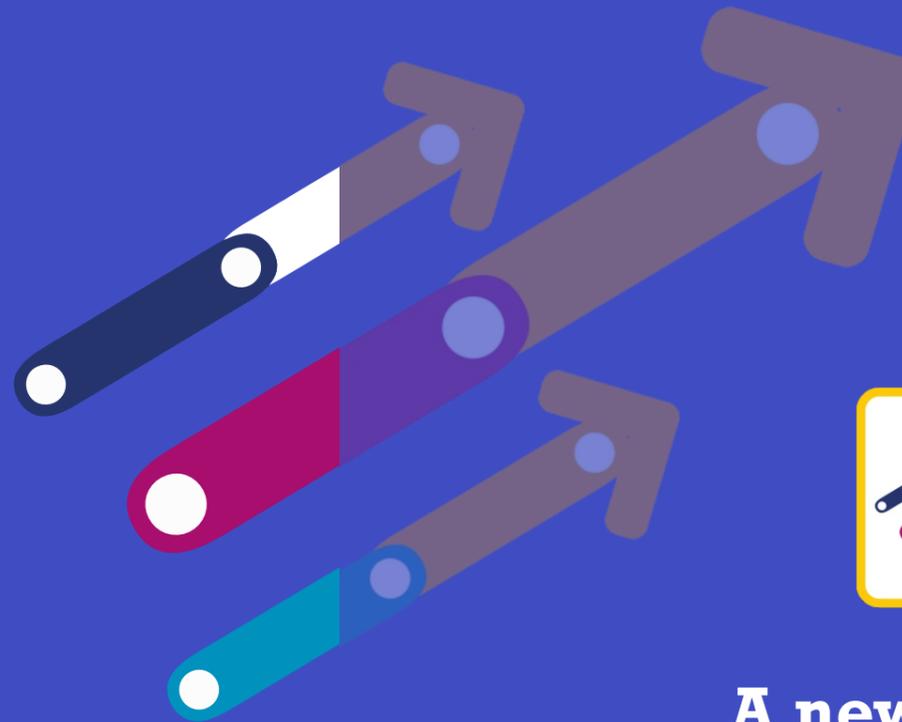


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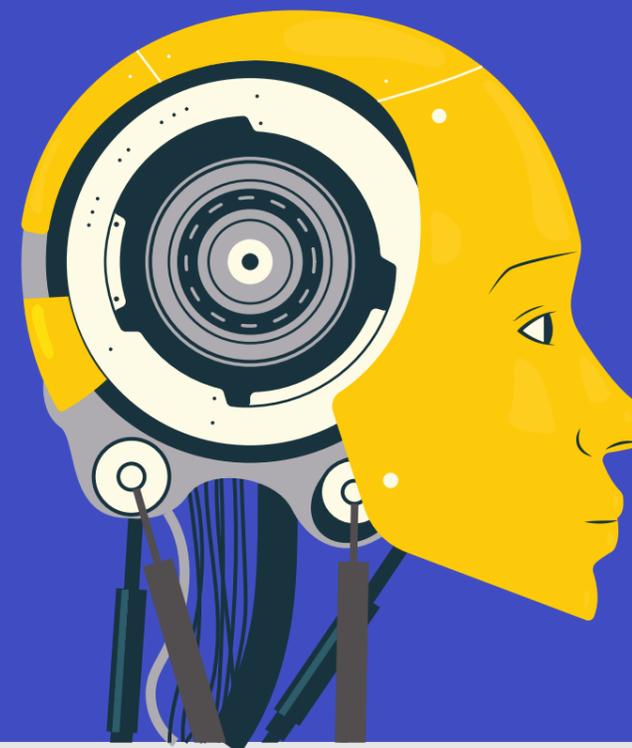
A new **DIMENSION** to
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HEAD OFFICE

FF 5, City Emporium Mall,
Industrial Area - Phase I,
Chandigarh

LOCATIONS

CHANDIGARH | MOHALI | PANCHKULA



**Kick start your
robotics learning
with ISR**

Start as early as
3 years and age no bar

PROSPECTUS

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CONTENT

1 INTRODUCTION (Pg.1-5)

About Indian School of Robotics
Team ISR
Why Choose Us?
The future in Robotics

2 COURSES

Tinkering & STEM	3D Design & Printing
Coding & Robotics	Drone
Embedded Systems	Astronomy
Programming	Space Science
Artificial Intelligence	

3 WORKSHOPS

LEGO Education	Electronics
Drone	Astronomy
Internet of Things (IOT)	Space Science
Embedded	

4 CAMPS

ISR Offers
Holiday Camps with defined objectives round the year

5 REGISTRATION FORM



The impact that automation has already been so significant, that we can not think of an ecosystem without it. Be it a Scientific Research Centre to Transport System to Household Appliance to Academics. Robotics and Artificial Intelligence are futuristic stream of learning with endless implementation.

ISR

INTRODUCTION

ABOUT INDIAN SCHOOL OF ROBOTICS

ISR is established with an aim to impart Robotics based technical training which is best in the world.

We are focused to bridge the gap between theoretical understanding of science/maths concepts and real-world practical application of concepts through our various Learning Solutions.

