

Name of Funded Project	Additional Facility
<b>Renewable Smart Grid Laboratory</b>	<ul style="list-style-type: none"> <li>➤ Different capacity Solar panels,</li> <li>➤ Online Monitoring System</li> <li>➤ 12V 66AH (6EL) Tubular Battery</li> <li>➤ Wind Turbine, 300W to 1KW, Rooftop wind energy turbine</li> <li>➤ Raspberry Pi -1GB, Motherboard Development Kit</li> <li>➤ Thrust area sensor kit: Velocity sensors, Temperature sensors, Humidity sensors, Pressure sensors</li> <li>➤ Arduino Uno</li> </ul>
<b>Innovation Lab Rapid Prototyping of IoT Products</b>	<ul style="list-style-type: none"> <li>➤ NVIDIA Jetson Kit Xavier NX Module</li> <li>➤ Single chip 76-GHZ automotive radar sensor evaluation module AER1642BOOST</li> <li>➤ 77 GHZ mm wave sensor evaluation board with direct connectivity to the TIMCU Launch Pad AWR1843BOOST</li> <li>➤ Display Development Tools</li> <li>➤ Toradex Colibri Evaluation Board 1013201</li> <li>➤ Development Board – ARM 16/32 Bit Micros STM32L4R9I</li> <li>➤ High Quality 4 channel DSO with 100 MHZ bandwidth DS1104Z plus</li> <li>➤ High Quality two channel function/arbitrary waveform generator with 35 MHZ bandwidth, 125 Msa/s DG832</li> <li>➤ High quality programmable DC power supply with one output channel DP712</li> <li>➤ 5 ½ Digit true RMS precision table multimeter to measure voltages, current, resistances, capacitance, and frequencies. DM3058E Digital AL multimeter</li> <li>➤ High voltage probe with 40 MHZ bandwidth, 10KV max DC voltage, 1000:1 RP1010H</li> <li>➤ Monitoring Device for IoT Projects (12-inch HMI solution)</li> </ul>