



ST. JOSEPH'S INDIAN COMPOSITE PU COLLEGE

#23, Vittal Mallya Road, Bangalore – 560001.

SUBJECT: ELECTRONICS (40)

I PUC - PCME

PORTION FOR FIRST QUARTERLY TEST – 2025

Ch 1 – Introduction to Electronics

Ch 2 – Principles of Electricity, Charge, Potential difference,
DC & AC, Ohm's law, Combination of Resistors,
Kirchoff's laws

Ch 3 – Introduction to Digital Electronics – Introduction,
Number System, Boolean Algebra



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Ch 1 - Field Effect Transistor (FET)

Ch 2 – Bipolar Junction Transistor (BJT) biasing

Ch 3 – Transistor Amplifiers

Ch 10 – Digital Electronics