



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	Branch:	2017-2021
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.	2.70	2.40	2.6	Attainment target reached
CO2	Describe the solition based communication system for high speed transmission over long distances.	2.70	2.40	2.6	Attainment target reached
CO3	Utilize the propagation characteristics of an optical signal to know the behaviour of radio waves.	2.70	2.40	2.6	Attainment target reached
CO4	Make use of the elements in optical modes and configurations for defining the properties of coherence and orthogonality.	3.00	2.40	2.8	Attainment target reached
CO5	Categorize the splicing techniques, passive optical components and noise performance in photo detector to detect the incoming optical power.	2.30	2.40	2.3	Attainment target reached
CO6	Relate the components of wavelength-division multiplexing communication system for the use of multiple light wavelengths.	1.30	2.40	1.5	Attainment target is not yet reached

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

CO6: Giving assignments and conducting tutorials on wavelength-division multiplexing communication system


Course Coordinator


Mentor


HOD
Head of the Department
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