

Research & Innovation

School of Mechanical Engineering

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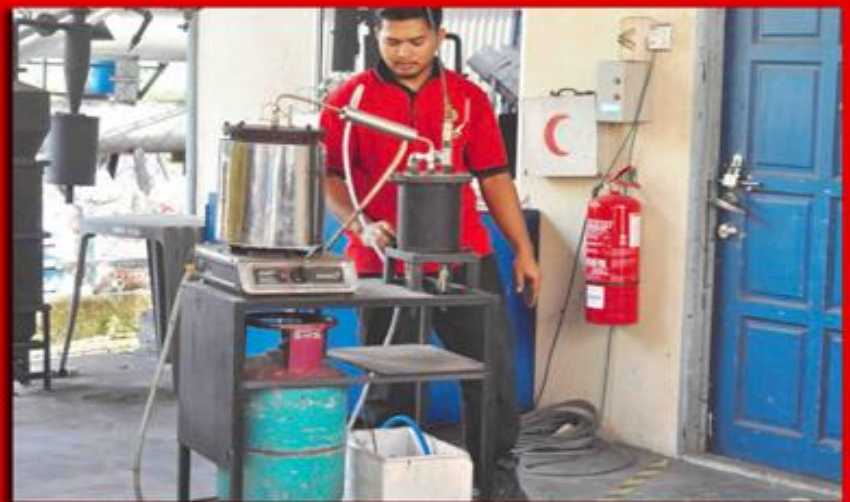
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WASTE PLASTIC TO OIL CONVERTER

● BRIEF DESCRIPTION OF THE PRODUCT

This product converts waste HDPE plastic and PP to oil. Processing time about 1 to 2 hours for 1 Kg of plastic.



● APPLICATION & BENEFIT OF THE PRODUCT

The small scale system is a good demonstration at the school level to appreciate the need for recycling of waste plastic into liquid fuel for diesel engine, and etc. Large scale system will help the district office to mitigate waste plastics into power generation.

● TARGET GROUP

Recycling station, City Council Office, District Office and School.

● COST

Negotiable

● LEAD TIME FOR PRODUCT FABRICATION

6 to 8 Weeks

RESEARCHER

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