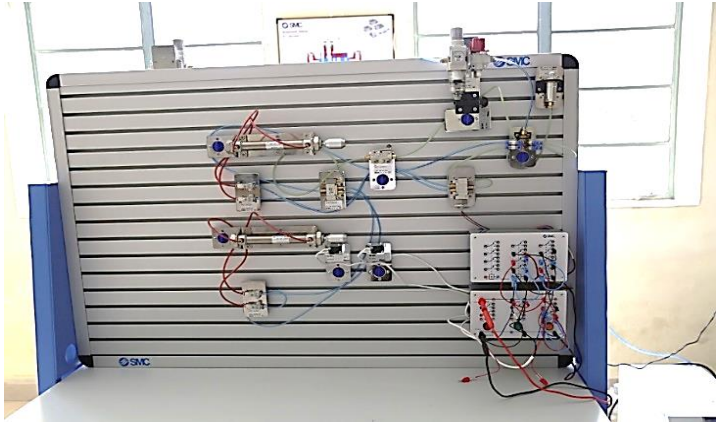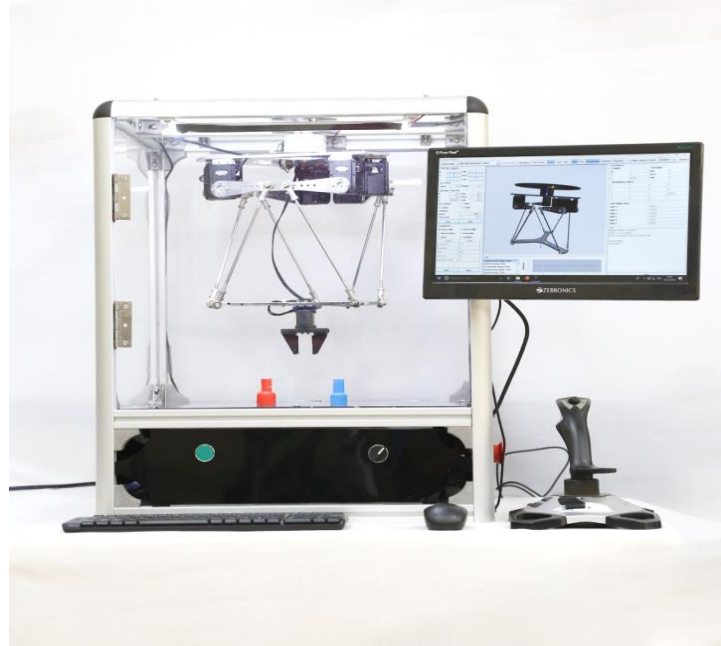| Automation Lab	Car Simulator	 In car simulator, the seating system of a car is installed on a parallel robot structure. The performance of the parallel robot is analysed by providing various load. Also, its performance is analyzed by providing left and right turning movement.
	Electro-Pneumatic Control System	 Design a double cylinder based pneumatic system controlled by electro-pneumatically. High pressure air is supplied from the compressor to operate the pneumatic circuit. All valves and cylinders are controlled electronically.

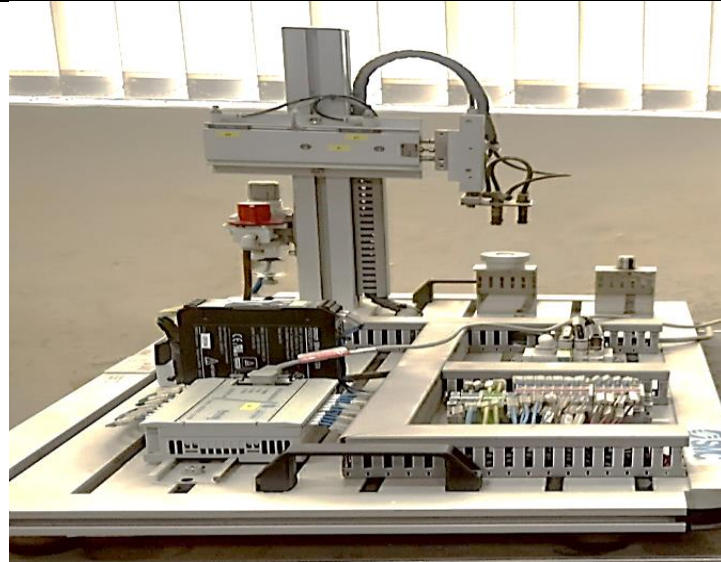|	
Pick and Place Electro-Pneumatic system	 It is an electro-pneumatc controlled system which consists of a parallel robot structure. This set-up is used to demostrate the pick and drop operation.
KUKA robot	 The main components of the test set-up of KUKA robot are cotroller, smartPAD teach pendant and robot structure. In KUKA robot, all the joints are revolute joints. The degree of freedom of the KUKA robot is six. The controller controls the robot operation. Different experiments such as Tool teaching, Base teaching, Pick and drop operation, Path programming etc. can be performed from the set-up.

	Electro-Pneumatic control system (PLC)	 The test-up consists of two pneumatic cylinders. One cylinder provides horizontal movement, and another cylinder provides vertical movement. Both cylinders are controlled by PLC controller. At the end of the vertical cylinder three fingers end effector is connected. This end effector helps to prefer the pick and drop operation. A PLC programme executes the PLC controller and hence the test set-up is controlled by PLC.