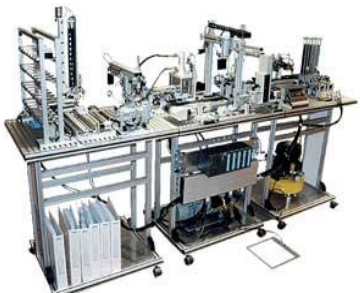



## MECHATRONICS LABORATORY

### About Laboratory:

- Mechatronics laboratory is the integration of Mechanical, Electrical, Electronics & Control, and Computer Engineering.
- It has complete structured automated assembly process and automation for manufacturing steps of feeding, material testing, transportation and handling, pressing and storing.
- It helps to understand basic function as well as physical properties of electrical, Mechanical and pneumatic components used in different Industries.

### Laboratory Equipments/Instruments:


Sr. No.	Name of Equipment/Instrument	Specifications	Qty.	Figure
1	Cube Assembly Workstation	Complete assembly of process & automation for manufacturing steps of feeding, material testing, transporting, handling, pressing and storing.	1	
2	S7 300 PLC Kit: (S7 300 314C PN/DP PLC, 24 Digital Input and 16 Digital Outputs, 5 Analog inputs, 2 Analog output )	S7 300 is used in standard/industrial applications such as automobile, manufacturing industries and process industries.	1	

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3	Pneumatic Press	Part of Cube Assembly Workstation Hands on practice for assembling and wiring with PLC	1	
4	Dell Precision T1700 Work Station	Intel(R) Xenon(R) CPU E3-1226 v3 @3.30 GHz, 16 GB RAM	7	