



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

Name of the faculty:	<b>Mr. N NAGARAJU</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2018-2022</b>
Course Name:	<b>ANALOG ELECTRONICS</b>	Course Code:	<b>AECB02</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	Demonstrate the principle of operation of pn diode for the diode applications such as rectifiers, clippers, and clampers.	0.00	2.40	0.5	Not Attained
CO2	Illustrate the principle of operation of bipolar and uni polar transistor for operating in different regions of operation.	0.30	2.40	0.7	Not Attained
CO3	Explain differential amplifiers and power amplifiers using transistor high frequency model.	0.90	2.40	1.2	Not Attained
CO4	Estimate feedback amplifiers parameters based on sampling and mixer circuits.	0.30	2.40	0.7	Not Attained
CO5	Calculate frequency of oscillations for the RC, LC, Hartley and Colpits oscillators.	0.30	2.30	0.7	Not Attained
CO6	Utilize inverting and non inverting amplifiers as waveform generators and in IC related real time applications.	0.60	2.40	1	Not Attained

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

CO1: Expert lectures are planned

CO2: Students are encouraged to enroll for NPTEL video

CO3: Tutorial classes has been conducted

CO4: Extra classes should be taken

CO5: Students are encouraged to watch ELRV videos

CO6: More practical example has been demonstrated in class

  
Course Coordinator

  
Mentor

  
Head of the Department