



Science



Technology



Engineering



Art



Math



STEMROBO™

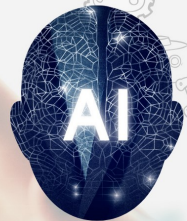
Innovation, Creativity & Learning

Tinker Orbits

TINK3R 'N' DESIGN



IOT



3000+ SCHOOLS

30+ ACTIVITY CENTRES

1 Million+ STUDENTS



WWW.STEMROBO.COM



STEMROBO TECHNOLOGIES

STEMROBO provides End-To-End Solution to K-12 Schools & Students for Nurturing Innovation & 21st Century Skills among young Students of age 6-18 years. We offer 21st-century students an opportunity to explore, experience and bring Innovation through a world class STEAM, AI, Robotics, Coding 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.

Mission

Our mission is to build an ecosystem focused on leveraging technology in education where STEAM, Robotics, Coding & Artificial Intelligence 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. We are on a journey which will help students to elevate core skills like Logical Thinking, Creativity, Computational Thinking and Problem - Solving.



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

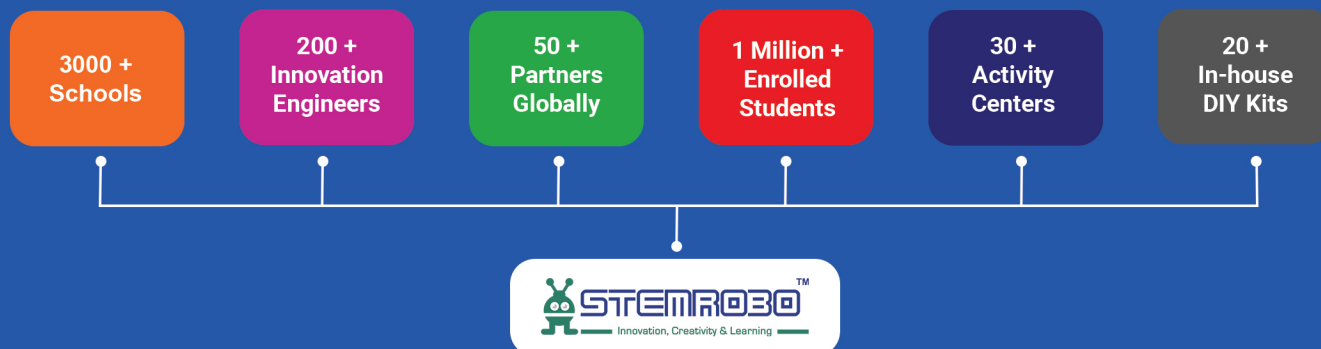
DIPP

CERTIFIED





STEMROBO was felicitated by the Honorable Minister Shri Ravi Shankar Prasad (Ministry of Electronics and Information Technology, Government of India), for promoting technology in the education sector under the Make in India initiative.



Strategic Alliances & CSR Partnerships



NASSCOM



HCL



intel.



