



DEPARTMENT OF MECHANICAL ENGINEERING

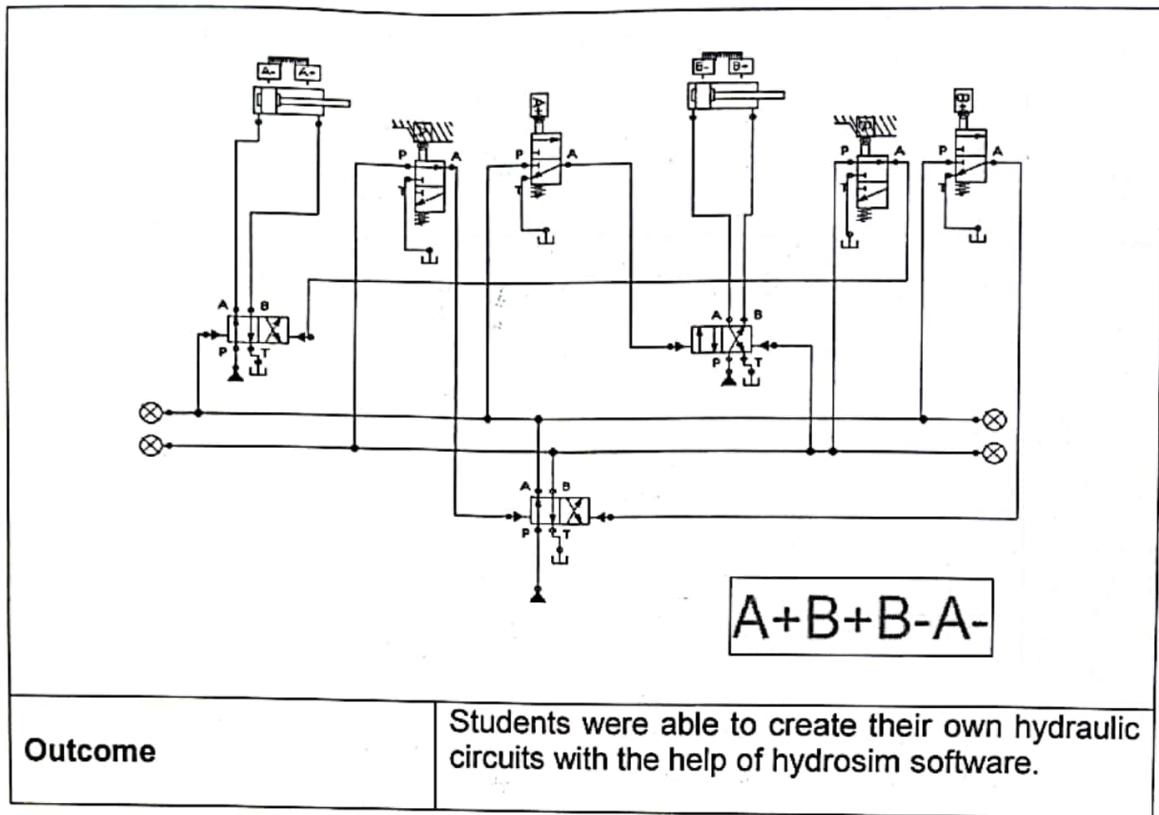
Activity Supports Employability / Entrepreneurship / Skill Development

Subject Code : 15UME904

Subject Name : APPLIED HYDRAULICS AND PNEUMATICS

Activity Supports: Simulation software and Case studies are help to develop the application circuits for various applications to support Employability.

Goal	To promote the use of appropriate computer aided tools to facilitate an innovative digital learning attitude.	
Technique used	In conventional teaching, the students are not able to understand the hydraulic circuit design. Therefore the simulation technique is used for understand the concept clearly.	
Topic	Hydraulic System - Develop the Hydraulic Circuit by using control components and Accumulators	
URL of the Simulation	https://youtu.be/STxNCNbTG2M	
Simulation Tool	Hydro SIM Software	
In Class Activity	What Course Instructor Does	What student Does
	Simulate the software	Practice the Hydrosim Software
	Group Task (Hydraulic circuit simulation)	



Outcome

Students were able to create their own hydraulic circuits with the help of hydrosim software.

P. Karuppusamy
Course Coordinator

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HOD - Mechanical

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