GOVT. POLYTECHNIC MAYURBHANJ
MATLAB LESSON PLAN-2023-24

Discipline : ELECTRICAL ENGG.	Semester: 4th Sem		Name of the Teaching Faculty :Hemanta Kumar Sethi	
Subject : Simulation Practice on MATLAB	No. of Days / per week class allotted : 02		Semester From date : 16.01.2024	To Date : 26.04.2024

MONTH	Week	Day		Topics
JANUARY	3rd	3rd	G-I	1(A)MATLAB Software, Basic Features, Tool Box And Different Functions
		4th	G-II	1(A)MATLAB Software, Basic Features, Tool Box And Different Functions
	4TH	3rd	G-I	1.(B) To Learn Arithmetic, Relational And Logic Operator
		4th	G-II	1.(B) To Learn Arithmetic, Relational And Logic Operator
	5TH	3rd	G-I	2.Matrix Formation And Its Manipulation
FEBRUARY	1st	4th	G-II	2.Matrix Formation And Its Manipulation
	2nd	3rd	G-I	3.Vector Manipulation
		4th	G-II	3.Vector Manipulation
	3rd	4th	G-II	4.To Get Familiar With Plotting Commands Used In MATLAB
	4TH	3rd	G-I	4.To Get Familiar With Plotting Commands Used In MATLAB
		4th	G-II	5.To Plot A Unit Circle
	5th	3rd	G-I	5.To Plot A Unit Circle
		4th	G-II	6.To Plot Signals Using Impulse, Step, Ramp Functions
MARCH	2nd	3rd	G-I	6.To Plot Signals Using Impulse, Step, Ramp Functions
		4th	G-II	7.To Plot A Sine And Cosine Wave
	3rd	3rd	G-I	7.To Plot A Sine And Cosine Wave
		4th	G-II	8(A)Verification Of Superposition Theorem
		3rd	G-I	8(A)Verification Of Superposition Theorem

M	**4TH**	4th	G-II	8(B)Verification Of Thevenin's Theorem
	5TH	3rd	G-I	8(B)Verification Of Thevenin's Theorem
		4th	G-II	8(C)Verification Of Norton's Theorem
APRIL	**1st**	3rd	G-I	8(C)Verification Of Norton's Theorem
		4th	G-II	9.Simulation Of A Half Wave Uncontrolled Rectifier
	2nd	3rd	G-I	9.Simulation Of A Half Wave Uncontrolled Rectifier
	3rd	4th	G-II	10.Simulation Of 1-Phase Full Bridge Controlled Rectifier
	4TH	3rd	G-I	10.Simulation Of 1-Phase Full Bridge Controlled Rectifier

Total Practical days=26