

CHE MOHAMAD B. CHE OMAR



EDUCATION



Bachelor of
Technology
Tool And
Die



Masters, Manufacturing System
Engineering

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EXPERTISE

Field

Engineering Technology

Expertise

Machining Technology

Specialization

Tool and Die
CAD/CAM Technology

RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on the areas of machining that consist of the analysis in surface roughness and tool live for cutting tools. A study of the influence of cutting parameters level on the main cutting speed for machining rotational parts by using High-Speed Steel (HSS) cutting tools. Dependent on workpiece material, the rake angle of the cutting tool have important influence on surface finish, and cutting forces. . It was seen in all works on cutting forces by chip removal that the acting forces directly influence cutting parameters such as cutting speed, feed rate, depth of cut, tool rake angle and tool life [1]. For this purpose, a testing will be conducted to study the effect of the cutting parameters on the surface finish or surface roughness. This research will take place at TATI University College and by the end of the research, the result could be used for machining operation purposes.



PROFESSIONAL MEMBERSHIP

- Malaysia Board of Technologists (MBOT)
- Malaysia Technology Society (Myset)



NETWORKING & RESEARCH COLLABORATION



PUBLICATION

Directory
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eXpert

