

**K L UNIVERSITY**  
**Department of basic engineering and sciences**  
**Measurements laboratory**

**LIST OF EXPERIMENTS**

**A.Y 2015-16**

<b>Week</b>	<b>Name of the experiment</b>	<b>Using</b>
<b>CYCLE-1</b>		
Electrical and Electronics Parameters		
0	Demonstration	
1	Measurement of V,I,R	Hard ware + My DAQ
2	Wheatstone bridge	Hard ware + My DAQ
3	D.S.O	Hard ware + My DAQ
4	Measurement of displacement -- LVDT,POT	Hard ware + My DAQ
<b>Evaluation TEST-1 on completion of First CYCLE</b>		
<b>CYCLE-2</b>		
Mechanical Parameters		
5	Strain gauge	Hard ware + My DAQ
6	Thermocouple	Hard ware + My DAQ
7	RM/TM	Hard ware
8	Viscosity	Hard ware
9	Pressure	Hard ware
<b>Evaluation TEST-2 on completion of Second CYCLE</b>		
Civil Parameters		
10	Measurement of Distance	
11	Measurement of Area	
12	Measurement of Elevation	
Demonstrative Experiments		
13	Physiological Measurements	ECG,EEG and EMG
14	1 phase Energy measurement	
15	B-H curve of Transformer core with DSO	