

# ELABORATED BILL OF MATERIAL FOR SEMESTER – II

## 34/219. ELECTRONIC MECHANIC

03/07/2018

i) Capacitor	: Assorted
ii) Resistor with different value (2.2 k $\Omega$ , 2.7 k $\Omega$ 3.9 k $\Omega$ 4.7 k $\Omega$ , 10k $\Omega$ )	: As required
iii) CRO (0 – 20 MHz)	
iv) Transistor BC 107	: 3 Nos.
v) Transistor BC 547	: 2 Nos.
vi) Multimeter	: 1 No.
vii) Function Generator (0 – 1 MHz)	: 1 No.
viii) Potentiometer (0 – 10 k $\Omega$ )	: 1 No.
ix) Connecting Wire	
x) Resistor	: Assorted value
xi) 2N3904 NPN silicon transistors	
xii) Capacitors (1 $\mu$ F, 22 $\mu$ F, 0.01 $\mu$ F)	: As required
xiii) Dual DC regulated power supply (0 – 30 V)	
xiv) Ammeter (0 – 200 mA)	
xv) Voltmeter (0 – 20V)	
xvi) Bread Board	

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