

**Pabna Polytechnic Institute**  
Department wise Lab/Workshop Information.

Department Name:- Electrical Technology

Serial	Workshop/Lab Name	Major Working Area	Major Equipment Information			
01	Electrical Power Lab(EP Lab)		<b>SL No.</b>	<b>Equipment Name</b>	<b>Quantity</b>	<b>Function</b>
			01	DC Motor, DC Generator	01	To generate DC voltage
			02	AC Generator( Synchronous Machine)	01	To generate AC voltage
			03	3-Q Induction Motor	01	To start the motor with the starter
			04	1-Q Induction Motor	01	To start the 1-Q motor with the capacitor
			05	Manual Star-Delta starter	01	To start the 3-Q induction motor
			06	Earth resistance tester	01	To measure Earth resistance tester
02	Electrical Mag Lab		<b>SL No.</b>	<b>Equipment Name</b>	<b>Quantity</b>	<b>Function</b>
			01	Oscilloscope		Measure the voltage frequency
			02	DC power supply unit		Variable DC supply range
			03	AF generator		Generate variable frequency
			04	Logic gate trainer board		To make any logic circuit
			05	IC tester		Testing the IC
			06	Light meter		Measuring for Lumen
03	Electric Wiring Shop		<b>SL No.</b>	<b>Equipment Name</b>	<b>Quantity</b>	<b>Function</b>
			01	Volt meter		To measure the electric voltage
			02	Ammeter		To measure the electric current
			03	Wattmeter		To measure the power
			04	Energy meter		To measure the energy
			05	Wear Stripper		To remove insulator





