

Are you looking for more accelerated growth In your career ?



Are you prepared to accept challenges of new technologies

Are you planning not to retire for next 10 year



If you are a technical person and want to still feel Young , Energetic , lead your department and be **SUCCESSFUL**

You cannot miss this Advanced Automation 2 days workshop

Dear Engineers,

The production / manufacturing / Automation technologies are changing more rapidly than we can think of them . Every week there is a new development, improvement , new integration of the old technology with the new one.

Now due to greater competition ,there is an increased demand for production which requires better and efficient machines using the latest technology.

We at ACS Pune, have seen some and have had the opportunity to work on some of these technologies. We would like you to join us to understand the Best & Latest technical knowledge . We all would like you to use these for your company.

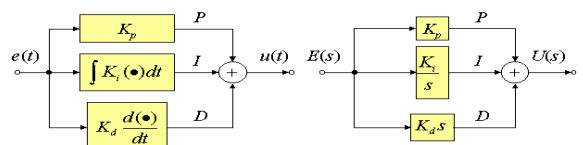
We believe “ Knowledge is price less” and if you use it for your company you can earn / save Millions for company.

We are the only one in Asia to conduct Training on such advance topics.

Enclosed are the topics of Advance Automation which are covered in 2 days

- Analog Input / Outputs
 - Where is it used ?
 - Hardware installation
 - Programming of Analog input
 - Offset and gain calculations
 - PID and demonstration

PID controller functions



- Output feedback
 - from Proportional action
 - Eliminate steady-state offset
 - from Integral action
 - Anticipation
 - from Derivative action
- compare output with set-point
apply constant control even when error is zero
react to rapid rate of change before error grows too big



AC Servo

1. Advantages over other position control devices
2. Parts of Servo
3. Methods of control
 - a) Limit software control
 - b) Pulse Count Control
 - c) Pulse command control
4. Control through PLC
 - a) Absolute system
 - b) Incremental system
5. Selection of proper servo systems for your application
6. Demonstration

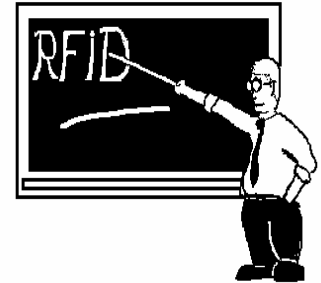
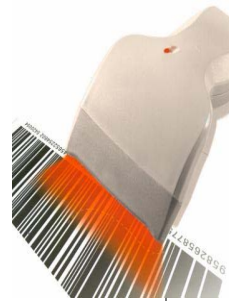
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GSM , Barcode , RFID

- a) Introduction
- b) Industrial application
- c) Commercial application
- d) Hardware installation
- e) Basic programming of these devices
- f) Programming of these through PLC
- g) Simple AT commands
- h) Establishing a communication with PLC
- i) PLC port accessing instructions
- j) Getting all these data on PLC , MMI and on PC



- Communication between two different brand of PLC's
- IEC standard programming language
FBD , ST , IL , SFC , LD

