



**Department of Electronics Engineering
School of Engineering and Technology
Pondicherry University, Pondicherry – 605 014**

The syllabus for Ph.D. (ECE) Entrance Examination to be conducted by University will be comprising of 100 Multiple Choice Questions by considering Probability and Stochastic Processes course and Electronics & Communication Engineering subjects at the PostGraduate Level.

The details of the topics for the Ph.D. (ECE) Entrance Examination are given below:

S. No.	Name of the Subjects	No. of Questions
1	Analog and Digital Electronics	10
2	Analog and Digital Communication	10
3	Microprocessor and Microcontrollers	10
4	Signals and Systems, DSP and DIP	10
5	Microwave, Satellite and Radar Communication	10
6	Cellular and Optical Communication	10
7	Electromagnetic Theory, Transmission Lines, Waveguides and Antennas	10
8	Computer Networks and Wireless Networks	10
9	Embedded Systems and VLSI Design	10
10	Network Theory and Control Systems	05
11	Probability and Stochastic Processes	05