PH3204: Electronics Laboratory

Experiment 02: Study of characteristics of an n-p-n bipolar junction transistor (BJT)

Ronit Bhuyan (22MS025) Sub-Group B01

February 14, 2025

Contents

1	Theory 1.1 Bipolar Juction Transistor (BJT)	
2	CE Input Characteristics	2
3	CE Output Characteristics	2
4	Conclusion	2
5	Sources of Error	2

- 1 Theory
- 1.1 Bipolar Juction Transistor (BJT)
- 1.2 Common Emitter (CE) Configuration
- 2 CE Input Characteristics
- 3 CE Output Characteristics
- 4 Conclusion
- 5 Sources of Error