

## Department of Electrical and Electronics Engineering

### Research & Development

#### Research Facilities

- ❖ **The Department is approved as a recognised research centre for doing Ph.D. and M.S. (By Research) programmes by Anna University.**
- ❖ The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate.
- ❖ Well established laboratories are equipped with instruments for pursuing research in core areas of electrical and electronics engineering.
- ❖ The department owns a Centre of Renewable Energy which caters to the needs of researchers for pursuing research with the latest equipments.
- ❖ The objectives are:
  - ♦ To be a vibrant research centre that is suitable for sustainable research activities
  - ♦ To have industrial tie-up for collaborative research in emerging areas
  - ♦ To deliver the latest research in the field of wind and solar power industry



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Some of the key facilities available for pursuing research are:

### Research Facilities

S. No.	Name of the Equipment / Facility	Type of the Equipment	Quantity
1	MATLAB / SIMULINK	Software	7
2	LabVIEW	Software	5
3	ETAP 14.1.0 (R&D) Version	Software	1
4	AU Power Lab	Software	11
5	dSPACE Control Work Station	Software	1
6	AC, DC, Stepper and BLDC Motor	Hardware	1 (Each)
7	MOSFET Power Module	Hardware	1
8	Storage Oscilloscopes	Hardware	10
9	LCR Meter	Hardware	1
10	Converter and Inverter Modules	Hardware	2
11	DC Machines	Hardware	11
12	AC Machines	Hardware	12
13	Digital Clamp Meter	Hardware	2
14	VVVF Module	Hardware	1