



# 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. J. Tirupathi	Department	CSE
Regulations	R16	Batch	2017 -2021
Course Name	Software Testing Methodology	Course Code:	AIT008
Semester	VII	Target Value	70% (2.1 on 3 Scale)

#### Attainment of COs:

Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the concept of software testing objectives, process criteria, strategies and methods for effective testing.	3.00	2.60	2.9	Target attained
CO2	Classify the key issues and applications in transaction flow testing and data flow testing strategies.	2.30	2.60	2.4	Target attained
CO3	Make use of domains and paths in order to identify nice and ugly domains in domain testing	0.90	2.60	1.2	Target not attained
CO4	Translate the path expressions using logic based testing to KV charts and its specifications.	3.00	2.60	2.9	Target attained
CO5	Develop a defect free module using path products and path expressions.	0.90	2.60	1.2	Target not attained
CO6	Explain the importance of good state graph and bad state graph related to transition testing for effective transition testing.	1.60	2.60	1.8	Target not attained

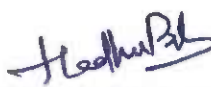
#### Action taken report:

CO3,CO5: Discuss real time case studies on domain testing and path expressions to make student understand how to develop defect free modules.

CO6: Provide exercise on effective transition testing using state graph.

  
J. Tirupathi  
Course Coordinator

  
Mentor

  
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