

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
		Introduction	I			
		Acceleration -	I			
		Calculation of electric field				
		problem to calculate	I			
		velocity & position of electron at any time in constant E-field				
		potential calculation	I			
		2D, calculation of electron flow	I			
		M-Field Interaction	I			
		Diff. B/w	I			
		E-field, H-field reflection				
		Block diagram	I			
		Diagram of CPO				
		problem as	I			
		CPO				

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
		Fundamentals of	I			
		material				
		M, V, σ , R of	II			
		Semi Conductor				
		problem	II			
		Intrinsic Semi-	II			
		Conductor				
		Extrinsic Semi-	II			
		Conductor				
		problem of Ex-	II			
		trinsic Semi Cond-				
		uctor				
		Band energy level	II			
		Drift, Diffusion current	III			
		introduction of Diode	III			
		V-I characteristics	III			
		of Diode				
		V-I characteristics	III			
		of Diode				
		V-I characteristics	III			

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
		Transition Capacitance	III			
		Dynamic Reactance	III			
		of Diffusion Capacitance				
		Zener diode	III			
		problems of Diode	III			
		Rectifiers, Half wave	IV			
		PIV calculation				
		Full wave Rectifier	IV			
		PIV, η calculation				
		Bridge Rectifier	IV			
		Introduction of	V			
		Transistor				
		Basic structure of	V			
		BJT				
		current component	IV			
		of BJT				
		current component	V			
		of BJT				
		Symbols of CB, CE, CC	V			

Period (Tentative)	Topic	Sem. No.	Methodology	Remarks	Corrective Action Upon Review
	CB characteristics	V			
	FET characteristics	VI			
	Rms				
	CB, CE characteristics	VI			
	of BJT	VI			
	CE o/p, photo trans	VI			
	estor				
	cc characteristics	VI			
	photo transistor	VI			
	load line operation	VI			
	part				
	Emitter, Base - collector	VII			
	Diode				
	Self Biasing circuit	VII			
	Self Biasing circuit	VII			
	s' , s'' , s''' Calculation	VII			
	h parameters representation	VIII			
	A_v , A_k , t , t_o calculation	VII			
	A_v , A_k , t , t_o calculation	VII			