

# COURSE 3

# High-Speed & High-Performance Machining



## OBJECTIVES

- To understand what is HSM & HPM
- To identify the requirements in HSM & HPM
- To know the importance of HSM & HPM in terms of automation, and its advantages in fast machining

## COURSE OUTLINE

### 1. What are High-Speed & High-Performance Machining (HSM & HPM)?

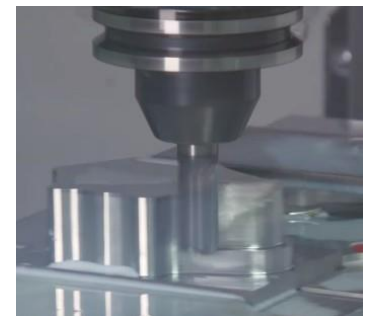
- Not only for mold-making applications
- Aggressive-cutting method with high feed rate

### 2. Requirements for HSM & HPM

- Machine's Parameters
- Tooling & workholding selection
- Processes & machining strategies

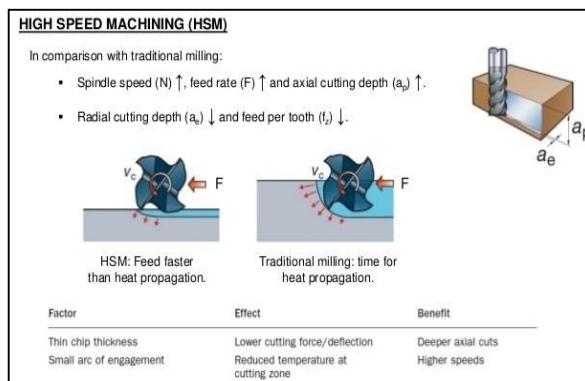
### 3. Benefits of HSM & HPM

- Cost-saving
- Increased efficiency
- Better quality finishing



## DURATION

- 5 days
- 3 days of theory
- 2 days of practical



**IBCT Program**  
Towards TVET

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