

## Name of the Lab : Renewable Energy Systems Laboratory

EE8712 (Odd Semester)

Regulation 2017

### Virtual Link

S.NO.	NAME OF THE EQUIPMENT	Hyper Link
1	Simulation study on Solar PV Energy System.	<a href="https://www.youtube.com/watch?v=x-S11tqi5Bw">https://www.youtube.com/watch?v=x-S11tqi5Bw</a>
2	Experiment on “VI-Characteristics and Efficiency of 1kWp Solar PV System”.	<a href="https://www.youtube.com/watch?v=1BIUC8nYuTs">https://www.youtube.com/watch?v=1BIUC8nYuTs</a>
3	Experiment on “Shadowing effect & diode based solution in 1kWp Solar PV System”.	<a href="https://www.youtube.com/watch?v=vrlzN3Qdxgg">https://www.youtube.com/watch?v=vrlzN3Qdxgg</a>
4	Experiment on Performance assessment of Grid connected and Standalone 1kWp Solar Power System.	<a href="https://www.youtube.com/watch?v=nqmZGltZ-oM">https://www.youtube.com/watch?v=nqmZGltZ-oM</a>
6	Simulation study on Wind Energy Generator.	<a href="https://www.youtube.com/watch?v=5QEof5HXF8">https://www.youtube.com/watch?v=5QEof5HXF8</a>
7	Experiment on Performance assessment of micro Wind Energy Generator.	<a href="https://www.youtube.com/watch?v=6Rlx03RuKpY">https://www.youtube.com/watch?v=6Rlx03RuKpY</a>
8	Simulation study on Hybrid (Solar-Wind) Power System.	<a href="https://www.youtube.com/watch?v=tEK5MeKYEDY">https://www.youtube.com/watch?v=tEK5MeKYEDY</a>
9	Experiment on Performance Assessment of Hybrid (Solar-Wind) Power System.	<a href="https://www.youtube.com/watch?v=hBx3O55ITDw">https://www.youtube.com/watch?v=hBx3O55ITDw</a>
10	Simulation study on Hydel Power	<a href="https://www.youtube.com/watch?v=gdOaG8cKLuy">https://www.youtube.com/watch?v=gdOaG8cKLuy</a>
11	Experiment on Performance Assessment of 100W Fuel Cell.	<a href="https://www.youtube.com/watch?v=mlZkXtaEQG0">https://www.youtube.com/watch?v=mlZkXtaEQG0</a>
12	Simulation study on Intelligent Controllers for Hybrid Systems.	<a href="https://www.youtube.com/watch?v=m5L6bde3bAk">https://www.youtube.com/watch?v=m5L6bde3bAk</a>
13	Study of Solar Street Lighting and Lanterns	<a href="https://www.youtube.com/watch?v=edelI5o3i2g">https://www.youtube.com/watch?v=edelI5o3i2g</a>
14	Study of MPPT algorithms	<a href="https://www.youtube.com/watch?v=C_1bxQPtoT0">https://www.youtube.com/watch?v=C_1bxQPtoT0</a>