



**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Tamaram, Makavarapalem, Visakhapatnam-531113

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**DATE: 23-06-2020**

**RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM  
DEVELOPMENT FOR THE YEAR 2019-20**

<b>S. No</b>	<b>Subject Name</b>	<b>Recommendations/Suggestions for Curriculum Development</b>
1	Random Variables and Stochastic Process	The basic concept of probability theory has to be added.
2	Digital Communication	Cognitive Radio concept has. to be added
3	Signals and Systems	Concept of Digital filters has to be added as they are present in GATE syllabus
4	Digital Image Processing	Advanced concept of Speech processing has to be added.
5	Microprocessor & microcontroller	Programming in MIDE – 51 Studio has to be added
6	Microwave Engineering	Introduction to field theory has to be added
7	Very Large Scale Integrated circuit	A basic building block of analog IC design has to be added.
8	Electronic Devices and circuits	The concept of PCB Design has to be added.
9	Switching Theory and Logic Design	A basic of Boolean Algebra has to be added.
10	Analog Communication	Modern demodulation circuits using Gilbert's gain cell has to be added.

  
**HOD**

**ECE DEPARTMENT**

  
**PRINCIPAL**