Our Global Presence

Global Presence in 50+ Countries

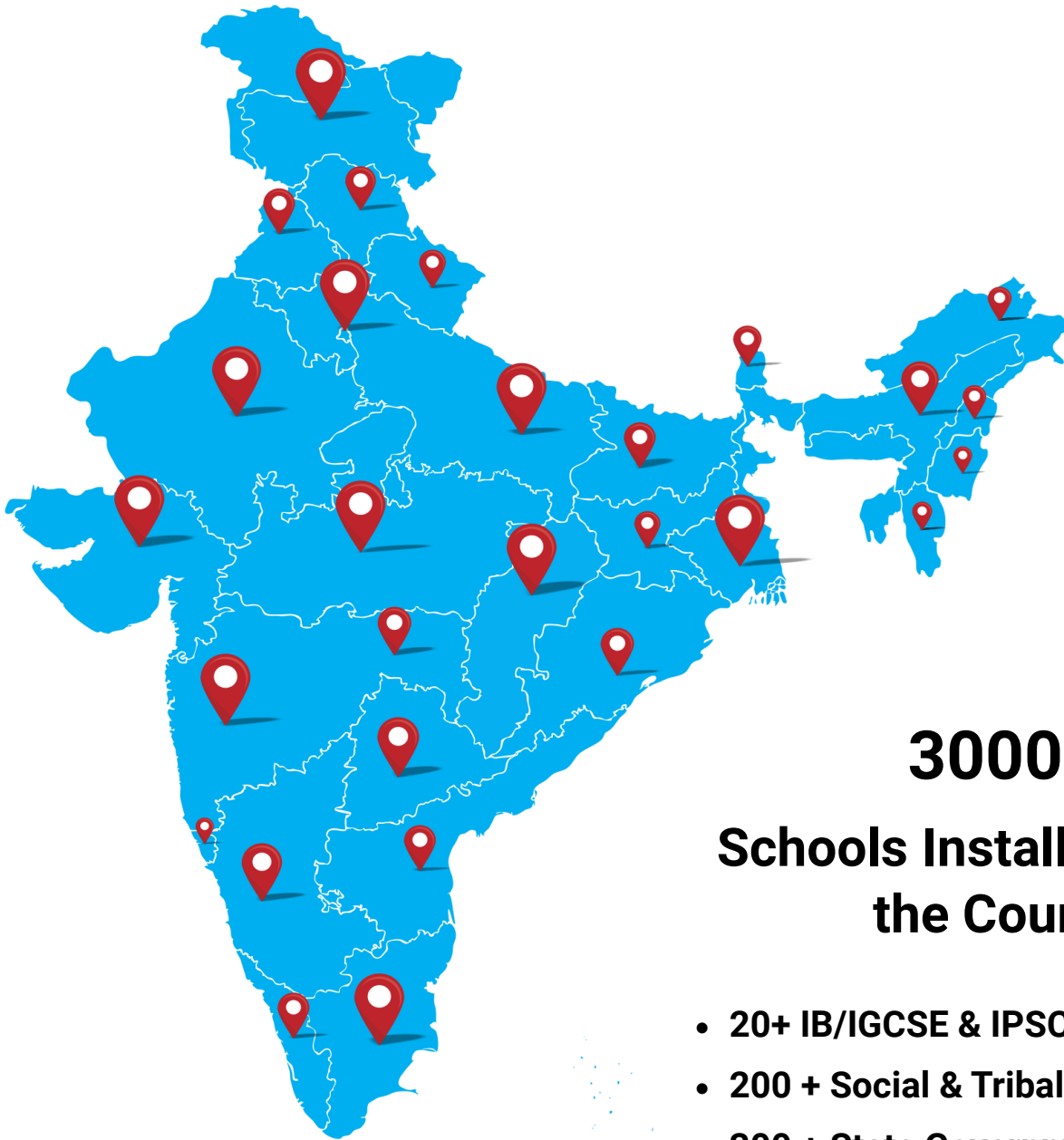


Multiple Chains of School are a part of our Delighted Clientele



& many more....

Our Associated Schools



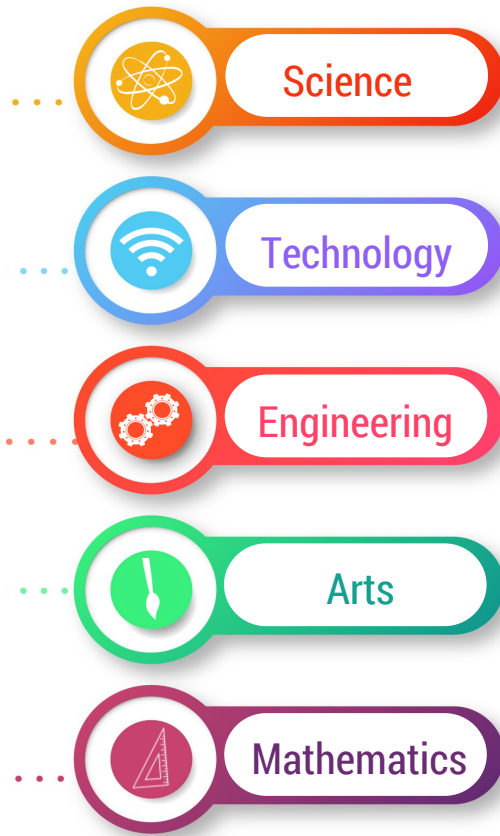
**3000 +
Schools Installed Across
the Country**

- 20+ IB/IGCSE & IPSC Schools
- 200 + Social & Tribal Welfare schools
- 300 + State Government Schools
- 200 + Central Government Schools
- 75 + Vidya Bharti Schools
- 30 + DAV Public Schools
- 20 + Delhi Public Schools
- 2000 + Private Schools

Scan the QR Code
for Complete List of
Our associated
Schools

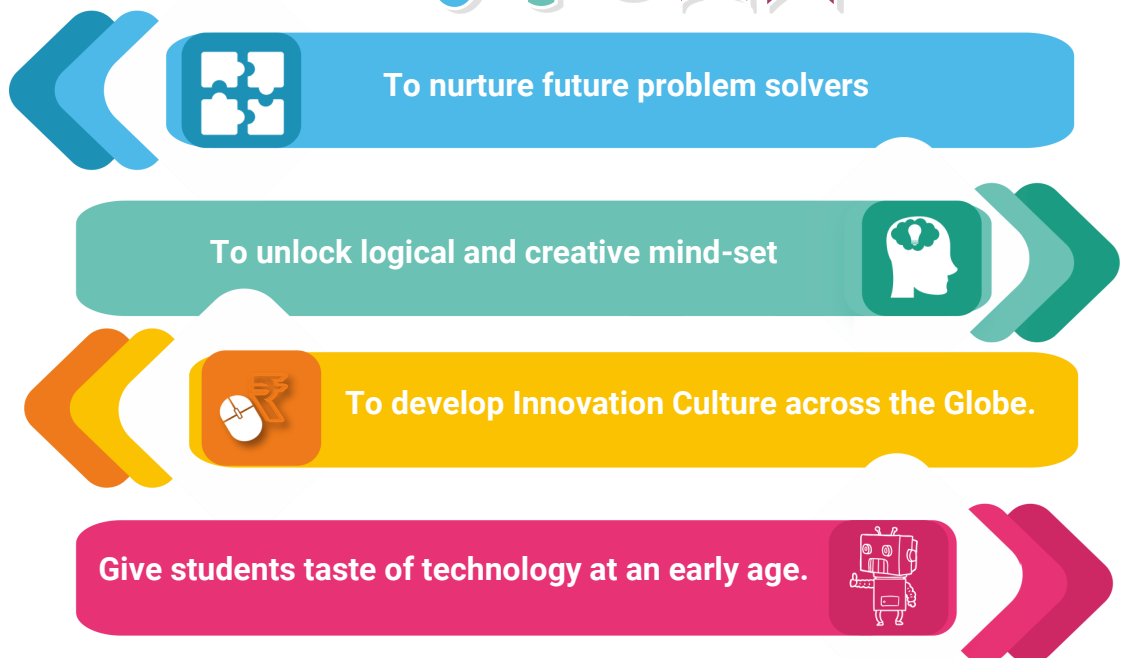


What is STEAM ?

