



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

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

DATE: 20-06-2017

**RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM  
DEVELOPMENT FOR THE YEAR 2016-17**

S. No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Random Variables and Stochastic Process	The basic concept of probability theory has to be added.
2	Digital IC Design	IC Design Concept using software 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	Video processing has to be added in detail.
5	Signals and Systems	A basic concept of Fourier Series and Fourier Transform has to be added.
6	Linear integrated circuits and Applications	Design of FET transistor in lab has to be added in syllabus.
7	Very Large Scale Integrated circuit	Basic building blocks of analog IC design and stick diagrams in detail have to be added.
8	Microprocessor & microcontroller	Advanced Microprocessor has to be added.
9	Radar Systems	A concept of Pulse compression and coding has to be added.
10	Digital Image Processing	Image super Resolution has to be added in the syllabus.

  
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**ECE DEPARTMENT**

  
PRINCIPAL