





UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI

MALAYSIA MELAKA



Dirasmikasikan
Y.Bhg. D. Wira Smail b
Pro Capso eM

MENJUNJUNG
MELAKA

UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

PESTA KONVOKESMEN 12

Dirasmikan oleh:
Y.Bhg. Datuk Wiru Mamat Saleh
Pro Canselor UTeM

MENJUNJUNG RAGU
MELESTARI KECEMERLANGAN

UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Wira Ismail bin Saleh
TeM



UNIVERSITI MALAYSIA MELAKA
19-21.11.2017
Tapak Festival

MERLANGAI

3



UNIVERSITI MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA

UTEM

اونيوورسيٲي ٲيڪنيڪل مليسيا ملاڪا

UNIVERSITI TEKNIKAL MALAYSIA MELAKA



JITEM

اونيوورسيٲى سيٲى ٲيٲيٲي
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UTeM
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
Dirasmikan oleh:
Y.Bhg. Datuk Wira Ismail bin Saleh
Pro-Canselor UTeM
MENJUNJUNG ILMU
MEMESTARI KECEMERLANGAN



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



درياس كيمياء ملاك
UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

WORKING PRINCIPLE

NOVELTY
Innovative
Low cost production

COMMERCIALIZATION
Collaborative and potential to commercialize at
UMS, Cincin Sdn. Bhd.
Practical user for home appliances to save the

ACKNOWLEDGEMENT
The authors of paper (Student
University, Teacher, Industrial Partner,
Faculty of Mechanical Engineering,
Research Assistant No. 002022/000001/0000)

APPLICATION



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



UNIVERSITI TEKNOLOGI MALAYSIA MELAKA