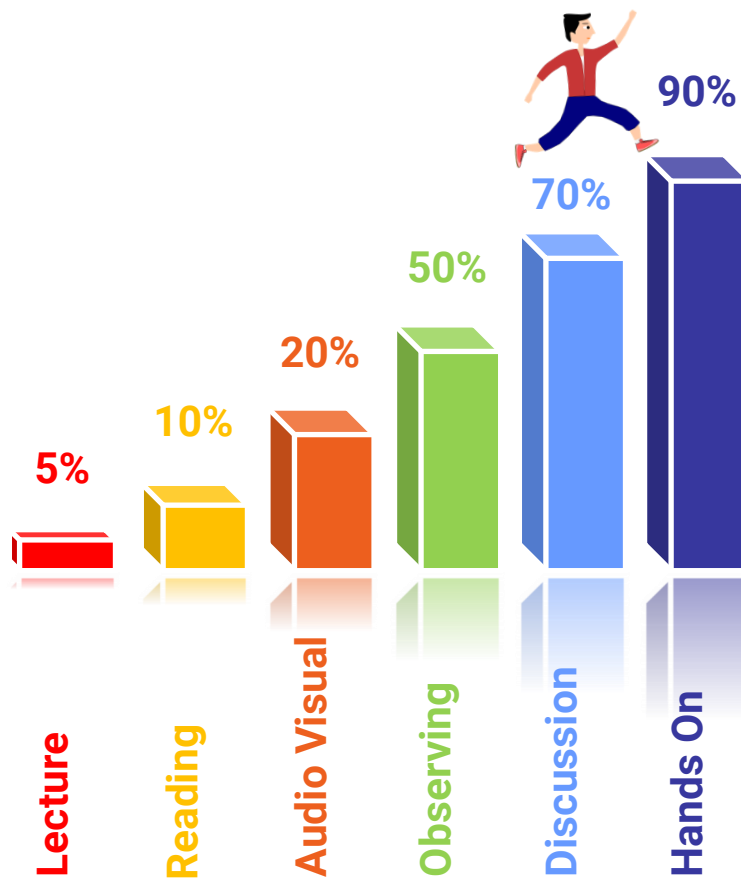


STEAM is an approach to look at life with a problem-solving perspective, instead of being just a subject. In the guidance of STEMROBO Engineering Professionals child learns to connect the dots between fundamental concepts from school topics and the real-world application. STEAM is not a class but a culture that will bridge the gap between academic learning and real-world applications.

WHY STEAM ?



Tinker & Innovation Program



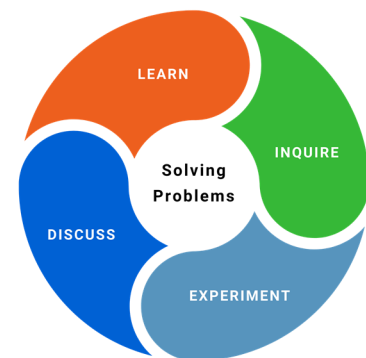
According to our years of experience:

After two weeks, kids tend to remember 90% of what they do whereas the percentage drops to 5% for a conventional lecture.

To learn effectively, students must do more than listen. They must read, write, inquire, experiment, discuss and solve problems.

We have designed labs that are capable of providing students much needed support for carrying out experiments, discussing the possibilities and taking a big step towards solving problems of today and future.

We provide with the curriculum that goes hand in hand with the academics along with delivering 21st-century skills, enthusiastic support from our innovation engineers and many other resources.

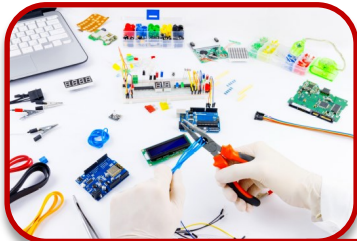


"I hear things, and I forget them. I see things, and I remember them. I do things, and I understand them."

- Confucius

Our Offerings

INNOVATION & 21ST CENTURY SKILLS FOCUSED PROGRAMMES FOR SCHOOLS



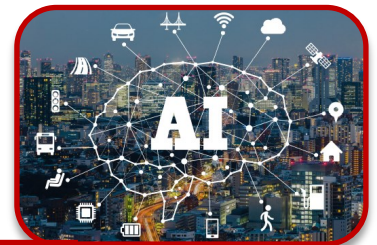
STEAM & Robotics Program

- Young children get an opportunity to work with tools, Controllers, Sensors and equipment to understand different aspects of STEAM and Robotics.



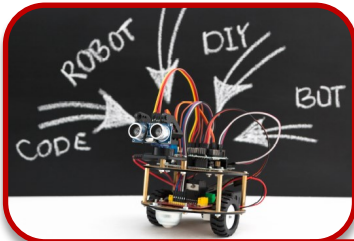
Artificial Intelligence Program

- Prepare students for the upcoming technologies.
- Students will learn block-based Python coding.
- A kick start with simple activities, to create complex systems in future.



