



# UL GROUP ANNOUNCES PROFIBUS TRAINING PROGRAM IN 2012

## 1. PROFIBUS Maintenance and troubleshooting Training workshop

### Lead Section:

This training program is full of information for all those who design, install and maintain the PROFIBUS Networks. This workshop provides a substantial knowledge that can be practiced immediately. The course participants will be able to analyze, localize and solve a problem. With the hands-on practical's all the information received about cabling, shielding, grounding and measurement tools is can be put into practice by the participants.

### What to Learn:

- Basics of PROFIBUS.
- Data structure.
- Cabling Techniques.
- Importance of Shielding & grounding.
- Various PROFIBUS components.
- Capability to maintain PROFIBUS Networks.
- Problem Analysis on PROFIBUS Networks.
- Problem Solving on PROFIBUS Networks.
- Various Diagnostic tools on PROFIBUS Networks.
- Usage of Tools on PROFIBUS Networks.

### Courses Is Intended For:

- Service personnel or Operators.
- Installation Companies.
- Industrial PROFIBUS users.
- Engineering Companies.
- Hardware and Software Engineers

### Q&A:

- Queries from participants.
- Conclusion

### Courses Duration:

2 Days

## 2. PROFIBUS Basic Training workshop

### What to learn:

Basics of **PROFIBUS**.  
OSI model.  
Topology and addressing.  
Communication relations, Token passing, Baud rates.  
Introduction to **PROFIBUS** technology.  
Master/slave communication.  
Profibus versions.  
Various **PROFIBUS** components.  
GSD file for **PROFIBUS** Communication.  
Design Aspects of **PROFIBUS** Networks.  
Couplers for connecting PA devices on **PROFIBUS** Networks.  
Grounding and shielding practices, External influence on Bus Cables, reflections.

### Courses Is Intended For:

Service personnel or Operators.  
Installation Companies.  
Industrial **PROFIBUS** users.  
Engineering Companies.

### Q&A:

Queries from participants,  
Conclusion

### Courses Duration:

1 Day

With warm regards

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<b>Profibus Training Calendar 2012</b>	
Please mark your location and date preference date from below information	
Month	Dates
Jan	16th,17th
Feb	13th,14th
March	12th,13th
April	16th,17th
May	14th,15th
June	11th,12th
July	16th, 17th
Aug	13th,14th
Sep	10th,11th
Oct	15th,16th
Nov	12th,13th
Dec	10th,11th
<b>Venue: Pune</b> Note: Other Venues from Bangalore, Chennai, Hyderabad, Kolkata, Delhi, Ahmedabad can be planned based on minimum no. of participant from that city	

For registration mail to [profibus@ulepl.com](mailto:profibus@ulepl.com) or contact on 9970006819

**UL Group** is 1 Stop for all your **PROFIBUS** needs....