

	COURSE: IMAGE PROCESSING		<b>MARKS:</b>   /10
	TOPIC: Object Recognition & Classification	CODE: BCM2063	
	Lab Exercise	NO: 7	

## QUESTION 1

[10 Marks]

### Instruction:

- (a) Open “target.tiff”, read the file into  $f$ .
- (b) Open “template.tiff”, read the file into  $w$ .
- (c) Write a new function to calculate normalized-correlation (without build-in-function).
- (d) Find matches of this template in the target image.
- (e) Display and plot box in matching results.
- (f) Inspect and analyse the matching result of normalize- correlation.