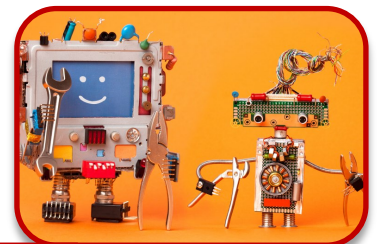
STEMROBO TINKER & Innovation Program

- Tinker & Innovation Program is focused on leveraging technology in education.
- An Enabler for students to learn and Innovate in the field of STEAM, Robotics, IoT & Artificial Intelligence.



Atal Tinkering Lab

- 'One Stop Solution' for ATL Setup.
- End to end execution of Atal Tinkering Labs through Unique STEMROBO DIY Kits, Products & Methodologies.



Pre - Tinkering Program

- Our Pre - Tinkering Lab is dedicated to bring STEAM Education for Primary Level (Class 2nd - 5th) students through different 'learning with fun' activities using unique STEMROBO Products & Methodologies.



Our Offerings

STEMROBO DIGITAL PLATFORMS



Tinker Learning Platform

- A Global online learning platform for tinkerers to explore Innovation and Creativity.
- Access to Innovative content, Methodologies and self learning video tutorials.



Tinker Webinar

- STEMROBO Tinker Studio offers Online Webinars on Advanced and Trending technologies from the Experts.
- Idea is to promote Innovation & Tinkering for the masses.



Tinker Mart

- It's an E-mart platform for all your DIY (Do it yourself) Cravings.
- Explore our range of DIY Kits & Unique Products at www.tinkermart.in



Tinker Coders

- Tinker Coders is Providing online training to Young Innovators.
- It helps students to develop Computational Thinking.
- Enhance creativity by designing Games, developing apps and Programming.



Tinker AI Connect

- Enables the learners to explore the world of AI.
- Uses Basic Python, Graphic design, Machine Learning & Real world application of AI.
- Integrated with the unique 'AI Box'.



Our Offerings

EDUCATORS TRAINING PROGRAMS

Robotics Certification

- Tinker Certification Course is for teachers and educators.
- Get the exposure of Robotics, Sensors, Electronics & Coding integrated with STEM concepts.



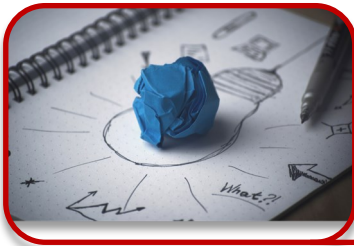
STEAM Certification

- STEAM Certification course is helping teachers and educators to be equipped with the 21st Century Skills through various types of STEAM Products and Methodologies.



Design Thinking Certification

- Learn the concepts of Design Thinking- Empathize, Define, Ideate, Prototype and Test.
- Empower teachers and educators to develop innovative solutions and ideas.



Coding & AI Certification

- A real- life exposure to Coding & AI concepts with the help of 'AI Box'.
- Help educators to get the insights of Coding & Artificial Intelligence.



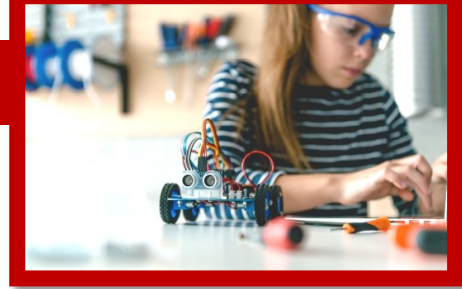
Our Offerings

TINKER CLUB / WORKSHOP / AFTER SCHOOL PROGRAM



Morning Club

- Morning Club helps students to have some hands-on experience on different type of DIY Kits.
- Help students to kick-start with STEAM, Robotics, Coding and AI.



Activity centre in Apartments

- Anyone can open an Activity center in their apartments and Tinkering can go beyond the school boundaries.
- We are training youths, educators, and homemakers.



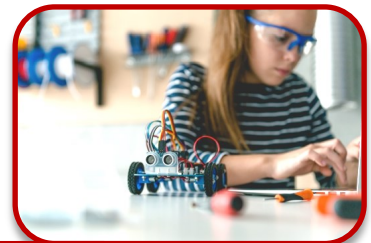
Tinker Workshops

- STEMROBO offers the series of Tinker Workshops around Advanced Technologies. (AI, Robotics, IoT, 3-D Designing, Arduino & Sensors, Raspberry Pi, Drone & Aero-modelling and many more...)



Weekend Tinkering Enrichment Program

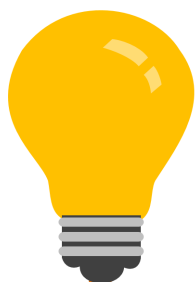
- STEMROBO offers the series of weekly tinkering sessions around advanced technologies to create the next generation of innovators.
- Learn AI, Robotics, IoT, 3-D Designing, Arduino & Sensors, Raspberry Pi, Drone & Aero-modelling and many more...



ATAL TINKERING LAB

ATAL TINKERING LAB is a space where students can use engineering & technology to become future problem solvers, innovators, and entrepreneurs. It is a project of NITI Aayog under the Atal Innovation Mission by the Government of India.

At its core, Atal Tinkering Lab is an effort to develop computational thinking among students, the most sought after skill of the 21st century.

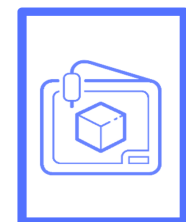
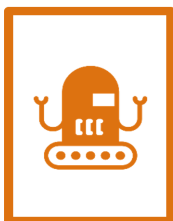


Top of the line ATL Packages

STEMROBO features in the indicative list of vendors by government of India.

