



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. M MAHESWARA RAO	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Surveying and Geomatics	Course Code:	ACEC01
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 List the needs for accurate and thorough note taking field work in serving as a legal record.	2.30	2.00	2.2	Attained
CO2 Illustrate the various methods of setting out curves in tracing alignment and path at suitable locations .	1.30	1.90	1.4	Not Attained
CO3 Demonstrate different types of digital instruments used in surveying for accurate measurement and data record keeping .	2.30	2.00	2.2	Attained
CO4 Explain the practical application on total station using the principle of Electronic Distance Measurement for minimizing local errors.	1.70	1.90	1.7	Not Attained
CO5 Recall the importance of terrestrial photogrammetry, flight planning and Stereoscopy for preparing 3D geographical maps.	1.60	1.90	1.7	Not Attained
CO6 Analyze remote sensing data acquisition on platforms and sensors using satellite images in providing base maps for graphical reference in real time.	1.60	1.90	1.7	Not Attained

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

CO2: Detailed sessions can be delivered on different types of curves used in engineering and construction projects

CO4: Inviting surveying professionals to share practical insights and best practices related to using total station and EDM technology.

CO5: Organizing field trips to observe and participate in terrestrial photogrammetric surveys, where students can witness data collection methods.

CO6: Conducting interactive presentations where students demonstrate their understanding of remote sensing data acquisition and base map creation techniques.


Course Coordinator


Mentor


Head of the Department

Head of the Department
Civil Engineering
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