Lesson Plan

Name of faculty : Ruby Sathiala

Discipline : Electrical Engineering

Semester : 7th

Subject : Transducer Applications Lab (ET-421-E)

Lesson plan duration : 15 weeks

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| **Week** | **Experiment Planned** | **Actually performed on (date)** |
| Date  | **HOD Sign.**  | **Director-Principal**  |
| 1st  | To measure temperature using RTD. |  |  |  |
| 2nd  | To measure displacement using LVDT. |  |  |  |
| 3rd  | To measure load using load cell. |  |  |  |
| 4th  | To measure pressure using Cantilever. |  |  |  |
| 5th  | To measure light using LDR & Photo cell. |  |  |  |
| 6th  | **1st internal viva** |  |  |  |
| **7th** | **1st Sessionals**  |
| 8th  | To measure angular displacement using Capacitive transducer. |  |  |  |
| 9th  | To measure variation in water level using Capacitive transducer. |  |  |  |
| 10th  | To measure speed of DC motor using Reluctance method. |  |  |  |
| 11th  | To measure strain using Strain gauge. |  |  |  |
| 12th  | To measure speed using Photo interrupter method.  |  |  |  |
| 13th  | **2nd internal viva** |  |  |  |
| **14th**  | **2nd Sessionals**  |
| 15th  | Revision / Practice |  |  |  |