INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

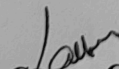## ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Mr. Laxman kumar	Department	CSE
Regulations	R16	Batch	2016-2020
Course Name	Operating Systems	Course Code:	ACS 007
Semester	IV	Target Value	70% (2.1 on 3 Scale)
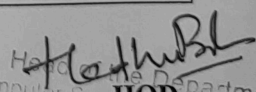
Attainment of COs:

	Course Outcomes	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain different architectures used in design of modern operating systems.	3	2.6	2.9	Target attained
CO2	Solve problems related to process scheduling, synchronization and deadlock handling in uni and multi-processing systems.	2.3	2.6	2.4	Target attained
CO3	Choose memory allocation algorithms for effective utilization of resources.	1.6	2.6	1.8	Target not attained
CO4	Select various page replacement algorithms applied for allocation of frames.	2.3	2.6	2.4	Target attained
CO5	Make use of different file allocation and disk scheduling algorithms applied for efficient utilization of storage.	0.9	2.6	1.2	Target not attained
CO6	Outline mechanisms used in protection of resources in real time environment.	0.9	2.6	1.2	Target not attained

Action taken report:
CO2, CO3: Demonstrate memory management functions of OS by taking Linux, Unix and Windows as case studies
CO4, CO5: Organize a seminar on Scheduling algorithms and effective resource management in real time applications

Course Coordinator   **Mentor**   **HOD**

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	Dr. M. MadhuBala	Department	CSE
Regulations	R16	Batch	2016 -2020
Course Name	Data Warehousing and Data Mining	Course Code:	AIT006
Semester	VI	Target Value	70% (2.1 on 3 Scale)

Attainment of COs:

	Course Outcomes	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Relate knowledge discovery in databases (KDD) process with the help of data warehouse fundamentals and data mining functionalities.	3	2.6	2.9	Target attained
CO2	Select appropriate preprocessing techniques on real time data for usage of data mining algorithms	2.3	2.5	2.3	Target attained
CO3	Apply Apriori and FP growth methods on transaction data for frequent pattern mining.	2.3	2.6	2.4	Target attained
CO4	Choose classification or clustering algorithm for building a classification or prediction model.	0.9	2.6	1.2	Target not attained
CO5	Infer complex data models with respect to multimedia, streams, spatial and web mining.	0.9	2.6	1.2	Target not attained
CO6	Examine data mining algorithms for solving real world problems.	3	2.6	2.9	Target attained

Action taken report:
CO4: Make student to solve exercises on applications of classification and clustering algorithms to enhance understanding of data management techniques.
CO5: Organize expert talk on data mining from complex data-models such as spatial, multimedia and web mining.

Course Coordinator

Mentor