



FACULTY OF MECHANICAL ENGINEERING  
DIPLOMA IN MECHANICAL ENGINEERING (EM110)

**J4 EM110 5A (GROUP 2)**

MECHANICAL ENGINEERING DESIGN (MEC332)

FINAL YEAR PROJECT:

**(MULTIPURPOSE KITCHEN RACK)**

PREPARED BY:

NAME	STUDENT ID
<u>AZIZEE AMIRUL BIN ANYRYZA</u>	2015812056
<u>MUHAMMAD HAKIM BIN KHAIRUDDIN</u>	2015826348
<u>NUR ADILAH BINTI SAHAFUDIN</u>	2015816338
<u>NUR AINI BINTI MUSA</u>	2015859736
<u>SITI NURUL ALIZA BINTI SHAHARUDIN</u>	2015862062

PREPARED FOR:

**SIR NOOR HALMY BIN ABD LATIF**

SUPERVISOR:

**ENCIK AHMAD FAIDZAL BIN KHODORI**

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## ABSTRACT

Multipurpose kitchen rack is a combination of few container into a compact furniture. The main idea of the multipurpose kitchen rack is based on wheel which can be rotate using bearing and shaft. Then, to make it more attractive a few ideas come out which is knives holder, rack for onion, place for chopping board and the last one is colander for vegetables. This advantages of this product is the design which is unique and simple. Next, a few mechanical component have been inserted to combine every section of the rack. The main materials for the rack is wood which have been choose because of the material and suitable for the dry equipment. Then, there will be no worries according to bacteria and fungi.

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