

| Period | Date<br>(tentative) | Topic                           | Unit<br>No. | Teaching<br>Methodology | Remarks | Corrective Action<br>Upon Review |
|--------|---------------------|---------------------------------|-------------|-------------------------|---------|----------------------------------|
| 1      | 9/11/17             | Introduction to electrical      | 5           | CA                      |         |                                  |
|        |                     | Circuit, Basic definitions      |             |                         |         |                                  |
| 2      | 11/11/17            | Network elements classification |             | CA                      |         |                                  |
| 3      | 12/11/17            | Resistor and Inductor           |             | CA                      |         |                                  |
|        |                     | Capacitor equation.             |             |                         |         |                                  |
| 4      | 13/11/17            | Series and Parallel             |             | CA                      |         |                                  |
|        |                     | Combination of R, L, C          |             |                         |         |                                  |
| 5      | 14/11/17            | Problem on Resistor             |             | CA                      |         |                                  |
| 6      | 15/11/17            | Series and Parallel combination |             |                         |         |                                  |
| 7      | 20/11/17            | Energy Source                   |             | CA                      |         |                                  |
|        |                     | Ideal and Practical             |             |                         |         |                                  |
| 8      | 21/11/17            | Energy source, dependent        |             | CA                      |         |                                  |
|        |                     | Independent source.             |             |                         |         |                                  |
| 9      | 23/11/17            | Voltage Division and            |             | CA                      |         |                                  |
|        |                     | Current Division rule           |             | CA                      |         |                                  |
| 10     | 24/11/17            | Problem on voltage              |             | CA                      |         |                                  |
|        |                     | Division and Current            |             |                         |         |                                  |
| 11     | 27/11/17            | Source Transformation           |             | CA                      |         |                                  |
|        |                     | Thevenin                        |             |                         |         |                                  |
|        |                     | Maximum Power                   |             | CA                      |         |                                  |
|        |                     | Transformation Theorem          |             |                         |         |                                  |

| LESSON PLAN |                     |   |             |                         |         |
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| 12          | 11/12/17            | Kirchoff's laws                                   | II          | CA                      |         |
|             |                     | KVL and KCL                                       |             |                         |         |
|             |                     | Definition  |             | CA                      |         |
| 13          | 11/12/17            | problems on KVL and KCL                           |             | CA                      |         |
| 14          | 12/12/17            | Mesh Analysis                                     |             | CA                      |         |
| 15          | 13/12/17            | nodal analysis                                    |             | CA                      |         |
| 16          | 14/12/17            | Problem on Mesh and Nodal analysis                |             | CA                      |         |
| 17          | 14/12/17            | Star - Delta Transformation                       |             | CA                      |         |
|             |                     | Problem on Star - Delta Transformation            |             | CA                      |         |
| 18          | 18/12/17            | AC Fundamentals                                   |             |                         |         |
|             |                     | Basic definition                                  |             | CA                      |         |
|             |                     | Time period, frequency                            |             |                         |         |
| 19          | 18/12/17            | RMS value of periodic waveform                    |             | CA                      |         |
|             |                     | Average value of periodic waveform                |             | CA                      |         |
| 20          | 20/12/17            | Form factor and peak factor of different waveform |             | CA                      |         |
|             |                     | Waveform  |             |                         |         |
| 21          | 21/12/17            | Steady state Analysis of AC circuit               | III         | CA                      |         |
| 22          | 22/12/17            | Impedance, admittance, Power                      |             | CA                      |         |
| 23          | 23/12/17            | Complex Power                                     |             | CA                      |         |
| 24          | 26/12/17            | Series R, L, RLC                                  |             | CA                      |         |
| 25          | 27/12/17            | Parallel R, L, RLC                                |             | CA                      |         |
| 26          | 28/12/17            | Resonance   |             | CA                      |         |

