

**ELECTRICAL AND ELECTRONICS ENGINEERING****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	<b>Ms. K HARSHINI</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2019-2023</b>
Course Name:	<b>NETWORK ANALYSIS</b>	Course Code:	<b>AEEB09</b>
Semester:	<b>III</b>	Target Value:	<b>60% (1.8)</b>

**Attainment of COs:**

	<b>Course Outcome</b>	<b>Direct Attainment</b>	<b>Indirect Attainment</b>	<b>Overall Attainment</b>	<b>Observation</b>
CO1	Understand the relation between line and phase quantities of three phase star and delta connected systems to analyze balanced and unbalanced circuits.	1.60	2.30	1.7	Not Attained
CO2	Demonstrate the operation of wattmeter to measure the three-phase active and reactive power in three phase systems.	2.30	2.30	2.3	Attained
CO3	Understand the concept of initial conditions of RLC elements to determine the transient response of first and second order electric circuits using differential equation approach and Laplace transform technique.	0.90	2.20	1.2	Not Attained
CO4	Illustrate the locus diagram for series and parallel circuits and describe the network functions in time domain and frequency domain approach.	0.90	2.20	1.2	Not Attained
CO5	Solve the various two port network parameters and determine their inter relationships, outline the concepts of interconnections of two port networks.	0.90	2.20	1.2	Not Attained
CO6	Develop the various types of active filters and understand their characteristics, execute digital simulation using MATLAB.	0.90	2.20	1.2	Not Attained

**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**

CO1: Use digital resources for better understanding of balanced and unbalanced systems

CO3: Provide more problems to analyse transient response of RLC circuit

CO4: Conduct experiment on the locus diagram for series and parallel circuits for RL and RC

CO5: Do more practice on various two port network parameters

CO6: Provide real time examples of filters to understand its types and characteristics

  
**Course Coordinator**
  
**Mentor**
  
**Head of the Department**