



# MUHD SYAHRIR AHMAD

## EDUCATION



Bach. in Bachelor of  
Technology- Production  
Technology.  
(UTHM, Malaysia)



MSc. in Manufacturing  
System Engineering  
(UPM, Malaysia)

## CONTACT



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## EXPERTISE

### Field

Manufacturing Engineering

### Expertise

Tool and Dies, Rapid Prototyping  
& Manufacturing System

### Specialization

Tooling Design  
Rapid Prototyping  
Product Design  
CAD Drawing

## RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on experimental study using specially designed specimen to determine the effect of thermal parameter used on the RP part built using 3D printer ProJet SD 3000. The parameters of concern are geometrical dimension, shrinkage and flatness. The mechanical properties of the specimen have been determined using the tensile testing machine in order to identify the effect of post processing temperature on the strength of the specimens. It is expected that the post processing temperature will play the major role in maintaining the geometrical accuracy of the RP products since heating used will lead to increase the shrinkage, warpage and reduce the accuracy.



### PROFESSIONAL MEMBERSHIP

- Malaysia Board of Technologists (MBOT)
- UTHM Alumni Association, Malaysia



### NETWORKING & RESEARCH COLLABORATION

- MRAILS – Modelling



### PUBLICATION

- Google Scholar-Muhammad Syahrir Ahmad



Directory  
of  
**eXpert**