

Dear Parents,

Greetings!

This is to inform you that The Indian in collaboration with STEMROBO is setting up the STEM-Robotics Innovation Club. This is being undertaken to introduce our students to the rising importance of Robotics.

As you must be aware, by 2025, all menial and repetitive jobs will be performed by robots. The robotic arms will perform surgery, dispose roadside bombs, vacuum floors, play a role in the assembly line production of automobiles. They would help in jobs like sea exploration, nuclear science, servicing of transmission of bio- medical equipment etc.

No, this is not a dream. With the way we are advancing in computer technology and related research technologies, robotics jobs would take over most jobs that humans perform today. The industry would achieve critical mass and change the world. With the world slowly progressing towards a robotics' era there is likely to be no dearth of opportunities for those with technical know-how in this field.

STEMROBO Technologies (www.stemrobo.com) is a part of Electropreneur Park (Funded by the Ministry of Electronics & Information Technology, Govt. of India) and is also associated with India Electronics & Semiconductor Association (IESA).

STEMROBO Technologies Pvt Ltd. has developed a unique methodology (STEM-Robotics) that integrates STEM(Science, Technology, Engineering, Mathematics) and Robotics.

Objective and Implementation Plan of Innovation Club:

- The main objective of the STEM-Robotics Innovation Club is to help students develop a greater interest in

STEM-Robotics (Science, Technology, Engineering, and Math & Robotics) by exposing them to practical concepts and implementation.

- At the STEM-Robotics' Innovation Club;

- o Students will be able to Assemble, Learn, Programme and Experiment with Robots of different types.
- o Apply Real World Math and Science Concepts through Robotics

- o Develop Teamwork skills

- o STEM-Robotics Engineer(s) from STEMROBO Technologies will be coming to the School.

- There will be Various Activities covered based on the Experience and Interest Level (in STEM, Robotics and Software Programming). The activities will be centred around a combination of the following areas: Robotics, Make your Own Robot (Wireless Robots, Bluetooth Robotics, Sensor Based Robotics, etc.);Program & Control your Robot (Electronics Circuit Design, Hardware Programming, Software Programming, Breadboard based Circuit Design, Technology Based Science Projects like Smart Home, Smart Cars, etc.)

- Programme Fee: Rs. 2000 /- Per Student

- Duration: There will be 12 sessions of around 60-90 Minutes each in a year during the entire Programme.

- Registration Process: Parents interested in getting their wards registered for this STEM-Robotics' Innovation Club, need to fill the Consent Form below and hand it over to the concerned class teacher.

CONSENT FORM for STEM-Robotics' Innovation Club

I Mr./Mrs. _____ parent/guardian of _____ have read the information contained in this notice and hereby grant consent to my child to take part in the STEM Robotics' Innovation Club at The Indian School.

Name of Student-

Email

Signature of Parent/Guardian

Class- Phone- Date-