



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Ms. K. Rashmi	Department	CSE
Regulations	R16	Batch	2017 -2021
Course Name	Internet of Things (IoT)	Course Code:	ACS510
Semester	VI	Target Value	70% (2.1 on 3 Scale)

Attainment of COs:

Course Outcomes		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.	1.60	2.20	1.7	Target not attained
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.	0.90	2.20	1.2	Target not attained
CO3	Compare Machine to Machine with IoT and identifying the role of SDN, NFV, NETCONFIG-YANG for data exchange between devices and management on network.	0.90	2.20	1.2	Target not attained
CO4	Relate architectural reference model and state of the art methodologies in IoT application domains for managing access control of IoT devices.	3.00	2.20	2.8	Target attained
CO5	Choose raspberry Pi device and set up the environment for connecting other devices/sensors to communicate with raspberry pi using Python language.	0.90	2.20	1.2	Target not attained
CO6	Analyze different cloud storage models and protocols that are scalable and available on demand for designing IoT applications.	3.00	2.20	2.8	Target attained

Action taken report:

CO1, CO2: More discussion on IoT resources across domains and API for accessing data from sensors during tutorial sessions to make student understand IoT fundamentals well.

CO3: Arrange seminar on Role of SDN, NFV, NETCONFIG-YANG for data exchange IoT based systems.

CO5: Demonstrate more practical sessions on designing IoT applications by establishing communication with raspberry pi using Python language


Course Coordinator


Mentor

Head of Department
Computer Science and Engineering
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