## Spring 2015-2016

**CUFE Two-Semester System** 

## (0)

## **ILOs Evaluation**

Program Code	Course Code	and Title	Day	From	То	Venue	Group	No of Students
MEP	MEP562 Using Hydraulic Circuits in Me					19302		15

Please mark proper box to indicate how much ability you have gained for each "Intended Learning Objective".				Good	Fair	Poor					
1	Define Hydraulics and show its use in automatic control systems.	5	4	3	2	1					
2	Introduce using virtual-lab and PC programs in studying and analyzing hydraulic control systems and hydraulic circuits.	5	4	3	2	1					
3	Describe and Examine all basic components of a Hydraulic automatic control system.	5	4	3	2	1					
4	Study types of Positive Displac.Pumps,Actuators,pressure valves,directional valves, flow valves, check valves, oils conditioning, conductors, and hydraulic circuit auxiliaries.	5	4	3	2	1					
5	Study hydraulic symbols and Practice reading hydraulic circuit Schematics.	5	4	3	2	1					
6	Study and analyze types of basic hydraulic practical systems: clamp and drill circuit, Hi-low circuit, and a counterbalance circuit.	5	4	3	2	1					
7	Study and practice the design of hydraulic control systems, the Step-displacement diagram, numbering of Hydraulic Elements.	5	4	3	2	1					
8		5	4	3	2	1					
9		5	4	3	2	1					
10		5	4	3	2	1					
11		5	4	3	2	1					
12		5	4	3	2	1					
Your suggestions for the course:											