



**MOTHER TERESA**  
**INSTITUTE OF SCIENCE & TECHNOLOGY**  
**Permanently Affiliated to JNTUH, Hyderabad**  
Recognition under Section 2(f) & 12 (B) of the UGC Act, 1956  
AN ISO 9001:2008 CERTIFIED INSTITUTION  
SANKETIKA NAGAR, SATHUPALLY – 507303, KHAMMAM Dist., TELANGANA



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**EDC LAB EQUIPMENT LIST**

SNO	LAB/MAJOR EQUIPMENT
1	Dual Trace Oscilloscopes Range: 0-20MHz, Make: Scintech
2	Function Generators Make: Hi-Q, Model: 1040D Range: 1Hz-1MHz , Amplitude: 0-20Vp-p, Wave forms: Sine, Square, Triangle, Pulse.
3	Regulated Transistorized DC Power Supplies (Dual Channel) Range: 0-30V, 1A Make: LAECE & ITL
4	3 ½ Digit Hand Held Digital Multimeters Model: CIE 123, Display: 3½ digit LCD, Resistance: 0-2000MΩ, Voltage: 200mV-600V (AC&DC) Current: 200μA-10A in steps
5	Trainer Kits
6	Voltmeters (Analog)
7	Ammeters (Analog)

## **LIST OF EXPERIMENTS :**

1. CHARACTERISTICS OF PN JUNCTION DIODE
2. CHARACTERISTICS OF ZENER DIODE
3. HALF-WAVE & FULL-WAVE RECTIFIERS
4. BRIDGE RECTIFIER
5. CB TRANSISTOR CHARACTERISTICS
6. CE TRANSISTOR CHARACTERISTICS
7. DESIGN SELF BIAS CIRCUIT
8. CE TRANSISTOR AMPLIFIER
9. JFET DRAIN & TRANSFER CHARACTERISTICS (CS)
10. JFET AMPLIFIER (COMMON SOURCE
- ) 11. TRANSISTOR AS A SWITCH
12. CHARACTERISTICS OF UJT
13. CC TRANSISTOR AMPLIFIER