RII
ROBOTICS INSTITUTE OF INDIA
EMPOWERING INNOVATION, TRANSFORMING TOMORROW

AI and Robotics Program for Schools

An holistic ecosystem for learning, creativity, innovation, ICT, robotics, AI, and ML to foster 21st-century skills among students.

- Structured Curriculum with Activity Books
- Coding and AI Platform: PictoBlox
- Hands-On AI and Robotics Kits: Quarky
- Teacher Development Program
- Learning and Assessment System
- International Competitions and Innovation Festival

The AI and Robotics Lab Program enables CBSE and ICSE schools towards interactive learning. It helps students understand ICT subject knowledge, complex industry-standard Robotics and AI concepts inplayfulmannerthroughexcitingreal-worldapplication-basedDIYprojects.

Curriculum Aligned with NEP 2020 Guidelines

RII provides a year-long curriculum for classes 1-12. The courses under the curriculum are aligned with **CBSE Subject Code 417, 843,** and **ICSE Subject Code 66.**

Classes 3 to 5
- Know Your Computer
- Critical Thinking
- AI, Coding, and Robotics
- ICT and Fun with Paint

Classes 6 to 8
- Algorithm and Coding
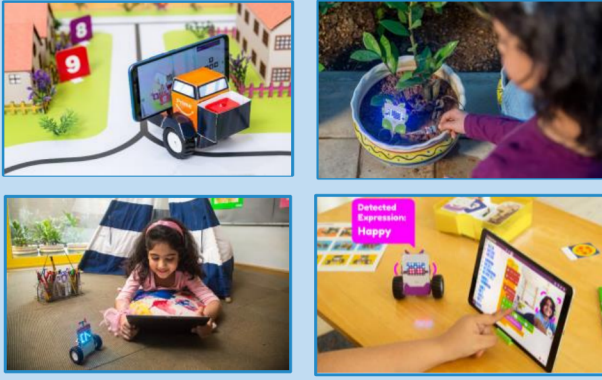- AI, Coding, and Robotics
- Game Development
- MS Office

Classes 9 to 12
- Robotics, AI, and Coding
- HTML
- Python Programming
- MS Office 16/19/360

Course Books are Authored by IIT Alumni

Quarky-The Brain of AI Lab

Quarky is a super fun AI companion that helps in learning new technologies. Kids can create self-driving car, pick and place robot, IoT house and gardening system and much more using Quarky and its DIY kits.

PictoBlox-AI Software Buddy

GESS EDUCATION AWARDS WINNER

Programmable Using Scratch & Python

Supports

PictoBlox is a Block-based and Python coding software available across all platforms. It empowers students to make games, program actions for robots, build AI projects with ML, AR/VR, IoT, and much more!
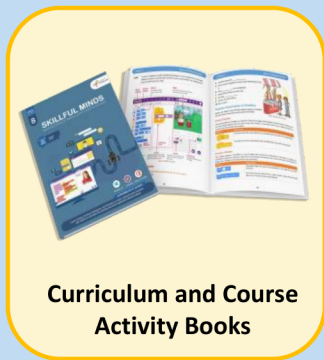
What's inside the Program?

QuarkyUltimate Kits for AI and Robotics

DIY Add-on Kits for Advanced Robotics

Curriculum and Course Activity Books

ICT Lab Equipment and Electronics

Holistic Ecosystem for Your School

AI and Robotics Lab Setup

Teacher Training and Resources

Year-long Support and Service Plan

Biggest International Competitions for Students

Our Growing School Network

Scan to Watch Program Video