

- industry cross-fertilisation
- technology transfer
- industry forum
- seminars
- consultancy and case studies
- training

An Introduction to Fuzzy Logic and Fuzzy Control (1-day Course) Agenda

- 9.00 Introduction to Intelligent Control
- 9.30 Fuzzy Logic (Fuzzy Set, Fuzzy Rules and Operators)
- 10.30 Tea/Coffee
- 10.45 Hands-on Exercises (Definition of Fuzzy Sets for Paper Machine Moisture Control)
- 11.15 Fuzzy Logic (Fuzzy Inference Methods, Defuzzification)
- 12.15 Lunch
- 1.00 Hands-on Exercises (Evaluating Fuzzy Rules for Paper Machine Moisture Control)
- 1.45 Fuzzy Controllers (Fuzzy Rule Base, The structure of a Fuzzy Logic Controller, Design Guidelines for a Fuzzy Controller, Pros and Cons of Fuzzy Control)
- 3.00 Tea/Coffee
- 3.15 Hands-on Exercises (Developing a Fuzzy Controller for Paper Machine Moisture Control)
- 4.00 Close