



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram, Makavarapalem, Visakhapatnam-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 30-03-2022

RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM DEVELOPMENT FOR THE YEAR 2021-22

S. No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Electronic Devices and Circuits	Simpler low-frequency analysis models like re-model and approximate h-parameter models have to be added.
2	Switching Theory and Logic Design	The design of sequential circuits (detectors) has to be added.
3	Signals and Systems	The concept of Band pass sampling has to be added.
4	Random Variable and Stochastic Processes	Spectral Analysis of System Response for random inputs has to be added.
5	Electronic Circuit Analysis	Gilbert's Gain Cell has to be added.
6	Linear Control Systems	An introduction to classical design techniques has to be added.
7	Analog Communication	Analysis of Modern circuits has to be added.
8	Digital Signal Processing	Architectures of modern DSP processors has to be added

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ECE DEPARTMENT

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