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| 29     | 28/11/18            | Resonance concept             |             | CL                      |         |                                  |
| 30     | 29/11/18            | Acute Resonance               |             | CL                      |         |                                  |
| 31     | 30/11/18            | Resonance, Conductivity       |             | CL                      |         |                                  |
| 32     |                     | of Series Resonance           |             |                         |         |                                  |
| 33     |                     | Parallel Resonance            |             | CL                      |         |                                  |
| 34     | 2/12/18             | Problem on Resonance          |             | CL                      |         |                                  |
| 35     | 3/12/18             | Problem on Parallel Resonance |             | CL                      |         |                                  |
| 36     | 4/12/18             | Inductive Reactance           | IV          |                         |         |                                  |
| 37     | 5/12/18             | Impedance in AC circuit       |             | CL                      |         |                                  |
| 38     | 6/12/18             | Power in AC circuit           |             | CL                      |         |                                  |
| 39     | 7/12/18             | Power factor                  |             | CL                      |         |                                  |
| 40     | 8/12/18             | Power factor correction       |             | CL                      |         |                                  |
| 41     | 9/12/18             | Problem on Power factor       |             | CL                      |         |                                  |
| 42     | 10/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 43     | 11/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 44     | 12/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 45     | 13/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 46     | 14/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 47     | 15/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 48     | 16/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 49     | 17/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 50     | 18/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 51     | 19/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 52     | 20/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 53     | 21/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 54     | 22/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 55     | 23/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 56     | 24/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 57     | 25/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 58     | 26/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 59     | 27/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 60     | 28/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 61     | 29/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 62     | 30/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 63     | 31/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 64     | 1/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 65     | 2/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 66     | 3/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 67     | 4/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 68     | 5/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 69     | 6/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 70     | 7/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 71     | 8/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 72     | 9/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 73     | 10/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 74     | 11/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 75     | 12/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 76     | 13/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 77     | 14/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 78     | 15/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 79     | 16/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 80     | 17/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 81     | 18/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 82     | 19/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 83     | 20/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 84     | 21/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 85     | 22/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 86     | 23/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 87     | 24/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 88     | 25/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 89     | 26/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 90     | 27/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 91     | 28/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 92     | 29/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 93     | 30/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 94     | 31/1/19             | Problem on Power factor       |             | CL                      |         |                                  |
| 95     | 1/2/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 96     | 2/2/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 97     | 3/2/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 98     | 4/2/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 99     | 5/2/19              | Problem on Power factor       |             | CL                      |         |                                  |
| 100    | 6/2/19              | Problem on Power factor       |             | CL                      |         |                                  |

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| 43     | 28/11/18            | Resonance concept             | IV          | CL                      |         |                                  |
| 44     | 29/11/18            | Acute Resonance               |             | CL                      |         |                                  |
| 45     | 30/11/18            | Resonance, Conductivity       |             | CL                      |         |                                  |
| 46     |                     | of Series Resonance           |             |                         |         |                                  |
| 47     |                     | Parallel Resonance            |             | CL                      |         |                                  |
| 48     | 2/12/18             | Problem on Resonance          |             | CL                      |         |                                  |
| 49     | 3/12/18             | Problem on Parallel Resonance |             | CL                      |         |                                  |
| 50     | 4/12/18             | Inductive Reactance           | IV          |                         |         |                                  |
| 51     | 5/12/18             | Impedance in AC circuit       |             | CL                      |         |                                  |
| 52     | 6/12/18             | Power in AC circuit           |             | CL                      |         |                                  |
| 53     | 7/12/18             | Power factor                  |             | CL                      |         |                                  |
| 54     | 8/12/18             | Power factor correction       |             | CL                      |         |                                  |
| 55     | 9/12/18             | Problem on Power factor       |             | CL                      |         |                                  |
| 56     | 10/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 57     | 11/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 58     | 12/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
| 59     | 13/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
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| 76     | 30/12/18            | Problem on Power factor       |             | CL                      |         |                                  |
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| 78     | 1/1/19              | Problem on Power factor       |             | CL                      |         |                                  |
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