



An MoE Govt of India Initiative

BJT- CE INPUT CHARACTERISTICS

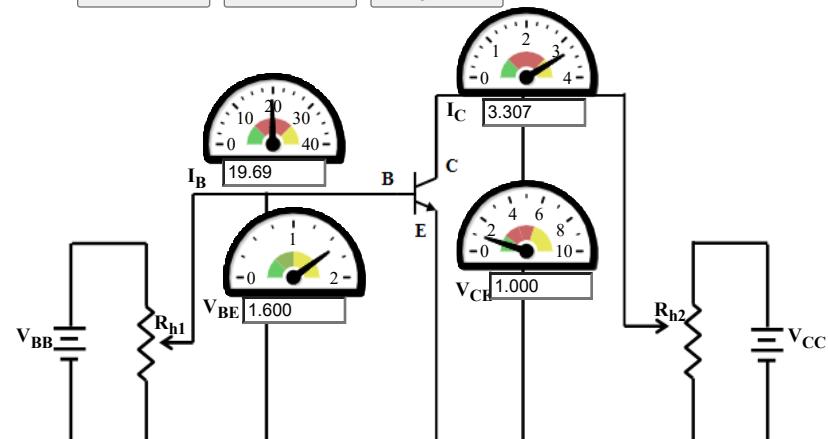
INSTRUCTION

EXPERIMENTAL TABLE

| Serial No. | Collector-Emitter Voltage 1.000 V | |
|------------|--------------------------------------|------------------------|
| | Base-Emitter Voltage V | Base Current(μ A) |
| 1 | 0.02000 | 2.086 |
| 2 | 0.1800 | 2.614 |
| 3 | 0.3400 | 3.278 |
| 4 | 0.5200 | 4.231 |
| 5 | 0.6600 | 5.162 |
| 6 | 0.8400 | 6.668 |
| 7 | 1.000 | 8.373 |
| 8 | 1.180 | 10.82 |
| 9 | 1.380 | 14.39 |
| 10 | 1.600 | 19.69 |

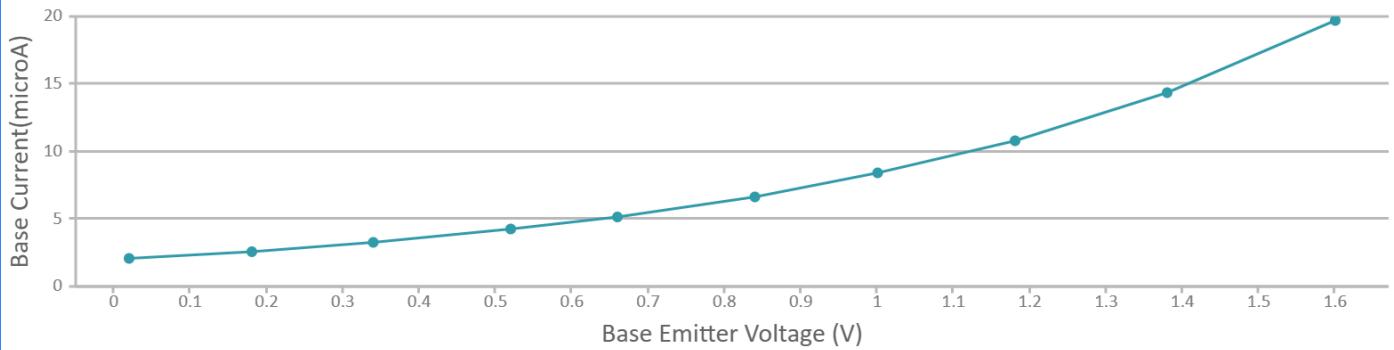
CONTROLS

R_{h1} Ohms
 R_{h2} Ohms



GRAPH PLOT

V-I Plot



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