

LESSON PLAN

| Period | Date (Tentative) | Topic | Unit No. | Teaching Methodology | Remarks | Corrective Action Upon Review |
|----------|------------------|---|----------|----------------------|---------|-------------------------------|
| 07/11/13 | 6 | INTRODUCTION principles of electromagnetism | 1 | | | |
| 09/11/13 | 3 | principle operation of DC Generator | 1 | | | |
| 09/11/13 | 4 | constructional features of D.C. Generator | 1 | | | |
| 11/11/13 | 1 | " | 1 | | | |
| 13/11/13 | 6 | Types of DC Generator | 1 | | | |
| 15/11/13 | 6 | E.M.F. equation & problems on Gmf equation | 1 | | | |
| 16/11/13 | 3 | problems on D.C. Generators | 1 | | | |
| 16/11/13 | 4 | Chks of D.C. Generators | 1 | | | |
| 18/11/13 | 1 | chks of DC Generators | 1 | | | |
| 20/11/13 | 6 | O.C.C of D.C. Shunt-Generators | 1 | | | |
| 22/11/13 | 6 | problems on O.C.C | 1 | | | |
| 23/11/13 | 3 | Principle of D.C. motor | 2 | | | |
| 23/11/13 | 3 | Back e.m.f. in D.C. motor, Torque equation | 2 | | | |
| 25/11/13 | 1 | Different types of D.C. motors | 2 | | | |
| 27/11/13 | 6 | problems on D.C. motors | 2 | | | |
| 27/11/13 | 6 | Chks of D.C. motors | 2 | | | |
| 29/11/13 | 6 | Chks of D.C. motors | 2 | | | |
| 30/11/13 | 3 | Starting of D.C. motors | 2 | | | |
| 30/11/13 | 4 | Three point Starter | 2 | | | |
| 02/12/13 | 1 | losses and efficiency of shunt motor | 2 | | | |

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|----------|------------------|--|----------|----------------------|---------|-------------------------------|
| 04/12/13 | 6 | Swinburn's Test speed control of motors. | 2 | | | |
| 06/12/13 | 6 | principle of Transformers. | 3 | | | |
| 07/12/13 | 3 | types of transformers | 3 | | | |
| 07/12/13 | 4 | Emf equation of Transformers | 3 | | | |
| 07/12/13 | 1 | Constructional feature and phasor diagrams. | 3 | | | |
| 11/12/13 | 6 | Equivalent ckt of Transformer. | 3 | | | |
| 13/12/13 | 6 | Phasor diagrams | 3 | | | |
| 14/12/13 | 3 | problems | 3 | | | |
| 14/12/13 | 4 | losses and efficiency of Transformer and regulation of T/t | 3 | | | |
| 16/12/13 | 1 | problems on losses and efficiency | 4 | | | |
| 18/12/13 | 6 | Explanation of hysteresis and eddy currents | 4 | | | |
| 20/12/13 | 6 | O.C test on 1- ϕ phase T/t | 4 | | | |
| 21/12/13 | 3 | S.C test on 1- ϕ phase T/t | 4 | | | |
| 21/12/13 | 4 | efficiency and regulation | 4 | | | |
| 23/12/13 | 1 | problems | 4 | | | |
| 25/12/13 | 6 | principle of 3-phase induction M/c | 5 | | | |
| 27/12/13 | 6 | Types of Induction M/c | 5 | | | |
| 28/12/13 | 3 | Explanation of squirrel cage and slip rings | 5 | | | |
| 28/12/13 | 4 | Difference b/w slip ring & squirrel cage | 5 | | | |
| 30/12/13 | 1 | Torque in 3- ϕ Induction M/c | 5 | | | |

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|----------|------------------|---|----------|----------------------|---------|-------------------------------|
| 01/01/14 | 6 | R.M.F in 3- ϕ Induction m/c | 5 | | | |
| 03/01/14 | 6 | Efficiency calculation | 5 | | | |
| 04/01/14 | 3 | Starting methods | 5 | | | |
| 04/01/14 | 4 | Starting methods | 5 | | | |
| 06/01/14 | 1 | Constructional features | 6 | | | |
| 08/01/14 | 6 | types of alter ^{alternator} | 6 | | | |
| 10/01/14 | 6 | principle of operation of alternator | 6 | | | |
| 11/01/14 | 3 | E.M.F equation | 6 | | | |
| 11/01/14 | 4 | Distribution and coil span factor | 6 | | | |
| 13/01/14 | 1 | determination of regulation | 6 | | | |
| 15/01/14 | 6 | Synchronous method | 6 | | | |
| 17/01/14 | 6 | O.C and S.C tests | 6 | | | |
| 18/01/14 | 3 | problems | 6 | | | |
| 18/01/14 | 4 | " | 6 | | | |
| 20/01/14 | 1 | Principle of 1- ϕ Induction motor | 7 | | | |
| 22/01/14 | 6 | Double Revolving Field theory | 7 | | | |
| 24/01/14 | 6 | Types of 1- ϕ Induction m/c | 7 | | | |
| 25/01/14 | 3, 4 | operation of split phase ^{resistor} capacitor | 7 | | | |
| 27/01/14 | 1 | operation of shaded pole ^{1-ϕ} induction motor | 7 | | | |
| 29/01/14 | 6 | operation of capacitor start - capacitor run ^{1-ϕ} induction motor | 7 | | | |

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|-------------|---------------------|--|-------------|-------------------------|---------|----------------------------------|
| Period | Date (Tentative) | Topic | Unit No. | Teaching Methodology | Remarks | Corrective Action Upon Review |
| 31/01/14 | 6 | A.C servo motors | 7 | | | |
| 01/02/14 | 3,4 | Stepper motors | 7 | | | |
| 3/02/14 | 1 | Cnts of synchros | 7 | | | |
| 05/02/14 | 6 | Basic principles of indicating instruments | 8 | | | |
| 07/02/14 | 6 | Moving coil instruments | 8 | | | |
| 09/02/14 | 3,4 | Moving Iron instruments | 8 | | | |
| 10/02/14 | 1 | Ammeters | 8 | | | |
| 12/02/14 | 6 | Voltmeters | 8 | | | |
| 14/02/14 | 6 | Problems | 8 | | | |
| 16/02/14 | 3,4 | Problems on Voltmeter, Ammeter | 8 | | | |
| 17/02/14 | 1 | Problems | 8 | | | |

asking you was not completed lesson plan
Ammy
 16/2/14

ask you how ^{at}
completed lesson
plan
~~Amey~~
16/12/13