

# BMM3643 Manufacturing Processes

## Metal Casting Processes (Sand Casting)

### Individual Assignment 1

by

Dr Mas Ayu Bt Hassan  
Faculty of Mechanical Engineering  
[masszee@ump.edu.my](mailto:masszee@ump.edu.my)



# Assignment 1 - Sand Casting

- Aims
  - Able to explain and solved problem in sand casting process
- Expected Outcomes
  - Understand the fundamental of sand casting process
  - Able to explain sand casting features and functions
  - Understand the advantages and limitations in sand casting for selection
  - Able to analyze the cause of defect occurs in castings and capable to develop design product based on design considerations





# Individual Assignment 1 Format

Please remember to **include the questions** given in the assignments. **Cover page** of the assignment should include:

1. Your Name & No. Matric
2. Section
3. Lecturer's Name
4. Submission date

**ZERO MARKS for PLAGIARISM & COPY/PASTE from internet !!!**

Late submission also will be penalized

