



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

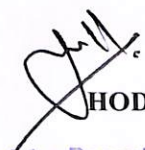
Name of the Faculty:	Mr. U Somanaidu	Department:	ECE
Regulation:	IARE-R16	Batch:	2016-2020
Course Name:	Optical communications	Course Code:	AEC018
Semester:	VIII	Target Value:	60% (1.8)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Summarize the concepts of optical fiber communication link, structure propagation and transmission properties to provide data connection between two points.	3	2.3	2.9	Attained
CO2	Describe the solition based communication system for high speed transmission over long distances.	2.3	2.4	2.3	Attained
CO3	Utilize the propagation characteristics of an optical signal to know the behaviour of radio waves.	2.3	2.4	2.3	Attained
CO4	Make use of the elements in optical modes and configurations for defining the properties of coherence and orthogonality.	0.9	2.3	1.2	Attained
CO5	Categorize the splicing techniques, passive optical components and noise performance in photo detector to detect the incoming optical power.	1.6	2.5	1.8	Attained
CO6	Relate the components of wavelength-division multiplexing communication system for the use of multiple light wavelengths.	2.3	2.4	2.3	Attained


Course Coordinator


Mentor


HOD
Head of the Department
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