



# CATALOGUE TRAINING CALENDAR 2025

Information & registrations



Apply here!

# “ZIV UNIVERSITY” ON-SITE TRAINING

LIMITED SEATS AVAILABLE – APPLY NOW



950€ (+VAT)

## COMMUNICATIONS



HANDS-ON

Register now

22–23 April, Barcelona (ESP)  
20–21 May, Barcelona (ENG)

1.950€ (+VAT)

## PROTECTION & CONTROL



Register now

16–20 June, Bilbao (ESP)

2.100€ (+VAT)

## HANDS ON ZIV FLEX FAMILY



HANDS-ON

Register now

22–26 September, Bilbao (ESP)  
27–31 October, Bilbao (ENG)

1.350€ (+VAT)

## METERING



HANDS-ON

Register now

7–9 October, Bilbao (ESP)

# 1. TRAINING IN TELEPROTECTION SYSTEMS

## What will you learn?

- The importance of teleprotection systems in electrical networks
- Teleprotection communication methods:
- IEC 61850
- Analog and digital links
- Implementation of teleprotection systems over MPLS (Multiprotocol Layer Switching)
- Functions and operation of ZIV's TPU-1 Teleprotection
- Hands-on exercises with ZIV equipment to handle real-world scenarios

## Who should attend?

- ✓ Professionals from electric utilities
- ✓ Engineering firms specializing in electrical networks
- ✓ Maintenance companies



Register now

22-23 April, Barcelona (ESP)  
20-21 May, Barcelona (ENG)



2 SESSIONS | 12 HRS ON-SITE | COURSE HAND-OUTS | LUNCH INCLUDED

PRICE: 950€ (+VAT)

# 2. PRACTICAL COURSE ON PROTECTION AND CONTROL

## HANDS ON ZIV E-NET FLEX FAMILY



[Register now](#)

22-26 September, Bilbao (ESP)  
27-31 October, Bilbao (ENG)

### What will you learn?

- Introduction to the ZIV FLEX FAMILY platform and to the Configuration Tool
- Use Cases
  - IRF – Feeder Protection IED
  - DLF – Line Differential Protection with Distance Backup.
  - IDF – Transformer Protection
  - RTF – Automatic Voltage Regulator

### Who should attend?

- ✓ Professionals from electric utilities
- ✓ Engineering firms specializing in electrical networks
- ✓ Maintenance companies



5 SESSIONS | 36 HRS ON-SITE | COURSE HAND-OUTS | LUNCH

PRICE: 2100€ (+VAT)

# COMMERCIAL CONDITIONS

TRAINING	DATE & PLACE	PRICE	COMMERCIAL CONDITIONS
<b>COMMUNICATIONS</b> <i>Theoretical-Practical Course on Teleprotection Systems for Substations</i>	20-21 May ZIV Barcelona	950€(+VAT)	<p><b>Cost:</b>            Registration per person: Price + IVA            10% discount for second registrations (per company).            Includes teaching material and participation certificate.</p> <p><b>Registration:</b>            People registered for the course via this form will receive a notification email of their pre-registration, including deadlines for payment. The registration will be finalized once the payment is made.</p> <p><b>Payment:</b>            Payment must be completed before the course begins using the selected method (check or transfer). No refunds will be made if the cancellation occurs less than a week before the course starts.</p> <p><b>Substitutions:</b>            A registered participant may be substituted by another until the day before the course begins, provided the change is communicated within the specified timeframe to the email address *ziv@zivautomation.com.</p> <p><b>Cancellation:</b>            ZIV will notify all registered participants if the course is cancelled for any reason. ZIV will not be responsible for any indirect cancellation costs.</p>
<b>PRACTICAL COURSE ON PROTECTION AND CONTROL</b> <i>Hands-on ZIV FLEX FAMILY relays</i>	27-31 October ZIV Zamudio	2100€(+VAT)	<p><b>Substitutions:</b>            A registered participant may be substituted by another until the day before the course begins, provided the change is communicated within the specified timeframe to the email address *ziv@zivautomation.com.</p> <p><b>Cancellation:</b>            ZIV will notify all registered participants if the course is cancelled for any reason. ZIV will not be responsible for any indirect cancellation costs.</p>

## Tax Information:

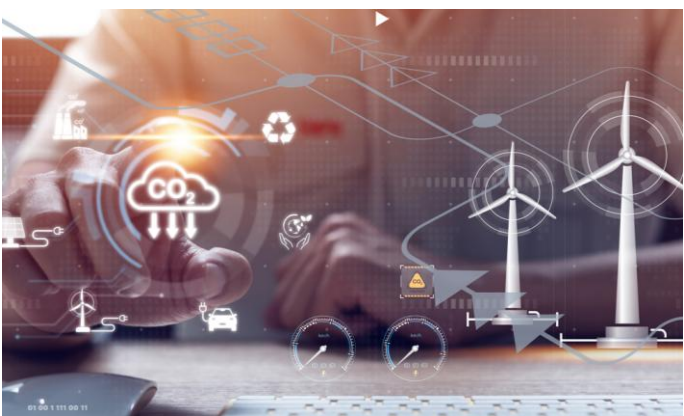
ZIV Aplicaciones y Tecnología, S.L.U.  
 CIF: B-84898741  
 Parque Tecnológico de Zamudio 210,  
 48170 Zamudio, Bizkaia, Spain

## ZIV Zamudio:

Parque Tecnológico de Zamudio 210,  
 48170 Zamudio,  
 Bizkaia, Spain

## ZIV Barcelona:

Carrer de les Ciències, 149-151  
 08908 L'Hospitalet de Llobregat,  
 Barcelona, Spain



Thank you for your interest.  
Register now:

[Register now](#)

