

Location: **BHEL, HARIDWAR**

Year of Implementation: **2006-2007**

Product Summary:

Project	
Project	Online Di-Electric Parameter Monitoring System
Installation, Development and Implementation	<p>During the testing of generators, user needs to measure the voltages, capacitance etc. in generator, analyze the data and make the reports. We did the PC-based automation for this as follows: Using the PCI17xx series cards of Advantech's, we did the interfacing of their instruments with the computer. Developed the software, which does the measurement of around xx number of channels of type voltage, scaling, analyzing, visualizing in GUI form and logging the data. Provision for setting the limits for alarming, provision of setting the time rate for logging the data is also provided in the application. When the test is complete, user can generate the reports of different types. User could do the offline processing, filter the records based on time or the record number etc.</p>
Software & Language Used:	Operating System WinXP and Language Visual C

