



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY  
TAMARAM(V), MAKAVARAPALEM (M)  
VISAKHAPATNAM-531113

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

DATE: 23-8-2020

RECOMMENDATIONS/SUGGESTIONS OF THE TEACHER FOR CURRICULUM  
DEVELOPMENT FOR THE YEAR 2019-2020

S.No	Subject Name	Recommendations/Suggestions for Curriculum Development
1	Utilization of electrical engineering	Laws of electrolysis, applications of electrolysis, electro deposition, electro plating, polishing and buffing
2	Electrical machines-II	Production of RMF by analytical method, production of RMF by graphical method had to be added in the syllabus
3	Electrical circuit analysis-I	Ampere circuit law and calculating the EMF using Lorentz's equation of the force has to be added in the syllabus
4	Power electronics	Protection and cooling of power switching devices has to be added in the syllabus
5	Renewable energy sources	Train gearing and direct drive, wind turbine and wind measurement and also turbine orientation has to be added in the syllabus
6	Electrical power quality	Harmonic signatures and power ground system has to be added in the syllabus
7	Advanced control systems	Diagonalization, design of state observer has to be deleted from the syllabus
8	Digital control systems	Concept of controllability and observability has to be deleted from the syllabus
9	Electrical machines-I	Brushless dc motor has to be added in the syllabus
10	HVDC transmission	Configuration and layout of HVDC terminal and multi terminal HVDC terminal has to be added in the syllabus

HOD (EEE Department)

Principal

