

LESSON PLAN

Period	Date (tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
5	8/11/13	Introduction to electrical machines	I	C.R.		
3	9/11/13	fundamental laws in electrical engg	I	C.R.		
4	11/11/13	Principle of operation of DC generator - parts	I	C.R.		
1	12/11/13	construction of DC @ - Armature windings	I	C.R.		
7	13/11/13	EMF equation and Problem - A.R.	I	C.R.		
5	15/11/13	Types of DC generator	I	C.R.		
3	16/11/13	Problems	I	C.R.		
4	18/11/13	Characteristics of DC generator	I	C.R.		
1	19/11/13	OCC → Problems	I	C.R.		
7	20/11/13	Losses in a DC generator	I	C.R.		
5	22/11/13	Introduction to DC Motors - principle	II	C.R.		
3	23/11/13	Types of DC Motors - Problems	II	C.R.		
4	25/11/13	Characteristics of DC Motors	II	C.R.		
1	26/11/13	Torque equation of DC motor	II	C.R.		
7	27/11/13	Starter - 3-point starter	II	C.R.		
5	29/11/13	Problems	II	C.R.		
3	30/11/13	Losses & Efficiency of DC motor	II	C.R.		
4	2/12/13	Some numerical prob- Problems	II	C.R.		
1	3/12/13	Speed control of DC motor	II	C.R.		
7	4/12/13	Problems	II	C.R.		

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5	6/12/13	Introduction to single phase - T/F	<u>II</u>	CA		
3	7/12/13	construction details of 1- ϕ T/F	<u>III</u>	CA		
4	9/12/13	Types of 1- ϕ T/F	<u>III</u>	CA		
1	10/12/13	EMF equation, ratio of T/F	<u>III</u>	CA		
7	11/12/13	T/F on No-load Phasor-diagrams	<u>III</u>	CA		
5	13/12/13	T/F on load-Phasor-diagrams	<u>III</u>	CA		
3	14/12/13	Performance of 1- ϕ T/F.	<u>IV</u>	CA		
4	16/12/13	Equivalent circuit of 1- ϕ T/F.	<u>IV</u>	CA		
1	17/12/13	Efficiency, regulation of 1- ϕ T/F	<u>IV</u>	CA		
7	18/12/13	OC & SC test on 1- ϕ T/F	<u>IV</u>	CA		
5	20/12/13	Predetermination of % & problem	<u>IV</u>	CA		
3	21/12/13	problem	<u>IV</u>	CA		
4	23/12/13	problem	<u>IV</u>	CA		
1	24/12/13	Introduction to 3- ϕ S.M, E.M.C	<u>V</u>	CA		
4	30/12/13	Principle & operation, Torque equation.	<u>V</u>	CA		
1	31/12/13	Types of 3- ϕ S.M	<u>V</u>	CA		
7	1/1/14	Torque - slip characteristics of S.M	<u>V</u>	CA		
5	31/1/14	problem	<u>V</u>	CA		
3	4/1/14	Power stages - load in S.M	<u>V</u>	CA		
4	6/1/14	starting of S.M	<u>V</u>	CA		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	7/1/14	Calculation of Efficiency	V	C.R		
7	8/1/14	Introduction to Alternators	VI	C.R		
5	10/1/14	Constructional details of Alternators	VI	C.R		
3	11/1/14	EMF - excitation problems	VI	C.R		
4	20/1/14	Pitch, Distribution, and span in @	VI	C.R		
1	21/1/14	Regulation of Alternators - S.M	VI	C.R		
7	22/1/14	Problems	VI	C.R		
5	24/1/14	Single - Phase S.M Double feed revolving	VII	C.R		
3	25/1/14	Shaded pole motor	VII	C.R		
4	27/1/14	Types of 1- ϕ S.M	VII	C.R		
5	31/1/14	AC tachometers - construction works	VII	C.R		
4	3/2/14	Synchronous stepper motor	VII	C.R		
7	5/2/14	Characteristics of Stepper Motor	VII	C.R		
3	8/2/14	Comparison of 1- ϕ & 3- ϕ S.M	VII	C.R		
1	11/2/14	Introduction to measuring Instruments	VIII	C.R		
7	12/2/14	Essential measurements of Induction Instr.	VIII	C.R		
5	14/2/14	Permanent Magnet Moving coil Instr.	VIII	C.R		
3	15/2/14	Moving Iron Instr.	VIII	C.R		
4	17/2/14	Comparison of MI & MC Instr.	VIII	C.R		
1	18/2/14	Problems	VIII	C.R		

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