

Trainer Name	Dr Hassan Kaghazchi
Trainer Details	PhD, MEng, BEng, CEng, Senior Member ISA, ISA Certified Automation Professional (CAP) An automation professional with over 30 years' experience in Research and Development, Education, Training, and Consultancy in the field.
Course Title	PROFIBUS Maintenance Technician Course
Aim	The aim of this course is to familiarise the participants with the basics of PROFIBUS networks. The candidate should be able to fault find and isolate problems with the networks during operation phase of a plant.
Content	<ul style="list-style-type: none"> <li>▪ Introduction &amp; Basic Principles</li> <li>▪ Making up a PROFIBUS-DP Cable</li> <li>▪ Using BT200</li> <li>▪ Setting up a PROFIBUS-DP Network</li> <li>▪ PROFIBUS Addressing</li> <li>▪ RS 485 and PROFIBUS –DP</li> <li>▪ Basic Principles of Transmission Technology</li> <li>▪ Grounding and shielding.</li> <li>▪ Test &amp; Measurement tools</li> <li>▪ Strategy for troubleshooting</li> <li>▪ Using Bus analyser &amp; RS485-Measurement Examples</li> </ul>
Duration	2 Days
Location	All Ireland
Who should apply	Plant Operations and Maintenance Personnel
Certification	NA
Number of places	8 per course
Training methods	Theory & practical sessions using the most comprehensive training and AV equipment
For further information	<p><b>PROFIBUS Ireland</b>  <b>Automation Research Centre</b>  <b>University of Limerick</b>  <b>061-202107, 061-240240</b>  <a href="mailto:training@profibus.ie">training@profibus.ie</a>  <a href="http://www.profibus.ie">www.profibus.ie</a></p> 