**LAB # 9**

**TCP/IP Implementation using Python Socket Programming**

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| **Criteria** | **Excellent** | **Marks Obtained** |
| 1. **Objectives of Lab** | All objectives of lab are properly covered  [Marks 0.5] |  |
| 1. **Introduction to Python Programming** | Brief introduction of Python Programming  [Marks 2] |  |
| 1. **Introduction to python socket library and its various functions** | Brief introduction about Socket library and its various functions used in Lab  [Marks 2] |  |
| 1. **Client-Server Communication using socket library** | Client-Server communication, Python code and output  [Marks 3] |  |
| 1. **Flowchart of client server communication using python socket library** | Draw a flowchart of  the sequence of socket API calls and data flow for TCP  [Marks 2] |  |
| 1. **Conclusion** | Conclusion about RC-Circuit analysis  [Marks 0.5] |  |