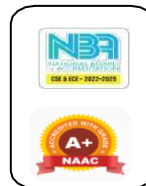




MALINENILAKSHMAIAH WOMEN'S ENGINEERING COLLEGE

(AUTONOMOUS)

(Accredited by "NBA" & "NAAC" Grade | Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Pulladigunta (Vil), Vatticherukuru (Md), Prathipadu Road, Guntur - 522017 A.P.



DEPARTMENT OF SCIENCE AND HUMANITIES –ENGINEERING PHYSICS LABORATORY:

Name of the Laboratory:	ENGINEERING PHYSICS				
Room No:	S2				
Laboratory In-charge:	Dr. P. Sreenivasa Rao				
Laboratory Technician:	Sk. Saidabi				
Area of the Laboratory:	170 sq.m				
Major Equipment :	S. No	Equipment Name	Description	Quantity	
	1	Compound pendulum	Compound pendulum, Digital stop clock, Knife edge.	5	
	2	Laser Diffraction	Diode laser, Diffraction Grating, optical bench, Screen, scale	4	
	3	Planck's constant	Photo cell, Light source, Color filters, Ammeter and Voltmeter kit	4	
	4	Sonometer	Sonometer box, weight hangers, weight slots, turning forks, rubber hammers, different wires (steel, brass, copper)	6	
	5	Stewart And Gee's Apparatus	Stewart gee's apparatus, Deflection magnetometer, ammeter, commutator, plug key, Rheostat and connecting wires	5	
	6	Newton's Rings	Sodium vapour lamp, slit box, Plano-convex lens, plane glass plate, reflecting glass plate, traveling microscope, magnifier,	5	
	7	Diffraction Grating	Spectrometer, mercury vapour lamp, Diffraction grating, slit box and magnifier	5	
	8	Energy band gap	Energy band gap kit, Thermometer and connecting wires.	3	
	9	Thermister	Thermister kit, Thermometer and connecting wires.	3	
	10	B-H Curve	C.R.O, B-H curve kit and probes.	2	
11	Dielectric Constant	Dielectric material, variable capacitor, probes, Dielectric	2		

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		constant kit.	
12	Torsional pendulum	Circular disk, strings, Vernier calipers, Screw gauge and symmetrical weights, stop clock.	4

No. of Tables : 10

Students Occupancy 66

Photos:



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