Location: **BHEL, HARIDWAR**

Year of Implementation: 2007

Product Summary:

Project	**Winding Vibration Monitoring System**
Installation, Development and Implementation	During the testing of windings in generators, user needs to measure the vibration of windings in generator, analyze the data and make the reports. We did the PC-based automation for this as follows: PCI-17xx series cards of Advantech's, were used for this appln. Developed the software, which does the measurement of around 15 channels of type voltages, 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 can do the offline processing/analyzing, filter the records based on time or the record number etc.
Software & Language Used:	Operating System **WinXP** and Language **Visual C**