

Newcastle-Durham PhD course: March 2012

Design of Experiments

Wednesday 28 March 2012

Programme

- Brief history of DoE, including NU Palace Leas experiment and guidelines for good experiments
- DoE in context of Quality Improvement, including Taguchi experiments and example from cyclic oxidation testing
- Software, data visualisation and links between DoE and data mining, including example from customer satisfaction surveys
- DoE in context of Six Sigma methodologies for improving efficiency and profitability
- DoE training, including beer experiment
- DoE in public sector, health and service sectors, including examples of conjoint analysis and Kansei