 20 - 24	Report Submission		
Week 13: Mar 27 - 31	Second Internals		
Week 14: Apr 3 - 7	Project Review - Final		

Week 15: Apr 10 - 14	Lab Exam		
----------------------	----------	--	--