



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram, Makavarapalem, Visakhapatnam-531113

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DATE: 27-08-2021

### RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM DEVELOPMENT FOR THE YEAR 2020-21

S. No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Analog Communication	Modern demodulation circuits using Gilbert's gain cell has to be added.
2	Random Variables and Stochastic Process	Probability theory has to be added.
3	Very Large Scale Integrated circuit	Basic building blocks of analog IC design have to be added.
4	Microwave Engineering	Topics of microwave solid state devices and modern device have to be added.
5	Satellite Communication	Satellite and radar used waveguide components and applications have to be added.
6	Digital Image Processing	Video processing concept has to be added.
7	Radar Systems	Pulse compression and coding has to be added.
8	Electronic Circuit Analysis	Voltage regulator 7804; 78010 series and adjustable voltage regulator topics has to be added.
9	Microwave Engineering	Conformal antenna topic has to be added
10	Signals and Systems	Digital filters has to be added as they are present in GATE syllabus

HOD

ECE DEPARTMENT

PRINCIPAL