



اُونِيُوَرَسِيْتِي تِيكْنُوْلُوْجِي مَارَا
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**UNIVERSITI TEKNOLOGI MARA
CAWANGAN TERENGGANU**

MEC300

**PORTABLE SIEVE FOR GREENSAND
AND CAST DAMASCUS STEEL KNIFE**

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ABSTRACT

The production of metal casting was a very well-known engineering and also can be called as a legend because it was happening for thousands of years. The objectives of this final year project were to fabricate portable sieve for greensand to student in Faculty of Mechanical Engineering UiTM Bukit Besi Campus and to create a sieve machine that produce an extremely sharp and hard knife with least defect. The method to produce this project were planning, designing, drilling, cutting, welding, assembling, sand moulding and obviously smelting. The result of the portable sieve for greensand were achieve the objective but the production of cast Damascus steel knife reached it owns limitation.

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