IQRA NATIONAL UNIVERSTY PESHAWER



**NAME:**

 **STUDENT ID:**

 **SEMMESTR:**

 **MANUAL:**

 **INSTRUCTOR:**

**Electronic Device Circuit**

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| **Lab No** | **List of Experiments** |
| 00 | Introduction basic concepts and lab equipment. |
| 01 | Practical analysis of diode characteristics. |
| 02 | Series and parallel configuration of diode. |
| 03 | To calculate draw and measure the dc output voltage of half wave rectifier circuit. |
| 04 | Practical verification of full wave rectifier output. |
| 05 | Practical analysis of zener diode. |
| 06 | Practical implementation of clipping circuit. |
| 07 | Practical implementation of clamping circuit. |
| 08 | Practical implementation of the characteristics of bipolar junction transistor (BJT). |
| 09 | Practical demonstration of fixed and voltage divider bias of bipolar junction transistor (BJT). |
| 10 | Dc biasing of bipolar junction transistor. |
| 11 | Introduction of common emitter circuit & its dc & ac analysis. |
| 12 | Introduction to common base. |

**Instructor: Engr: Sajid Nawaz Khan**