



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

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|----------------------|-------------------------|---------------|-------------------|
| Name of the faculty: | Mr. VOLLALA RAJU | Department: | Civil Engineering |
| Regulation: | IARE - R20 | Batch: | 2020-2024 |
| 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. | 1.60 | 2.30 | 1.7 | Not Attained |
| CO2 Illustrate the various methods of setting out curves in tracing alignment and path at suitable locations . | 0.60 | 2.20 | 0.9 | Not Attained |
| CO3 Demonstrate different types of digital instruments used in surveying for accurate measurement and data record keeping . | 3.00 | 2.30 | 2.9 | Attained |
| CO4 Explain the practical application on total station using the principle of Electronic Distance Measurement for minimizing local errors. | 2.30 | 2.20 | 2.3 | Attained |
| CO5 Recall the importance of terrestrial photogrammetry, flight planning and Stereoscopy for preparing 3D geographical maps. | 0.90 | 2.20 | 1.2 | 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. | 0.90 | 2.20 | 1.2 | Not Attained |

Action Taken:

CO1: Giving assignments and conducting tutorials on the needs for accurate and thorough note taking field work in serving as a legal record.


CO2: Additional inputs will be provided on the various methods of setting out curves in tracing alignment and path at suitable locations.

CO5: Providing more information on the importance of terrestrial photogrammetry, flight planning and Stereoscopy for preparing 3D geographical maps.

CO6: Need to provide more problems and assignments on analyze remote sensing data acquisition on platforms and sensors using satellite images in providing base maps for graphical reference in real time.


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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