INDIAN SCHOOL OF ROBOTICS
LEGO EV3 Course

Curriculum
38 Sessions

COURSE TITLE
Core EV3

EV3 Core Set is a hands-on, cross-curricular STEM solution that engages students by providing the resources to design, build and program their creations while helping them develop essential skills such as creativity, critical thinking, collaboration, and communication. A Core Set supports two students and comes with a getting-started guide, video tutorials, and standards-aligned lesson plans.

The system includes the EV3 Intelligent Brick, a compact and powerful programmable computer that makes it possible to control motors and collect sensor feedback using the intuitive icon-based programming and data logging software that is delivered with the set.

The set is delivered in a sturdy storage bin with a sorting tray, three Servo Motors, five Sensors (Gyro, Ultrasonic, Color and 2x Touch), a EV3 Rechargeable DC Battery (with charging cable) and connecting cables.

Building instructions and other resources are also provided.

All Students will be provided with the certification on successful completion of the course.

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