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Academic Qualification

PhD - Mechanical and Manufacturing Engineering (2014)

Department of Mechanical and Manufacturing Engineering
Faculty of Engineering
Universiti Putra Malaysia, Selangor, Malaysia

MSc - Mechanical and Manufacturing Engineering (2010)

Department of Mechanical and Manufacturing Engineering
Faculty of Engineering
Universiti Putra Malaysia, Selangor, Malaysia

Bachelor of Engineering (Hons) - Mechanical Engineering (1999)

Department of Mechanical Engineering
Faculty of Engineering
Universitas Gadjah Mada, Yogyakarta, Indonesia

Brief Profile

My research interests include the following:

- Manufacturing Systems and Sustainable Manufacturing
- Metal Matrix Composites (MMCs)
- Casting Technology
- Product Development and Concurrent Engineering

Research Project

Development of Metal Matrix Composites Automotive Component using Concurrent Engineering Strategy | Sept 2014 – Aug 2016 | Project leader (Application Process).

Analysis of Molten Metal Flow, Solidification and the Effect of Vibration of MMC in Casting | Dec 2007 – Nov 2010 | Project member.