Package 1

State of the Art DIY Kits developed by STEMROBO.

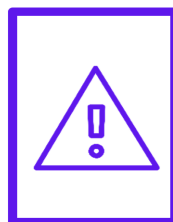
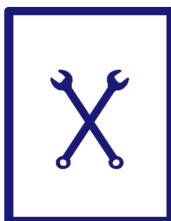


Package 2

Arctic 3D Printer for excellent and exceptional support

Package 3

Tools developed by Industry Leaders such as Bosch, Stanley etc.



Package 4

Safety & Power equipment as per AIM Standards.



Why STEMROBO?



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

Intuitive Methodologies



Our R&D team develop and upgrade the DIY kits continuously.

In-house R&D



We are a team of more than 200 Innovation Enthusiasts.

200+ Engineers



Domain Expert Engineers for workshops and project support.

Domain Expert



Online Learning solutions for self-paced learning to meet the need of every student.

Online Learning



More than 3000 schools are associated with us across India.

PAN India Presence



Aim to nurture computational thinking with a creative hands-on activity.

Hands-on Activity



Our lab designs and execution evolve with time and customer feedback.

Feedback Oriented



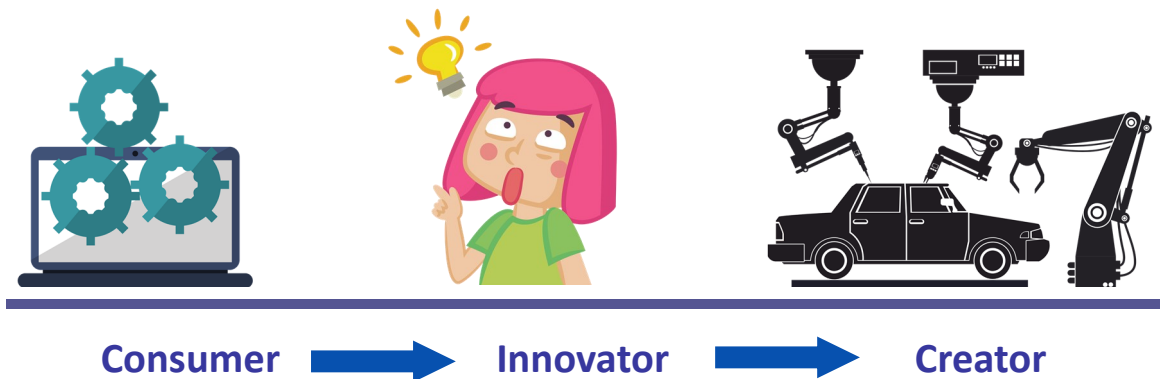
Deliver quality in lab equipment and services that is unmatched.

Quality Tested

Our Methodologies

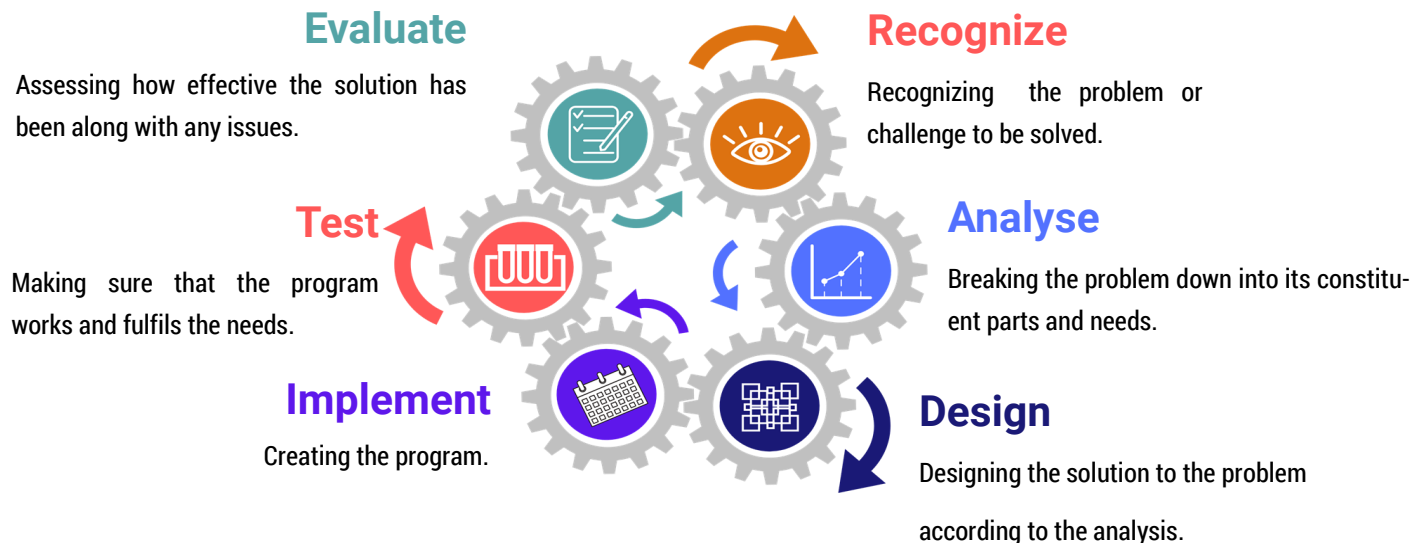
We follow two approaches, one is the CIC approach while the other is Design and Thinking.