100%

VOCATIONAL COURSES

- Tinkering & STEM
- Coding & Robotics
- Embedded Systems
- Programming
- Artificial Intelligence
- 3D Design & Printing
- Drone, Astronomy
- Space Science

Since inception, we have been continually focusing to help students develop new and innovative skills of creative problem solving, logical thinking, programming and hands-on learning. Engaging, Hands-on activities form the core of the program at ISR that allow children to plan, investigate and implement their ideas.

ISR is a team of highly enthusiastic individuals working to redefine teaching. We believe “Knowledge alone is not enough: they must learn how to use their knowledge creatively” and therefore brings to you the traditional kindergarten

approach to learning. The program participants are engaged in dynamic activities and by using the experience, they become the protagonists of their own learning. Students discover an exciting and important connection with real world applications, an experience that is vital for success in the 21st century.

Our programs offers structured and hands-on technology based learning solutions to help students to bridge the gap between key theoretical concepts and their real world applications.

Digital technologies can play a transformational role in learning and education.

➔ It helps to extend the kindergarten approach, so that learner of all ages can continue to learn in the kindergarten style.

➔ Robotics is an excellent multidisciplinary platform to impart practical, hands-on learning to children

➔ Students develop scientific enquiry skills, which allow them to investigate, plan, test and implement their ideas, enabling them to reach their full potential

➔ Students develop knowledge and skills vital for success in the 21st Century.

**ARTIFICIAL INTELEGENCE
is in and will stay for long**

FOUNDER

PRIYANKA SAKLANI



Greetings! Welcome to all new world of technology, I, Founder of Indian School of Robotics is a firm believer that "Science is fun. Science is curiosity. We all have natural curiosity. Science is a process of investigating. It's posing questions and coming up with a method. It's delving in" and with this view I am dedicated to provide you a platform to investigate and understand scientific principles through observations and enquiries.

Indian School of Robotics provides all world class robotics lab equipment and infrastructure to cultivate scientific investigation methodology in young generations Developing there acumen in Logical Thinking, creativity, problem solving and coding.

All our programs help develop acute observation power which helps child in asking questions relevant to scientific investigation and building curiosity. The learning by doing pedagogy along with the

kit sets help this curiosity to reach a conclusion hence developing creativity in the child. ISR has a network of experienced and committed educators to provide extended support to students in their journey of Robotics. Our educators is trained in Research based teaching pedagogy and provides a platform to develop the habit of asking scientific enquires to encourage them to reach their full potential. Our educators at ISR is specialized and trained on various aspects of child behavior and psychological development of toddlers as well as older children which helps them understand and teach the students better through the latest methodologies, equipment and technology. The curriculum is geared towards topics to build on their existing capabilities and introduce them to latest advancements in Engineering and Robotic Education.

As we know the need of Robotics and Robot based learning techniques.

Artificial intelligence and use of Robotics is revolutionary field in the 21 st century. It can help us to minimize human effort and work with better precision. If a child is taught the basics of these techniques in the initial stages, it will help them become creatively intelligent and more developed than the children of their own age.

FUTURE OF ROBOTICS

The International Federation of Robotics reports that the U.S. service robot industry, which includes both industrial and domestic sectors, will contribute \$11 billion in revenue by 2020.



IMAGINE worldwide scope!

Why Indian School of Robotics (ISR)?

- Most trusted for Robotics & Artificial Intelligence Courses
- Wide range of courses
- Partnered with all leading Schools
- Age 3 onwards
- Fully equipped labs and in-house centres
- Practical trainings and hands-on
- Certified and experienced faculty
- Exposure through workshops and events
- Overseas educational exchange programs

COURSES

OFFERING YOU PRACTICAL LEARNING

Tinkering & STEM Age

EXPOSURE & HANDS ON

Lego is a wonderful educational tools, makes concept simpler and interesting

Lego promotes fine motor skills and dexterity as its driven by logics and critical thinking

COURSES

Tinkering, WeDo 1.0,

AGE : 7+

Coding & Robotics

EXPOSURE & HANDS ON

Level-1 of coding and platform to explore

Vast age group, starting 7yrs to 55yrs.

COURSES

WeDo, Core NXT, Core EV3, Advance NXT, Advance Ev3

AGE : 11+

Embedded Systems

EXPOSURE & HANDS ON

Embedded systems are most extensively used day-today components.

Embedded system makes new age devices possible.

Uses: Washing machines, Printers, Automobiles, Cameras, Industrial machines and more

COURSES

Core Arduino, Arduino+, Raspberry

AGE : 7+

Programming

EXPOSURE & HANDS ON

Level-1 of coding and platform to explore

Vast age group, starting 7yrs to 55yrs.

COURSES

SCRATCH, Embedded C, PYTHON

AGE : 12 +

Artificial Intelgence and 3D Design & Printing

EXPOSURE & HANDS ON

Data Processing, Machine Learning, Logics, Machine Interaction, Printing

AI has a high implementation value and is futuristic technology

AI is practical for higher efficiency, accuracy and prediction

COURSES

AI, 3D Design, 3D Printing

AGE : 6+

Competition Coaching

EXPOSURE & HANDS ON

Building a deep understanding of the subject, focusing on developing the child's creativity and problem solving skills. Motivates the child to bring a real world application to their learning.

