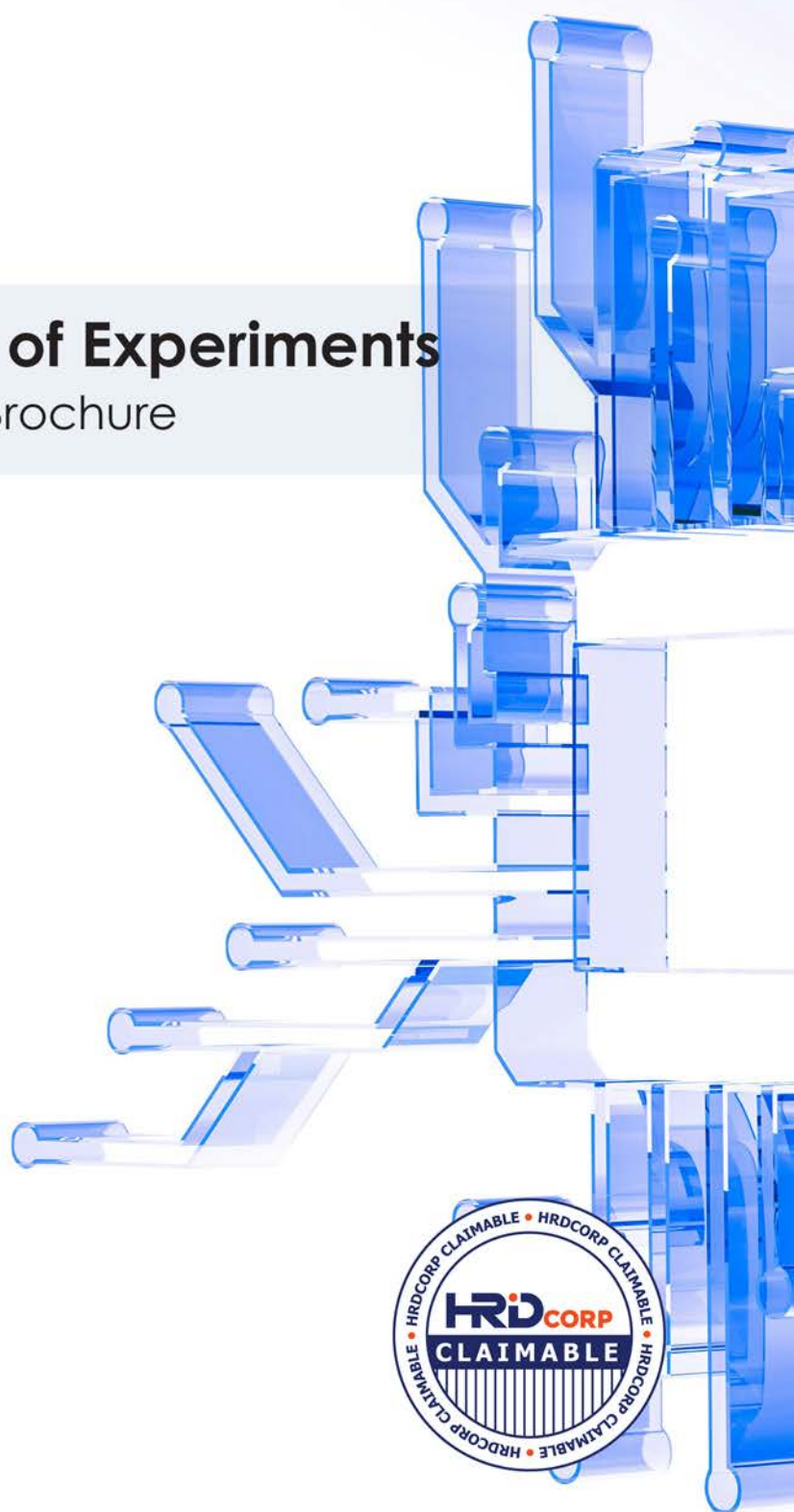
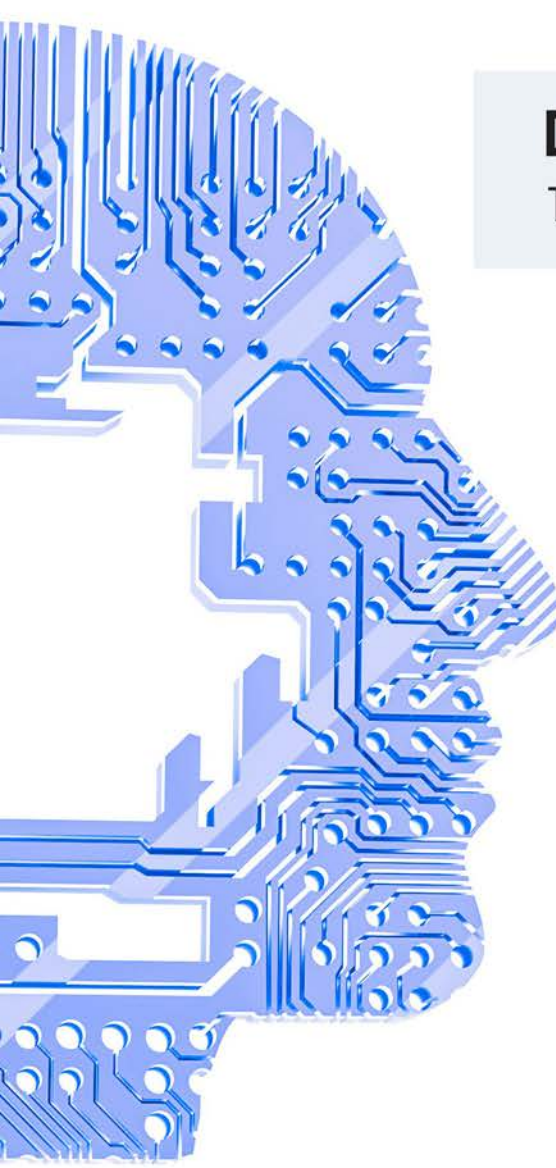


Industry Expert Training Series \* HRD Corp Claimable Course Scheme

# Design of Experiments

## Training Brochure



## Design of Experiments

### COURSE OBJECTIVES

After participating in the training, you will be able to:

- Differentiate traditional experimentation and Design of Experiments (DOE) methods.
- Understand and apply crucial DOE concepts.
- Plan a full factorial or a fractional factorial experiment.
- Analyze DOE results.
- Handle confounding effects.
- Develop process models for process predictions and simulations.
- Use Minitab software for DOE analysis.

### COURSE OUTLINE

1. Types of experimentations
2. Minitab navigation
3. Factorial design and analysis for experimentation
4. Develop process models for process performance prediction and simulations
5. Statistical process control

### DURATION

One (1) full day

### MODE OF TRAINING

Remote Online Training or Classroom Training

### COURSE AGENDA

Time	Details
9.00 am – 12.30 pm	Fundamental concept and terminology Factorial experiment Fundamental concepts for experimentation
12.30 pm – 1.45 pm	Lunch break
1.45 pm – 5.15 pm	Creating full factorial designs Analyzing factorial designs

## **Design of Experiments**

### **CONTACT**

For enquiries, please email to Medsociate Sdn Bhd

Authorised training provider of AMMI

Email: [learning@ammi.com.my](mailto:learning@ammi.com.my) / [admin@medsociate.com](mailto:admin@medsociate.com)

Tel: +6012 539 4194