



Loreto Convent Intermediate College

Lucknow

AI and Robotics

Class 7

Session 2026–27

HALF YEARLY SYLLABUS

1. Blinking an LED (Chapter 1)
2. Momentary Inputs (Chapter 2)
3. Serial Communication (Chapter 3)
4. Buzzer Circuit (Chapter 10)
5. Push Button LED (Chapter 11)

FINAL TERM SYLLABUS

1. Intro to Python (Chapter 14)
2. Variables & Operators (Chapter 15)
3. If...Else... (Chapter 16)
4. For & While Loop (Chapter 17)
5. Basic Chatbot (Chapter 20)

 99, Mahatma Gandhi Marg, Lucknow, Uttar Pradesh - 226001

 0522-2237222, +918009881030  loretocollege@yahoo.com  www.lucknowloreto.com