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 |  |  |  |