COMPETITIONS

World Robot Olympiad, FIRST LEGO League, World Robotics Championship, MakeX, Robotec

CERTIFIED ROBOTICS PROFESSIONAL

for B.Tech / graduates

In-School Core & Advanced level ATL Training

WORKSHOPS

FUN FILLED PRACTICAL ENGAGEMENT

At ISR we make your learning experiential and involve you into a series of progressive methodology.



LEGO
Fun filled STEM Activities

IoT
Home & Building Automation, Wireless Controls.

DRONE
Multi Rotor Drones, DJI Naza M V2, Flight Controllers

Embedded
Portable devices, Hardware & Software controls



CAMPS

BEST PLACE FOR FREE THINKING

ISR Camps is wonderful place to brain drain, kids have fun while learning about math and science while building with Lego bricks and programming Lego robots!

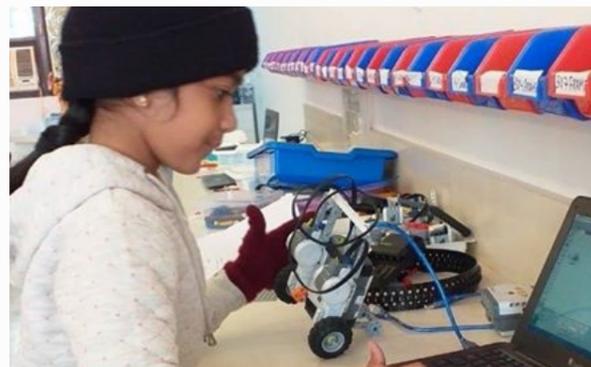
Camps impart students with logical thinking, probabilities, and take their thoughts to world of imagination.

The entire process is highly engaging, that enables student to discover concepts.

SUMMER CAMPS

WINTER CAMPS

SPRING CAMPS



IN SCHOOL LABS

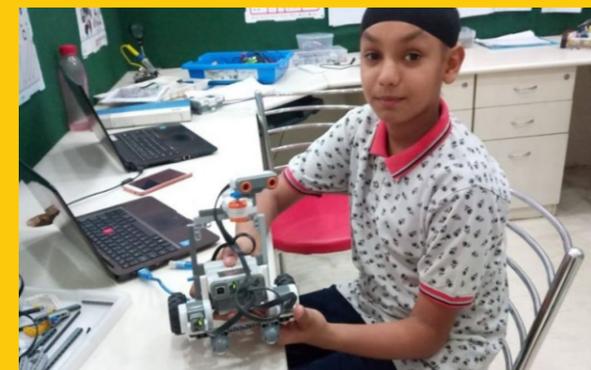
POWER HOUSE OF NEW IDEAS

We offer fun and educational programs to increase knowledge, build skills, and inspire a love of science, technology, engineering and math in our students.

ISR partners with a number of schools and afterschool programs to bring our fun and educational workshops to elementary and middle school children.

We offer various types of programs in school such as Robotics Club, Curriculum aligned, Workshops, Camps, Faculty Development'

To know more write us back on info@isrrobotics.com



CLUBS

- Grade III – V & VI above
- Robotics, Coding, Tinkering

Grade I – X

- Curriculum Aligned
CBSE / ICSE / IB
- Structured & Exciting
Curriculum

LABS

- STEM & Robotics Labs
- State of art Lab
- Curriculum & Books
- Dedicated Faculty



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A new **DIMENSION** to your **LEARNING**

REGISTRATION FORM

OFFERING YOU PRACTICAL LEARNING

STUDENT NAME:	AGE:
FATHER NAME:	
MOBILE:	EMAIL:
SCHOOL:	
CITY:	

SELECT COURSE

- Tinkering & STEM
- Coding & Robotics
- Embedded Systems
- Programming
- Artificial Intelligence
- 3D Design & Printing
- Drone
- Astronomy
- Space Science
- ATL Teacher's Training
- Camps
- Workshop

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Tanya Diwan

Very good educational learning academy. Lot of opportunities available for students.

Shashi Sharma

Awesome place to enhance your knowledge and upgrade your skills in Robotics Machine Learning/Artificial Intelligence and Coding!!

Prabha Ojas

ISR is the most honest approach in the Tricity in the field of Robotics. The team is very sincere and dedicated you can clearly see the knowledge and information received by the child at any point of time. All the best for the future and keep doing your best!!!!

Priyanka

Very interesting Robotics classes with all new technologies and expert facilities

Deeksha sharma

This is best place for explore your knowledge and hand on practice of each and everything.

Dimple Pal

Good understanding clears every doubt, I like robotic class. trainer is very very good.

Ashu Gupta

It is very important for children of today to learn the skill which make them future ready. ISR provides students with STEM skills required for there growth. These online classes is a great initiative to expose children to these concepts and to create interest in the subject..All teachers are quite good and make them understand and also they clear all doubts very patiently.. Highly recommended.

