FACULTY OF ENGINEERING
Course Code & Course Name
Conducting Experiment/Laboratory Work (%)

Group No.   : _____   Programme   : _____

Name   : _____   Matric No.   : _____

Laboratory Topic   : _____

Instruction: Please rate your student according to the marking criteria below. Fill in column "MARKS' for each criteria with 1/2/3 (Marks in decimal point is not allowed).

Criteria/Level	CO/ PO	Marking Criteria n=1	Marking Criteria n=2	Marking Criteria n=3	Weightage, w	Marks, n	Total Marks (n*w)
Lab Safety		Practices unsafe, risky behaviours in lab.	Unsafe lab procedures observed infrequently.	Observes good laboratory safety procedures.			
Data Gathering		No systematic plan of data gathering; experimental data collection is disorganized, even random, and incomplete.	Develops a simplistic experimental plan of data gathering, does not recognize entire scope of study (e.g. not all parameters affecting the results are investigated).	Formulates a plan of data gathering to attain a stated objective (develop correlation, test a model, ascertain performance of equipment, etc.).			
Experimental Procedures		Does not follow experimental procedure.	Experimental procedures most often followed, but occasional oversight leads to loss of experimental efficiency and/or loss of data.	Develops and implements logical experimental procedures.			
Tool Selection		Cannot select the appropriate equipment and instrumentation required to run the experiment(s).	Require guidance in selecting appropriate equipment and instrumentation.	Can select appropriate equipment and instruments to perform the experiment.			
Tool Operation		Unable to operate instrumentation process equipment; hence requires frequent supervision.	Fairly good in operation of instruments and process equipment.	Able to operate instrument and process equipment.			
Analysis and Theory Application		Makes no attempt to relate data to theory	Applies appropriate theory to data when prompted to do so, but misinterprets physical significance of theory or variable involved; makes errors in unit conversions	Analyses and interprets data carefully using appropriate theory; if required, translates theory into practice or applies to process model(s)			
Measurement Error		Unaware of measurement error	Aware of measurement error but does not account for it statistically or does so at a minimal level	Aware of measurement error and is able to account for it statistically			
Others (please specify)							
TOTAL					$\Sigma w =$	$\Sigma n =$	$\Sigma(n*w) =$
TOTAL MARKS				$\dfrac{\Sigma(n*w)}{4 \times \Sigma w} x100\% =$			