



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



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DEPARTMENT OF MECHANICAL ENGINEERING

NAME OF THE LAB: INDUSTRIAL AUTOMATION LAB

LAB CODE: 17MECC91

Sl.No	Name of the Experiment	You tube Link
1	Introduction of Automation System And Symbols	https://youtu.be/wlyZrdoEM8U
2	Introduction of Programmable Logic Controller (PLC)	https://youtu.be/ZVoR4XddQjE
3	Simulation of Single Acting Cylinder By Using Automation Software	https://youtu.be/wiU_VwNV-eg
4	Simulation of Double Acting Cylinder By Using Automation Software	https://youtu.be/lwxzbHHfuYY
5	Design of Circuits With Logical Sequence (AND Gate) Using Electro Pneumatic Trainer Kits	https://youtu.be/PEXNZcV6tk
6	Design of Circuits With Logical Sequence (OR Gate) Using Electro Pneumatic Trainer Kits	https://youtu.be/zuwyJq4aVSs
7	Automation of Multiple Cylinders In Sequence (A+B+B-A-) Using PLC	https://youtu.be/agPE_4RXq2k
8	Actuation of Hydraulic Cylinder To Find Out Speed Vs. Discharge	https://youtu.be/Q3LnVqKGMP0
9	Design And Testing of Force, Velocity Calculations In Hydraulic Actuation	https://youtu.be/_39-2S7zrzM
10	Automatic Bottle Filling Using Programmable Logic Controller	https://youtu.be/hnJOiOCYe98