# UNIVERSITI TEKNOLOGI MALAYSIA
## Faculty of Electrical Engineering

## SKEL 4223

### MATLAB Group Project & Presentation (10 Point)

**Assign Date:** 28 April 2015
**Due Date:** **27 May 2015**

### Problem

You are given a sound signal that comes from 2 sources. In this sound you can hear two distinct sounds; the first one is a human voice while the other is the background noise. Your task is to separate these two sound signals.

Your task is to do the following (**in softcopy only**):
1) Prepare a presentation on how you are to achieve your task. Your presentation must include items 2 to 5 below. The presentation should not exceed 10 minutes.
2) State the specification of the filter used such as the order of the filter and cutoff frequency used.
3) Provide the MATLAB code you use.
4) Provide the original unfiltered sample you used.
5) Provide the filtered sample.

### Group Member

1. Ho Chun Yeen
2. Hong Sing Min
3. Kelvin Ling Chia Hiik
4. Toh Jun Hau