Lesson Plan

Name of faculty : Sita Devi

Discipline : Electrical Engineering

Semester : 5th

Subject :Electronic Measurement and instruments

Lesson plan duration : 15 weeks

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| Week | Experiment Planned | Actually performed on (date) |
| 1st  | To measure displacement using LVDT |  |
| 2nd  | To study & display parameters (liquid flow etc) using LDR |  |
| 3rd  | To measure temperature using RTD |  |
| 4th  | To measure temperature coefficient of materials using thermocouple  |  |
| 5th  | To measure pressure using strain guage  |  |
| 6th  | To measure the distortion in amplifier using distortion meter |  |
| **7th** | **1st Sessionals**  |  |
| 8th  | To study op-amp as instrumentation amplifier  |  |
| 9th  | To study op-amp as half wave and full wave precision rectifier  |  |
| 10th  | To study and analyse CRO, sampling & storage CRO, digital CRO.  |  |
| 11th  | Experiment to study op-amp as AD/DA converter  |  |
| 12th  | To study Nixie tubes, Led,LCD, discharge device, familiarize with digital frequency meter, frequency synthesizers  |  |
| 13th  | Experiment to measure the speed of dc motor using magnetic pick up.  |  |
| **14th**  | **2nd Sessionals**  |  |
| 15th  | Experiment to measure the speed of dc motor using photo electric pick up.  |  |