CIC Approach



We follow a unique methodology enabling students to evolve from Consumer-to-Innovator-to-Creator. The student initiates this journey working with various kits and platforms to gain a complete skill set. The students gradually become capable of innovating and bring a change to the world. In the last step students create a product that can be introduced to the market and help the world become a better place.

Design Thinking Approach



We have a curriculum designed for the exponential growth of students from taking baby steps for achieving milestones in the field of Science, Technology, Engineering, Mathematics, and Robotics. Our curriculum has an emphasis on design and thinking and is academic - relevant as per your education boards. We also offer customized curriculums in accordance with the skill set of students.

Training and Support



Students Training Programs

We provide training to students on the latest technologies through various interesting methodologies, by which students are able to solve real - life problems.

Teachers Training Programs

We train school teachers to integrate learning and innovation in regular classroom sessions. Our programs have helped teachers to make their class more interesting and informative.



Project Support by Industry Experts

Regular technical sessions are provided to students and teachers for exposure to improvise their learning skills.
Backend support is provided for various competitions.

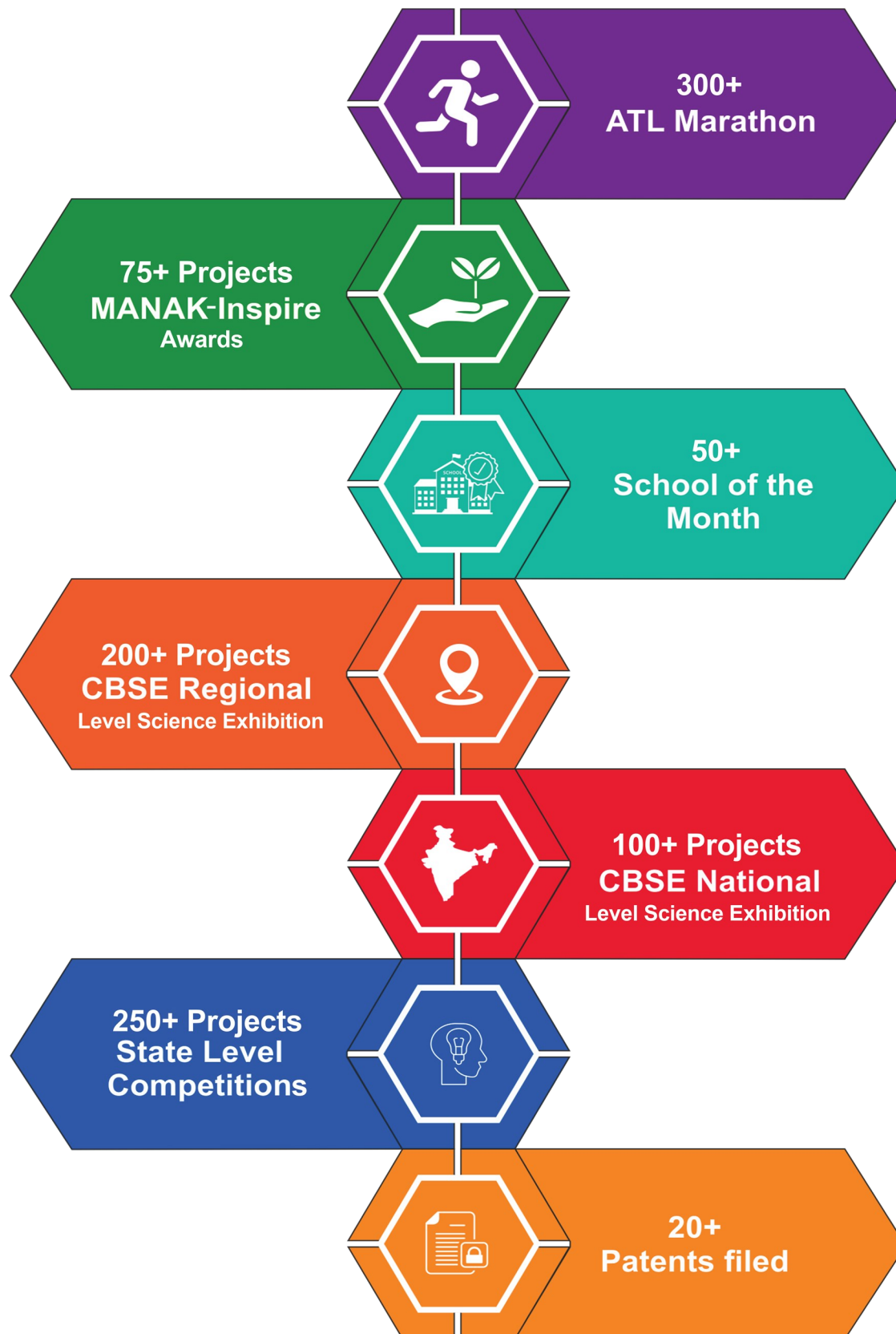


Assistance and Support

Our dedicated team supports in the lab execution. We also help schools by using our data - driven process to easily review and document their progress periodically.



Our Benchmarks



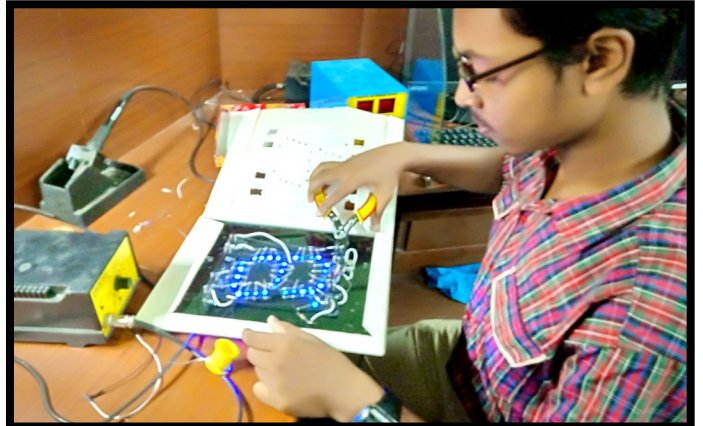
Achievements from Our School



STEMROBO in Action



Model Lab



DAV Model School, IIT Kharagpur



Wisdom Cubes



APEEJAY School, Noida

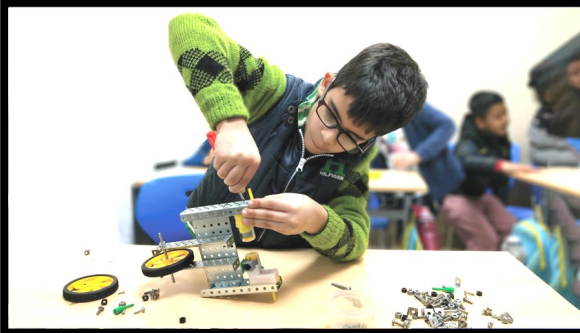


Lotus Valley International School, Gurugram



Mount Abu Public School, Delhi

STEMROBO in Action



Our DIY Kits

Tinker Orbits



- STEAM DIY kit based on sensors & programming.
- Plug 'N' Play based sensor modules.
- Block based programming app and software for coding.

Tinker 'N' Design

- STEAM DIY Kit based on 3D modelling and design thinking.
- 20 + Creative activities with supporting materials.
- DIY Kit for young tinkerers to kick start their 3D modelling.



STEAM Paper Circuit



- STEAM DIY kit where craft meets electronics.
- Perfect kit for kids to start the electronics with arts.
- Set of Activities designed for different levels.

Mechatron Robotic Kit

- Robotic kit for students to explore about Gears, Motors, Remote control, control card etc.
- 40+ DIY activities along with 150+ mechanical parts.
- Concepts of robotics taught in integration with concept of Science and Math.





AI Box

- Block based coding along with equivalent python codes.
- 200 + Python based interactive activities of AI and ML.
- Sensors interfacing feature with R-Pi.
- Graphics Designing features.

ARCTIC 3D Printer

- ARCTIC is advanced, IoT enabled 3D printer designed for Tinkerers and Innovators around the globe.
- Build Volume: 250mm x 280mm x 250mm.
- Using 3D Printer, Tinkerers can transform their ideas into reality.



StrawBot Kit

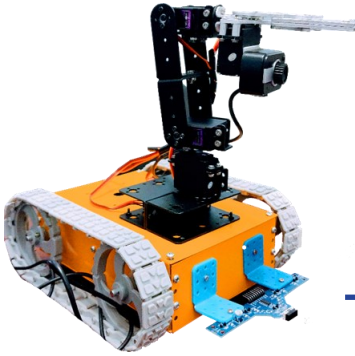
- Strawbot is learning kit by implementing the linkages mechanism concept in Straw Bot to imitate the movement pattern of various creatures.
- Skills Development - Creating and customizing complex structures allows children to sharpen their problem-solving skills.
- STEAM Learning - Kids may connect parts to build links, joints, and kinematic pairs, which encourage exploration.

Arduino Starter Kit

- Arduino Starter kit is the fun way to understand the concepts basic electronics and programming.
- This kit will give you a platform where you will learn hardware & software, and develop logical thinking.
- It is a great way to get started with Arduino, Coding and Electronics.



Our DIY Kits



Robotic Pick & Place Kit

- AI driven Robotic Car Kit with two motors and sensor integration using the block-based programming language.
- Projects: Smart Autopilot, Speech Recognition, Smart Shopping, Automated Restocking.

Breadboard Kit

- Breadboard Kit is a DIY Kit that is perfect for anybody who wants to start with basic electronics.
- 40+ Activities designed around this kit for Tinkerers.
- This kit can be used as a prototyping kit to make burglar alarm, water level indicator, smart city, number display projects & many more.



Drone



- Easy to code, modular, open source drone.
- With DIY, experience the fun of building and learning the drone technology.
- Program your drone using API based Cygnus IDE with sample projects.

STEAM Construction Kit

- STEAM construction kit is the best way for young tinkerers to start their exploration in the field of STEAM.
- 15+ DIY pre-planned activities.
- Easy to imagine and assemble.



