



**INSTITUTE OF AERONAUTICAL ENGINEERING**  
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**CIVIL ENGINEERING**

**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	<b>Mr. B SANTHOSH KUMAR</b>	Department:	<b>Civil Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2019-2023</b>
Course Name:	<b>BASIC ELECTRONICS ENGINEERING</b>	Course Code:	<b>AECB01</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 properties of semiconductor materials which forms the basis for the formation of pn junction diode and zener diode	2.00	2.50	2.1	Attained
CO2	Extend the pn junction characteristics for the diode applications such as switch and rectifiers	2.30	2.20	2.3	Attained
CO3	Utilize the inverting and non-inverting amplifiers as arithmetic operations, waveform generator and in IC related real time applications	3.00	2.90	3	Attained
CO4	Extend the different modes of op-amp configurations for finding parameters of slew rate, CMRR and PSRR	2.00	2.40	2.1	Attained
CO5	Identify the different performance characteristics and specifications of data converters	3.00	2.90	3	Attained
CO6	Interpret the need of sequential logic design principles for designing flip- flops, counters and shift registers.	2.30	2.60	2.4	Attained

**Action Taken:**

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043