Course Number and Name
BMA504 - RANDOM PROCESS

Course Objectives

- To impart adequate knowledge about probability concepts
- To make students understand Moment Generating Functions

Prerequisites	Co-requisites
BMA201-Mathematics II	Nil

Course Outcomes (COs)

CO1 After completing this course students would be able to apply concepts of Probability to solve problems in Electronic Engineering.

CO2 Find functional relationship between random inputs and outputs with the use of Random Process Techniques

CO3 Find the linearity in Birth and Death Processes with the use of Poisson processes.

CO4 To make students understand Discrete and Continuous Random variables, Random Processes and their applications in Electronic Transmissions

CO5 To Understand about the correlation Functions

CO6 Find the trend information from discrete data set through numerical differentiation and summary information through random process

Student Outcomes (SOs) from Criterion 3 covered by this Course

COs/SOs	a	b	c	d	e	f	g	h	i	j	k
CO1	H					M	M	H	H		H
CO2	H	M	H								
CO3	H			H	M	M				L	
CO4	H		M		H		M	L			M
CO5	H	M		M			H		M		
CO6	H	M			M	H			M	M	