



Digital Communication

SWAYAM Prabha Course Code – E16

PROFESSOR'S NAME	Prof. Bikash Kumar Dey
DEPARTMENT	Electrical Engineering
INSTITUTE	Indian Institute of Technology, Bombay
COURSE OUTLINE	Besides course outline, it should also indicate if there are any pre-requisites (i.e, prior knowledge) required .
	The course is an introduction to modern digital communications at a senior undergraduate level. The primary goal of the course is to provide the student an understanding of the principles, techniques, trade-offs, and fundamental limits in modern digital communication systems. This course introduces the fundamentals of digital signaling, information theory and coding, digital transmission and reception.

COURSE DETAILS		
S. No	Module ID/ Lecture ID	Lecture Title/Topic
1	L1	Introduction to Digital Communication
2	L2	Sampling
3	L3	Quantization, PCM and Delta Modulation
4	L4	Probability and Random Process
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References if

Any: