STEMROBO
Innovation, Creativity & Learning

STEMROBO

IGNITING INNOVATION

S SCIENCE

T TECHNOLOGY

E ENGINEERING

A ARTS

M MATHEMATICS

Coding • Robotics • Artificial Intelligence(AI) • IoT • Machine Learning(ML) • Augmented Reality(AR) • Virtual Reality(VR)

STEMROBO TECHNOLOGIES

Innovation, Creativity & Learning

STEMROBO provides **'End-To-End Solution to K-12 Schools'** for **'Nurturing Innovation & 21st Century Skills'** among young students of age 6-18 years across the globe. We offer young students an opportunity to explore, experience and bring innovation through a world class **STEAM, Artificial Intelligence, IoT, Robotics, Coding, AR & VR** curriculum integrated with our unique & affordable **'Technology Products and Solutions'** delivered in an online or hybrid model; thereby enabling and empowering students to be able to become **Creative - Thinkers and Problem - Solvers**.

Together, let's unlock the potential within each student, ignite a passion for Innovation, Creativity & Learning, and pave the way for a brighter tomorrow.

www.stemrobo.com

Mission

Our mission is to build an ecosystem focused on leveraging technology in education where **STEAM, Robotics, Coding, Artificial Intelligence & AR/VR** are utilized as crucial tools for kids to become smart in their academics and be able to solve modern world problems.

Vision

The company's vision is to nurture innovation and 21st century skills in K-12 students across the globe and prepare them for the future technological world. We are on a journey which will help every student to elevate core skills like **Logical Thinking, Creativity, Computational Thinking and Problem - Solving.**

OUR OFFERINGS FOR K-12 SCHOOLS

- STEAM
- Robotics
- Coding
- Artificial Intelligence & IOT
- Machine Learning
- AR & VR

PARTNER WITH INDIA'S LEADING BRAND

TRUSTED BY

5000+	2 MN+	30+	50K+
SCHOOLS	STUDENTS	COUNTRIES	TEACHERS

2000+ RECOGNIZED INNOVATIVE PROJECTS

IMPACT SO FAR

- 55+ Patents Filed
- 60+ Copyright Ideas
- 1500+ ATL Marathon
- 200+ Inspire Awards-MANAK
- 150+ CBSE National
- 1500+ CBSE Regional
- 75+ Global Level
- 500+ National Level

एसटीपीआई STPI Software Technology Parks of India

Electropreneur PARK

Department of Industrial Policy and Promotion Ministry of Commerce and Industry Government of India

DIPP CERTIFIED

ISO 9001 2015 CERTIFIED

NEED OF STEMROBO'S INTEGRATED EDUCATIONAL PROGRAMS TO BUILD 21ST CENTURY READY SCHOOLS AND STUDENTS

Why STEAM ?

- Nurture future problem solvers.
- Unlock logical and creative mindset from young age.
- Develop innovation culture among young students across the globe.

Why Experiential Learning ?

- Engaging and reflecting on the experience
- Trying out and testing new skills and abilities
- Gaining knowledge from the experience

Why Design Thinking Approach ?

- Teaches students to question.
- Makes students open minded and flexible.
- Students can give effective reasoning for each problem.

Careers of the future will not just be limited to those with a specific set of skills or knowledge, they will also involve creativity and critical thinking.

Forbes

130 Mn jobs will be created in AI itself by 2025.

World Economic Forum

By 2030, 65% of children entering primary schools today will ultimately end up working in completely new jobs that don't yet exist.

McKinsey Report

Around 300 Mn people may need to switch occupational categories and learn new skills like technological, social and higher cognitive skills by 2030.

U.S. Department Of Education

"In an ever-changing, increasingly complex world, it's more important than ever that our nation's youth is prepared to bring knowledge and skills to solve problems, make sense of information, and know how to gather and evaluate evidence to make decisions." Enhancing such skills lies at the heart of STEM and STEAM education.

As the studies suggest that the inclusion of STEAM curriculum at an early age demonstrates higher level of 21st century skills set in students which is very necessary for our coming generation to compete in the global job market.

- ☑ Critical Thinking
- ☑ Communication Skills
- ☑ Creativity
- ☑ Problem Solving
- ☑ Perseverance
- ☑ Collaboration
- ☑ Innovation Skills
- ☑ Social Skills

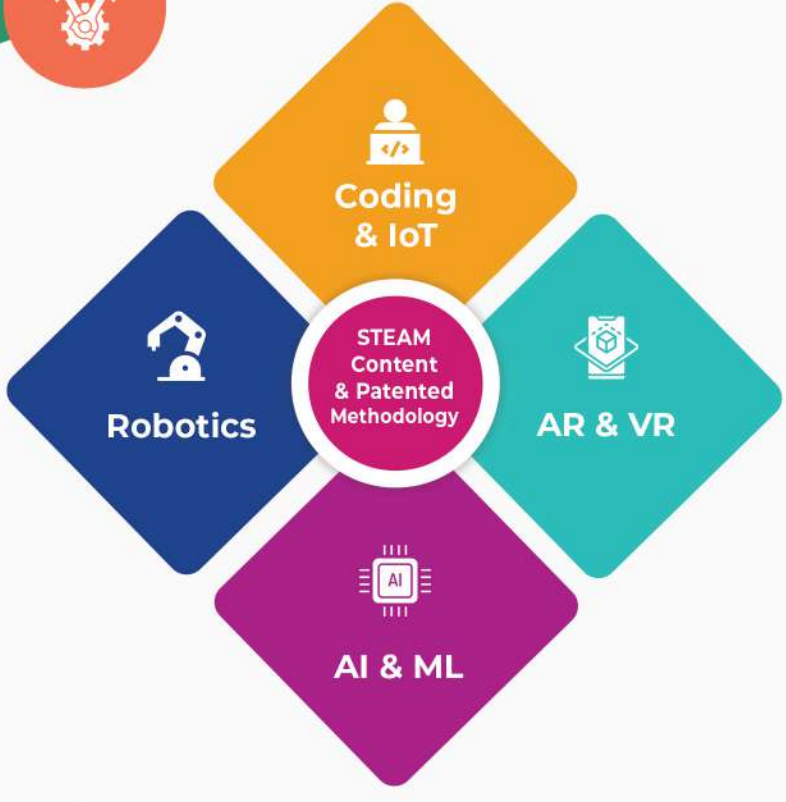
STEMROBO
AN OVERVIEW

WHAT WE DO

- Preparing students for rapidly changing technological world.
- Innovation & 21st Century Skills.
- Empowering kids to become Creative Thinkers & Problem Solvers.
- Integrated End-To-End Solution for schools aligned with NEP 2020.

Mathematics
Arts
Engineering
Technology
Science

HOW WE DO IT



OUR OFFERINGS FOR K-12 SCHOOLS

STEAM & ROBOTICS

STEAM and Robotics is an educational program that aims to prepare students for the 21st century workforce by equipping them with the skills necessary to solve complex problems and innovate in a rapidly changing world. Robotics allows students to learn STEM concepts through hands-on activities. They learn how to program, design, and make their own robotics projects/models. STEAM-Robotics typically focuses on project-based learning, where students work in teams to design and build solutions of real-world challenges.

CODING & ARTIFICIAL INTELLIGENCE

Coding and AI is a fun and engaging way to introduce young learners to the world of technology and programming. Kids start with block-based coding that use visual, colorful blocks to represent code. Through coding, kids have the ability to create their own interactive games, stories, animations. AI needs to become part of the school curriculum as basic technology literacy. Through hands-on activities and projects, students can gain a practical understanding of AI and explore its potential for creating innovative and real-life projects.

AUGMENTED REALITY & VIRTUAL REALITY

AR/VR provides a smart learning environment that brings students to the center of the learning environment. AR/VR based immersive and experiential learning has the potential to create a deeper level of engagement with target topics, in a distraction free environment. Moreover, it empowers teachers to better understand a student's connection with the material being taught, to identify possible gaps in knowledge and to attend to those issues in a timely manner. This would make the experience much more relevant and meaningful, for both students and teachers.

ATAL TINKERING LAB

ATL is a dedicated innovation and experimentation space within Indian schools, established as part of the Atal Innovation Mission (AIM) by NITI Aayog, Govt. of India. ATL aim to inspire and nurture innovation, problem-solving abilities, and technological interest among students. STEMROBO is leading edtech company to setup more than 2000+ ATLs nationwide. Our objective is aligned with this program to create an environment of innovation, creativity amongst Indian students.

OUR OFFERINGS FOR EDUCATORS & PARTNERS

EDUCATORS TRAINING PROGRAM

Our online Teachers Training Program offers educators the chance to upskill and elevate their careers through transformative education. We provide professional development courses specifically designed for teachers, ensuring they stay at the forefront of 21st century teaching and learning. As part of our commitment to empowering educators, we offer specialized training for schools through our Educators Training Program.

FRANCHISE/PARTNERS/ACTIVITY CENTER

Embark on a transformative journey in the world of education technology by joining hands with STEMROBO, a globally acclaimed leader in STEM education. Our franchise opportunity empowers aspiring entrepreneur to establish a thriving edtech business. With a proven track record of success, & 50+ partners working across the globe, STEMROBO offers comprehensive package that includes innovative curriculum, and experiential learning kits with expert guidance.

CORPORATE SOCIAL RESPONSIBILITY (CSR)

Our program is designed to offer relevant education to underprivileged children, engaging them in subjects where they can discover their true potential through new learning methodologies, including fun-filled, interactive, and DIY activities. We're committed to providing equal opportunities ensuring no child is left behind because of their location or financial status. Be a part of our CSR partnerships to contribute to the educational evolution of every child, regardless of their background, and help prepare India for the new technological world.

WORKSHOPS / WEBINARS

STEMROBO conducts webinars and workshops aimed at introducing new advancements in K-12 education. Our goal is to provide support for advanced-level projects and innovations. Through these sessions, we strive to keep educators and students updated of the latest developments in the field, fostering a dynamic learning environment that encourages creativity and exploration. Join us in these interactive webinars as we delve into cutting-edge educational techniques, empowering the K-12 community to embrace and excel in the ever-evolving educational landscape.

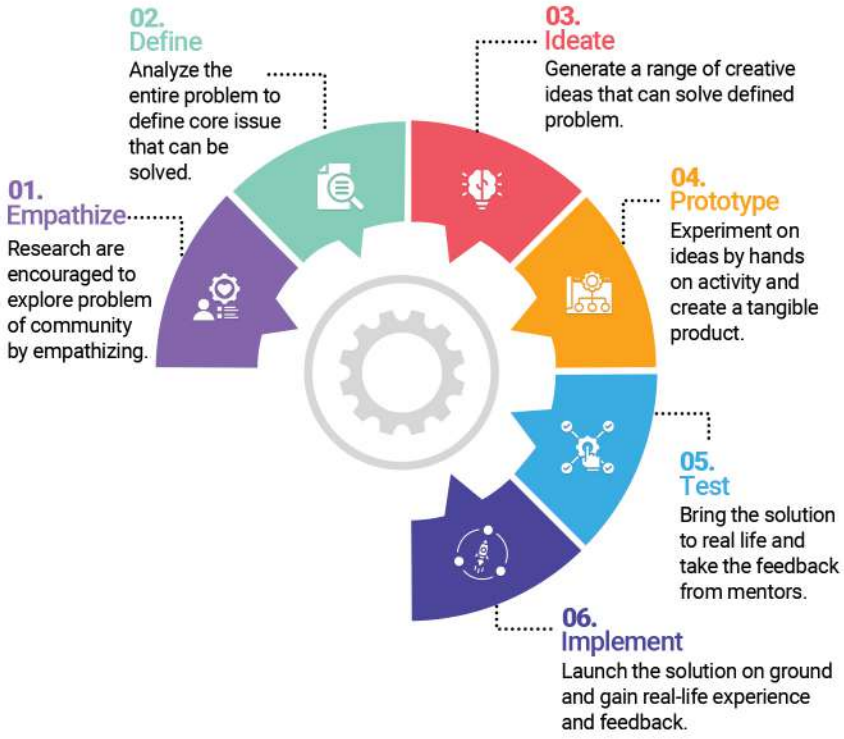
OUR METHODOLOGIES

CIC Methodology and Design Thinking Approach serve as the foundational framework of all our STEMROBO programs and curriculums.

The proprietary CIC **(Consumer→Innovator→Creator)** methodology is meticulously designed to guide students through a progressive journey, commencing as consumers and advancing into **innovators** and ultimately **creators**. Students embark on their journey by engaging as consumers, working with various DIY Kits and coding platforms to perform activities crafted around real-world scenarios. This **Activity-based Learning (ABL)** assist students in ideation and growth as innovators, encouraging them to think outside the box. Ultimately, students transform into **creators**, gaining the capability to innovate and drive change in the world by addressing real-life problems aligned with **UNSDGs** through **Project-based Learning (PBL)**.

Design Thinking Approach

We foster real-world problem solvers through 'Design Thinking' integrated into STEAM education. Our curriculum encourages hands-on projects where students identify issues, empathize, brainstorm, prototype, and iterate solutions. This process nurtures creativity, empathy, critical thinking, and problem-solving skills, promoting collaboration and innovation. Students apply STEAM knowledge to solve genuine challenges, preparing for impactful roles. We prioritize interdisciplinary learning, project-based tasks, and a supportive, diverse environment.



OUR SOFTWARE PLATFORMS

AI Connect

World's first unified AI & ML Coding Platform.

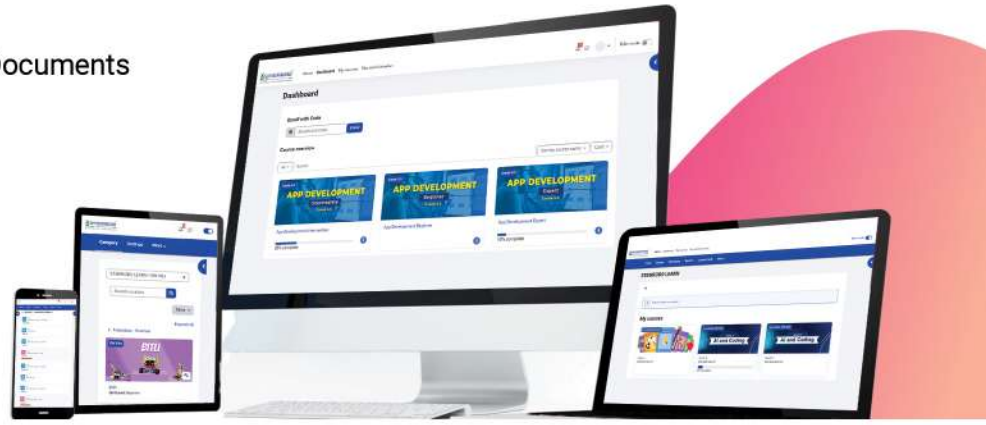
- Easy and User Friendly Interface
- Diverse Python Activities
- Block-Based Python Programming
- Seamless Integration with Python IDLE
- Block to Text Conversion
- Graphical Python Activities
- Textual to Block-Based Programming
- AI and ML Based 200+ Interactive Activities

STEMROBO LEARN / LMS

Discover the world's first Learning Management System (LMS) dedicated to STEM education. Our revolutionary LMS is designed to work seamlessly both Web and through a Mobile App, providing students with 24×7 access to interactive content. Students can engage in online live sessions, attempt quizzes and assignments, while teachers can effortlessly teach, conduct exams, and monitor students' progress. With our cutting-edge LMS, management can accurately measure the impact of the program.

On STEMROBO Learn Platform, access our online courses to guide you in the exploration of STEAM.

- Certification for Students & Teachers on completion of course
- 24 x 7 Access to Platform
- Live Session feature
- Access to Interactive Videos and Documents
- Quarterly Progress Reports
- Compatible with PC/Mobile
- Assessment at Regular Intervals



OUR
IN-HOUSE DIY KITS

Tinker Orbits

- Robotics and IoT 2-in-1 Kit which teaches electronics, AI and IoT.
- Color-coded input and output plug and play modules.
- Programmable kit that encourages creative projects.

Tinker Orbits Project Based Learning

- 10+ easy to assemble multifunctional models.
- Engaging projects around IoT and sensors.
- Develop the creative mindset in students.

BitLi

- Engages K-12 students in hands-on Robotics, and AI/ML projects.
- Block-based coding, curriculum-aligned, Project-based learning.
- Block-based assembly and programmable kit develops problem solving skills.

STEMBOT

- Empowers students with AI and ML concepts via hands-on experiments.
- Easy to program, in-built with multiple sensors.
- Easy to program via GUI based Block Coding for multiple AI projects.

STEAM Paper Circuit

- Teaches the basics of electronics with art and creativity.
- Encourages the exploration of electronics concepts among primary students.
- Safe, user friendly kit for crafting wonderful ideas around electronics.

OUR
IN-HOUSE DIY KITS

Linker Bot

- Mechanics and Design thinking kit suitable for aged 6+ students
- Understand the concept of biomechanics with linkages
- 30 easy to assemble and move activities with manual

Mechatron

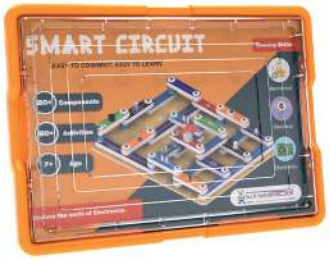
- Mechanical Construction kit suitable for children aged 6+.
- Teaches application of concepts like - force, friction, gear, motor, etc.
- 150+ parts, 20+ robotics projects, easy to assemble with guided manual.

Arduino Starter Kit

- Prototyping kit suitable for exploration of electronics and programming.
- Encourages students for DIY projects and product development.
- Robust, reusable institutional kit supported by gamified coding platform.

Basic Electronics Kit

- 50+ fun filled circuit combinations with reusable electronics components.
- STEM expert-curated content for fun and practical learning of electronics circuit:
- Enables solderless circuits, simulation and realtime prototyping.



Smart Circuit

- Boundless creativity through 60+ DIY electronics projects.
- Specially designed magnetic modules for making learning fun.
- Easy-to-follow instruction manual for activity and project-based learning.

OUR
IN-HOUSE DIY KITS

Pick & Place Tank

- Durable design with built-in gripper for hands-on learning.
- Used for pick & place activities and multiple competitions like Robo War.
- Visualize industrial automation through wireless programming.

Tappy Bot (Screen Free Coding Bot)

- Screen free coding kit suitable for grade KG- 5.
- Activities designed to develop critical thinking and coding fundamentals.
- Develop creative and cognitive mindset at an early stages.

Drone

- Enjoy smooth 360° flying with easy controls that make the drone fun and simple to operate.
- Capture clear photos and videos and watch the live view directly on your smartphone using the app.
- Draw a flying path on your phone and see the drone follow the route automatically.

Fun Linker

- Enhances creativity for young learners with 240+ sticks & building blocks.
- Promotes hand-eye coordination, imagination, and logical thinking skills.
- Endless creative combinations teach spatial thinking & stimulate basic building techniques.

Humanoid Robot

- Brings robotics to life with expressive movement, voices and interactive actions.
- Makes learning engaging by teaching coding and human–machine interaction.
- Transforms classrooms into spaces of curiosity, creativity, and innovation.

WHY STEMROBO ?

First Company to Provide End-To-End Implementation Support for the K-12 Schools & Students.

Intuitive Methodologies

Content delivery using intuitive methodologies to maximize student's grasp over concepts.

In-house R&D Team

Designs, develops and upgrades the innovative DIY kits and platforms.

200+ Engineers

Strong team of Innovation engineers and educators for on ground implementation support present across the country.

Domain Expert

Engineers for conducting webinars, workshops and providing support for advanced - level projects and innovations.

STEMROBO Learn

24x7 LMS support present with graded progressive curriculum for self paced learning to meet the need of every student.

PAN India Presence

More than 3000+ schools are associated with us across India.

Experiential Learning

Aim to nurture computational thinking with creative hands-on activities.

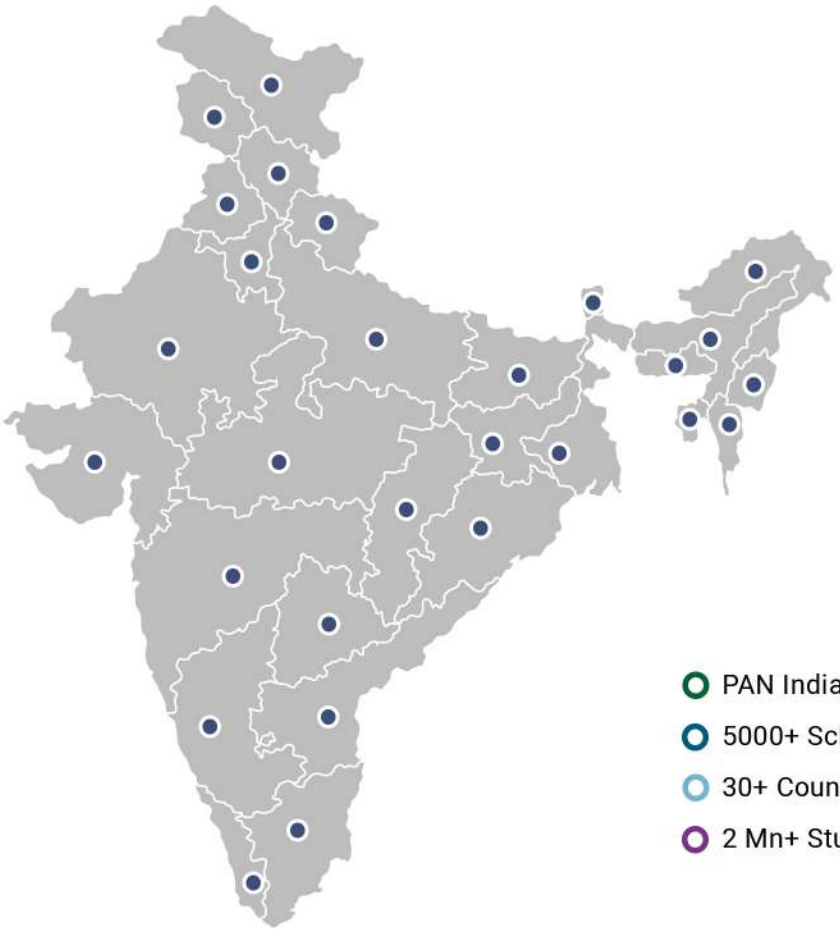
Feedback Oriented

Our programs, curriculum and execution evolve with time and customer feedback.

Quality Tested

Deliver quality in lab equipment and services that is unmatchable.

Nationwide Presence



Global Presence

Our Associated Schools

& many more...

Strategic Alliances & CSR Partnerships

& many more...

HEAR FROM OUR ASSOCIATED SCHOOLS

T E S T I M O N I A L S

MRS. JYOTI ARORA

Principal

Mount Abu Public School, Delhi

STEMROBO team of experts have provided us with excellent technical support and their trainers assigned to our school were dedicated, energetic and committed. We would definitely recommend the team to other schools.

★★★★★

MRS. GEETA GANGWANI

Principal

Bal Bharti Public School, Rohini

We have collaborated with STEMROBO to provide tinkering and innovation platforms to our students. AI Program has been running successfully in the school and students have been greatly benefitted by the best in class services provided by STEMROBO.

★★★★★

MRS. SWARNIMA LUTHRA

Principal

ASN Sr. Sec. School, Delhi

STEMROBO has an innovative, enthusiastic team that delivers what they promise by inculcating the same mindset in our students. I highly recommend them to everyone looking for STEM Education in their schools.

★★★★★

DR. RICHA VERMA

Principal

Maxfort School, Rohini

In the 4 years duration of our association with STEMROBO, we really want to appreciate their services and products. We want this association to be a long one.

★★★★★

MRS. ROOMA PATHAK

Principal

M.M. Public School, Delhi

The dedication and expertise of Innovation Engineers from STEMROBO can be seen in their work as they never hesitate to walk the extra mile to deliver on their promise.

★★★★★

MR. KAUSTUBH OMAR

Convener

ISSTF & Vibha Brahamavart

Thank you STEMROBO for joining and supporting us. Best wishes to your company, I believe your company will achieve more and more. You are the real meaning of STEM education.

★★★★★

HEAR FROM OUR ASSOCIATED SCHOOLS

T E S T I M O N I A L S

SWAMI VIDYAMRITANANDA

Principal

Ramakrishna Mission Vidyalaya, Tripura

STEMROBO training triggers inquisitiveness among students to innovate and solve real world problems. We highly recommend their services.

★★★★★

MR. RAJEEV SHRIVASTAVA

Coordinator

Sarasvati Vidya Mandir, Rambagh

STEMROBO is taking initiatives to help the kids to be innovative. Every effort is being done by this young energetic and enthusiastic team for the welfare of the young generation. They have provided excellent services to their beneficiaries.

★★★★★

MRS. MINAKSHI KUSHWAHA

Principal

Birla Vidya Niketan, Delhi

I highly admire the cooperation and program organizational skills of STEMROBO. They are doing a wonderful job.

★★★★★

MR. ARUN GUPTA

Principal

Doaba Public School, Hoshiarpur

"STEMROBO" Highly qualified team, we have got excellent service from the company. I am impressed with their teaching methodology to students & Teachers. I highly recommend to those schools who are looking for STEM Education or to introduce new technologies.

★★★★★

MR. DANISH

Coordinator

Ryan International School, Gujarat

STEMROBO is a highly motivated and enthusiastic brand. You can never make a mistake having business with them. A big thanks to team STEMROBO to setup the Innovation Lab In our school.

★★★★★

KUNAL SHARMA

Student

Innovation Lab has helped a lot in polishing my skills and giving me a platform to showcase my talent. All mentors were very helpful and supportive. I am thankful to them for helping me so much.

★★★★★

OUR CORE TEAM

ANURAG GUPTA
CEO & Founder

RAJEEV TIWARI
CFO & Founder

Anoop Gautam
Co-CEO

Abhinav Gupta
Chief Operating Officer

Saket Saurabh
IT-Director

Divyajyoti Mishra
Content & Methodology

Sandeep Gupta
B2G & School Partnerships

Atul Mishra
Operations & Execution

Kriti Sharma
School Partnerships

Abdul Rashid
Accounts and Finance

Anwar Warsi
HR & Talent Acquisition

Avinash Mahato
Product Development

Shivaang Sangal
Partnerships & CSR

Rohit Kathuria
Government Partnerships

Suwan Kumar Ram
Government Partnerships

Akshit Jain
Content & Methodology

Abhishek Mohan
Vice President

MD Dilnawaj
Accounts and Finance

Mohit Vyas
Operations and Execution

Nikesh Sharma
Operations and Execution

Vivek Kumar
Operations and Execution

Shubham Rana
Operations and Execution

Nitin Sharma
Operations and Execution

Ashish Gupta
Operations and Execution

Sourav Sarkar
Operations and Execution

Subhash Kumar
Operations and Execution

Sarvesh Naik
Operations and Execution

Sourab K Shetty
School Partnerships

Harsh Vardhan Chaudhary
Operations and Execution

RahulDev Sana
School Partnerships

Akanksha Chaturvedi
School Partnerships

Nidhi Yadav
School Partnerships

Rajat Gupta
School Partnerships

Yeduresapu Dhilli Rao
Operations and Execution

Gaurav Kumar
College Partnerships

Devendra Kushwaha
SEO & Marketing

Alka Kumari
School Partnerships

Dharmendra Kumar
School Partnerships

Yogesh Kumar
Operations and Execution

Ganesh G
School Partnerships

Apoorv Maheshwari
B2B - School Partnerships

Malay Joshi
Innovation & Design

Akanksha Rajput
Product Innovation

Roopali Bhragudev
LMS Support

Vipul Gupta
Procurement and Inventory

Abhay Prasad
3D Printer Team

Neha Jaiswal
B2C - Tinker Coders

Shubham Gupta
Operations and Execution

Saurabh Kumar
Software Development

Aala Subhani
B2C - Tinker Coders

Divya Tewari
Branding & Marketing

Sugandha Saxena
Creative Designer

Shah Nawaz Warsi
Video Editor

STEAM Innovation League (SIL)

World's Biggest Innovation Showcase

The STEAM Innovation League (SIL), organized by STEMROBO Technologies, is the world's premier AI, Robotics, and Innovation Championship designed exclusively for K–12 students. SIL is not just a competition — it is a movement to ignite the spirit of innovation in school students and empower them to become problem solvers, creators, and future technology leaders. With a strong focus on STEAM, AI, Robotics, and Sustainable Development Goals (SDGs), SIL offers a high-impact platform where students from across the globe come together to showcase breakthrough ideas, build real-world solutions, and learn from the best minds in the industry.

SIL aims to become the global epicentre of student-led innovation — a place where future changemakers are discovered, nurtured, and celebrated. From live showcases and hands-on learning zones to expert mentorship, workshops, and international recognition, SIL provides an immersive experience for not just students but also teachers, mentors, and schools who are passionate about shaping the future of education and technology.

Record-Breaking Participation at SIL 2024-2025

- **1 Lakh+** Students
- **50,000+** Teams
- **3,000+** Schools
- **8+** Countries

MORE COMPETITIONS THAT WE SUPPORT

At STEMROBO Technologies, we proudly empower and guide students to participate in various prestigious national and international innovation competitions. Our mentorship and training help students bring their ideas to life and shine on the biggest stages.

We support participation in:

ATL Marathon

Intel IRIS National Fair

MANAK nspire Awards

Technoxian World Robotics Championship

WRO (World Robot Olympiad)

EVENTS

Our Co-founder & Director, Mr. Rajeev Tiwari, featured in the Budget Panel Discussion live on India News.

Indian CSR Awards - 2022

Representing India at CeBit, Germany

Recognition by SIS founder & M.P.

Featured in "STARTUP NATION" on CNBC Awaaz

With industry Leaders at TiE Global Summit

BITLI Launch Event at STEMROBO, Noida

Awarded at ELDROK India Summit 2019

Robotics lab inauguration at Govt. Sarvodaya Vidyalaya, New Delhi with Dept. of Education, Govt. of Delhi

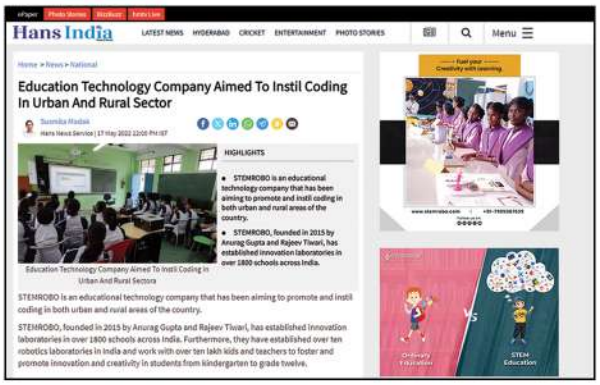
India International Science Festival (IISF) 2022 at MANIT Bhopal.

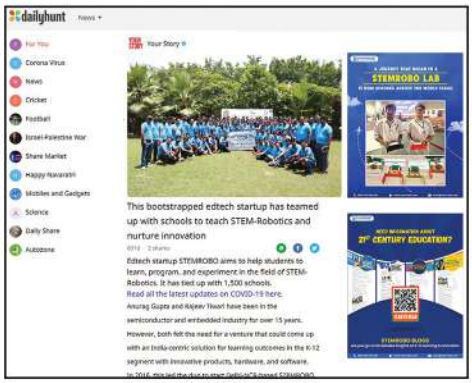
STEMROBO Director Mr. Anurag Gupta has been invited to #IIT Kanpur as a guest speaker on #Robotics and #AI!

Education Excellence Conclave, held in Ahmedabad, India.

Indian ASEAN Startup Summit 2023 Malaysia

OUR MEDIA PRESENCE





OUR MEDIA PARTNERS

हिन्दुस्तान

अमर उजाला
जोश! सच का!

दैनिक जागरण

CNBC आवाज़

THE HINDU

दैनिक सवेरा

YOUR STORY
INSPIRE
INNOVATE
IGNITE

INDIA TODAY

धरित्री

MAKE IN INDIA

CeBIT

ABP
आनन्दबाजार पत्रिका

SAMBAD
ସମ୍ବାଦ

ପ୍ରମେୟ

Ministry of Electronics and Information Technology
Government of India

IESA
Taking India to ESDM Leadership

YAHOO! FINANCE

FINANCIAL EXPRESS
Read to Lead

THE PIE
Professionals in International Education

QUARTZ INDIA

STEMROBO IN ACTION

STEMROBO
Innovation, Creativity & Learning

Scan QR Code to Visit Our Website

STEMROBO TECHNOLOGIES

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OUR OFFICES Bengaluru, Mumbai, Kolkata, Hyderabad, Madurai, Raipur, Gwalior, Chittoor, Shillong, Guwahati, Beed, Abu Dhabi, Accra, (Ghana), Nairobi (Kenya), Dar es salaam (Tanzania)