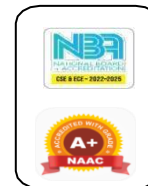




# MALINENILAKSHMAIAH WOMEN'S ENGINEERING COLLEGE

(AUTONOMOUS)

(Accredited by "NBA" & "NAAC" A 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:

Name of the Laboratory:	NETWORK ANALYSIS AND SIMULATION LAB			
Room No:	113			
Laboratory In-charge:	CH. HARI KRISHNA			
Laboratory Technician:	SRI LAKSHMI (ECE)			
Area of the Laboratory:	100 sq feet			
Major Equipment :	S. No	Equipment Name	Description	Quantity
	1	Verify KCL & KVL	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6
	2	Verification of Tellegen's theorem	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6
	3	Determination Of Z and Y parameters	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6
	4	Determination Of H and ABCD parameters	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6
	5	To measure the two port parameters of twin-T network	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6
6	Study of DC Transients in RL, RC, RLC Circuits.	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6	

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	7	Study of frequency response of first order RL & RC Networks.	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6	
	8	Study of transient and steady state response of Second order system.	Resistors, Bread Boards, Multimeters, Ammeters, Volt Meters, regulator power supply Multisim simulation software tool.	6	

No. of Tables : 10

Students Occupancy 66

Photos:



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