

AI FOUNDATION COURSE (12 Months)

For Classes 3–5 | NEP-2020 Aligned | Hands-On + Fun-Based Learning

Month 1: Introduction to Artificial Intelligence

- What is AI?
- Smart machines around us
- Human brain vs. computer
- Story: How robots think

Month 2: Logical Thinking & Patterns

- Patterns with shapes & numbers
- Puzzles and games

Month 3: Basics of Coding (Block Coding)

- Scratch / Blockly basics
- Create your first animation

Month 4: Algorithms Made Easy

- If–Then logic
- Loops & sequences

Month 5: Robotics for Kids

- What is a robot
- Sensors, motors, controllers

Month 6: Smart Sensors

- Light, sound, motion sensors
- Automatic lamp project

Month 7: Machine Learning Basics

- How computers learn
- Sorting & recognition games

Month 8: Computer Vision

- How apps recognise photos
- Teach a model activity

Month 9: AI in Daily Life

- AI at home, school, hospitals
- Voice AI fun tasks

Month 10: Creativity Lab – AI + Art

- AI art & story creation
- Music patterns

Month 11: Ethics & Safety

- Good vs bad online behavior
- Internet safety

Month 12: Final Project & Exhibition

- Smart home model
- Simple chatbot
- Mini robot