

EN607 – Solar and Environmental Engineering Laboratory (till 2019)

LIST OF EXPERIMENTS

1. Measurement of direct and diffused beam radiation.
2. pH measurement of different water/waste water using pH meter.
3. V-I characteristics of PV panel and performance evaluation of PV panel in series and parallel combination.
4. COD estimation of anaerobically digested distillery spent wash (ADSW).
5. Performance evaluation of Flat Plate Collector (FPC).
6. Measurement of Dissolved oxygen in various water samples.
7. BOD estimation of anaerobically digested distillery spent wash (ADSW).
8. Measurement of Electrical conductivity of various water samples.
9. Determination of Total dissolved solids in waste water samples.
10. Determination of Noise reduction levels caused by Noise absorbent materials using Noise dosimeter.
11. Determination of luminous intensity of various light sources by lux meter.
12. Determination of Respirable dust in the air using dust sampler.