



Course no. 15: PROFIBUS design & installation		Duration : 2 day
Target audience	The course is targeting technical personnel who will be involved in design, installation and maintenance of PROFIBUS solutions.	
Prerequisites	Basic knowledge regarding automation technology and equipment. User of Windows based PCs	
Short description	<p>Basic introduction to PROFIBUS technology/solutions. The course will cover topics such as:</p> <ul style="list-style-type: none"> • General Introduction to the PROFIBUS standard • Cable / RS 485 technology • Grounding and shielding • Repeaters • Network components • Addressing, bus parameters and cycle times • Setting up a network / setting bus parameters • Practical exercises in connecting/replacing components • Practical exercises in setup/addressing of components • Testing/documentation of PROFIBUS network by use of test tools • Strategy of faultfinding • Troubleshooting / Diagnostics 	
Objectives	<p>Upon completion of this course the attendant will obtain:</p> <ul style="list-style-type: none"> • Basic understanding of PROFIBUS network • Skills in design & installation of PROFIBUS network • Skills in setup/test and diagnostics of PROFIBUS network 	