

**R&D Project Streams offered by CPRI**

Sl. No.	Area of Research
	<b>Branch: Electrical Engineering</b>
1	Power Electronics (Solar based Converters i.e. MPPT controlled Dc to DC converters, PWM & Multilevel inverters, Power Quality issues and their resolution)
2	Cyber Security
3	Battery / Battery Energy Storage System (BESS)
4	Smart Metering Technology and Advancements – Electromagnetic Compatibility (EMC) of Smart Energy Meters
5	Power Quality Studies on EV Chargers
6	Improving Efficiency of Solar Water Pumping System
	<b>Branch: Mechanical Engineering</b>
7	Combustion behavior of Solid Fuels and CFD modeling of Solid Fuel Combustion
8	Metallurgy / Ceramics / Mechanical
	<b>Branch: Polymer Science &amp; Technology / Chemical Engineering</b>
9	Alternate Dielectric Fluids for Transformer Applications
10	Combustion behavior of Solid Fuels and CFD modeling of Solid Fuel Combustion