**CSE109 Electrical Circuits**

**Mini Project**

**Voltage Divider and Selector Circuit**

A 10V DC supply is available. In practice you need to use 10V, 5V, and 3V as supply voltage of a low current electrical circuit. Design a voltage divider circuit so that the desired voltage can be selected at the output.



**Marks Distribution**

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| --- | --- |
| **Assessment Area** | **Mark** |
| **C3: Cognitive: Applying** | 7 |
| **P2: Psychomotor: Manipulation** | 1 |
| **P3: Psychomotor: Precision** | 1 |
| **A2: Affective: Responding** | 1 |
| **Total** | **10** |

**Project Report** will include

1. Problem Statement
2. Design
3. Experimental Results
4. Conclusion and Discussion