**ASSESSMENT RUBRICS LAB # 02**

**To find the Resistance of a Resistor by Color code Method**

| **LAB REPORT ASSESSMENT** | | | | |
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| **Criteria** | **Excellent** | **Average** | **Nil** | **Marks Obtained** |
| 1. **Objectives of Lab** | All objectives of lab are properly covered  [Marks 1] | Objectives of lab are partially covered  [Marks 0.5] | Objectives of lab are not shown  [Marks 0] |  |
| 1. **Resistance and its Units** | Resistance and its units are well defined  [Marks 1] | Resistance and its units, if one of them is missing or partially defined  [Marks 0.5] | Resistance and its units are missing.  [Marks 0] |  |
| 1. **Color Coding Method.** | Define Color Coding Method properly and properly labeled diagram.  [Marks 2] | Color Coding Method is not properly defined and diagram is shown with no labels.  [Marks 1] | Color coding method is not defined and diagram is not shown  [Marks 0] |  |
| 1. **Color Coding Table** | Color coding table is shown with all range of resistances along with their corresponding bands.  [Marks 3] | Color coding table is partially shown with resistances and corresponding bands.  [Marks 1.5] | No color coding table is shown  [Marks 0] |  |
| 1. **Experimental Results** | All experimental results are completely shown in form of table for varying resistors and verification through DMM is also shown.  [Marks 3] | Experimental results are partially shown and some of the observations are missing  [Marks 1.5] | No experimental results are shown  [Marks 0] |  |
| Total Marks Obtained:\_\_\_\_\_\_\_\_\_\_    Instructor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |
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