



**MANIPAL UNIVERSITY JAIPUR**  
School of Electrical, Electronics & Communication  
Engineering

Department of Electrical Engineering

***Lab & Equipment Details (PED Lab)***

***LAB Location: 1AB Building, 213***

Name of Laboratory	Power Electronics & Drives Lab
Lab Description	This lab includes experiments to study different power converters their control strategy for different kind of load, DC-DC converter, Harmonics Analysis, performance improvement with freewheeling diode and AC Drives.
Lab Resources	<ol style="list-style-type: none"><li>1) Three Phase Power Analyzer</li><li>2) DC-DC converter</li><li>3) AC-DC Converter</li><li>4) DC-AC Converter</li><li>5) PMSM Motor Drives</li><li>6) Induction Motor Drives</li><li>7) Battery Management System</li><li>8) Power Scope</li></ol>