# INSTITUTE OF AERONAUTICAL ENGINEERING
**(Autonomous)**
Dundigal, Hyderabad - 500 043

## INFORMATION TECHNOLOGY

## ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

| Name of the faculty: | **A. Soujanya** | Department: | **IT** |
|---|---|---|---|
| Regulation: | **IARE - R16** | Batch: | **2016 - 2020** |
| Course Name: | **Internet of Things** | Course Code: | **ACS510** |
| Semester: | **VI** | Target Value: | **60% (1.8)** |

**Attainment of COs:**

| | Course Outcome | Direct attainment | Indirect attainment | Overall attainment | Observation |
|---|---|---|---|---|---|
| CO1 | Relate the characteristics and appropriate levels of IoT for reusing of deployed IoT resources across application domains. | 2.3 | 2.6 | 2.4 | Attainment target reached |
| CO2 | Identify the necessity of communication models, protocols and API's for accessing data from sensors and actuators to overcome issues like failure of any connected devices. | 2.3 | 2.6 | 2.4 | Attainment target reached |
| CO3 | Compare Machine to Machine with IoT and identifying the role of SDN, NFV, NETCONFG-YANG for data exchange between devices and management on network. | 1.6 | 2.6 | 1.8 | Attainment target reached |
| CO4 | Relate architectural reference model and state of the art methodologies in IoT application domains for managing access control of IoT devices. | 0.9 | 2.6 | 1.2 | Attainment target is not yet reached. |
| CO5 | Choose raspberry Pi device and set up the environment for connecting other devices/sensors to communicate with raspberry pi using Python language. | 1.6 | 2.6 | 1.8 | Attainment target reached |
| CO6 | Analyze different cloud storage models and protocols that are scalable and available on demand for designing IoT applications. | 1.6 | 2.6 | 1.8 | Attainment target reached |

| **Action taken report:** (To be filled by the concerned faculty / course coordinator) |
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| For example: |
| CO 4: Need to provide guest lectures on architectural reference model and state of the art methodologies in IoT application domains |

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|---|---|---|
| **Course Coordinator** | **Mentor** | **HOD** |