Our Digital Platforms

On Tinker Learning platform, access our Online Courses to guide you in the exploration of STEAM



24 x 7 Access to Platform



Certification for Students & Teachers on completion of course



Live Session Feature



Assessment at regular intervals



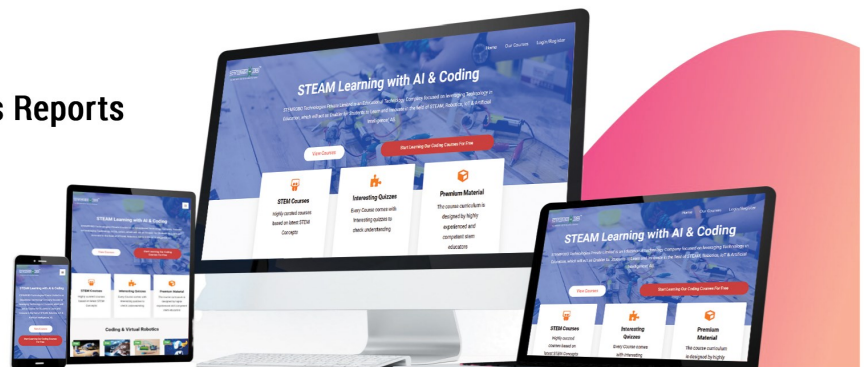
Access to Interactive Videos and Documents



Quarterly Progress Reports



Compatible with PC/Mobile



You can use our Android app to program and interact with the Tinker Orbits



Block based Coding



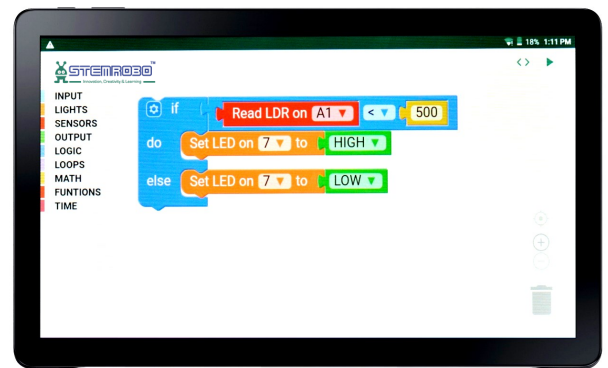
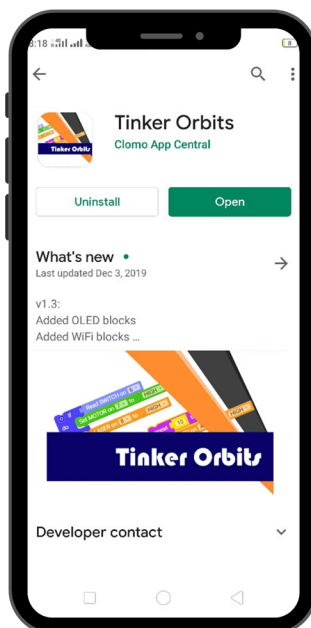
IOT enabled



Self –directed guide



Project based learning



This app allows children to connect blocks like a jigsaw pieces to create codes that will control Tinker Orbits educational kit. Learn concepts like inputs, outputs, logic, loops, arithmetic, functions, operations, etc.

These blocks teach the concepts of coding through activities and project-based learning. This allows kids to learn and explore on their own.

Media Coverage



Students representing their projects to Hon. President Ram Nath Kovind



Representing India at CeBit, Germany



Recognition by Sis founder & M.P.



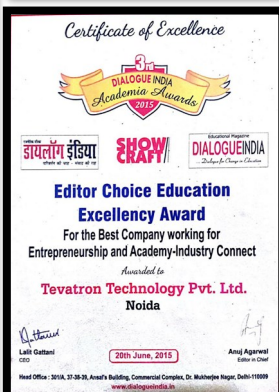
With Industry Leaders at TIE Global Summit



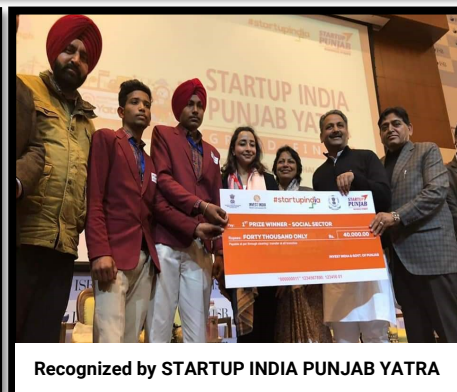
Felicited by Dr. H. C. Verma



Awarded at ELDROK India Summit 2019



Featured in "YOUR STORY"



Recognized by STARTUP INDIA PUNJAB YATRA

Our Core Team



ANURAG GUPTA
CEO & Founder



RAJEEV TIWARI
CFO & Founder



Anoop Gautam
Chief Business
Officer



Abhinav Gupta
Chief Operations
Officer



Saket Saurabh
IT Director



Divyajyoti Mishra
AGM - Key
Account Management



Sandeep Gupta
Zonal Head
Business Development



Kriti Sharma
AGM - Business
Development



Atul Mishra
AGM - Operations
& Execution



Abdul Rashid
Lead - Finance and
Accounts

Our Core Team



Rahul Dev Sana

Zonal Head
Business Development



Avinash Mahato

Product Manager



Akshit Jain

Senior Manager
Content Deployment



Anwar Warsi

HR Manager



Malay Joshi

Senior Design Engineer



Rohit Kathuria

Senior Manager
B2G & Strategic Partnerships



Shivaang Sangal

Senior Manager
Partnerships & B2C Sales



Akanksha Chaturvedi

BDM - School Partnerships

Testimonials



Bal Bharati Public School, Rohini has collaborated with STEMROBO Technologies 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. Geeta Gangwani, Principal
Bal Bharti Public School, Rohini



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.

Rajeev Shrivastava, Coordinator
Sarasvati Vidya Mandir, Rambagh, U.P.



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.

Mr. Danish, Coordinator
Ryan International School, Gujarat



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.

Mrs. Rooma Pathak, Principal
M.M. Public School, Delhi



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.

Richa Verma, Headmistress
KIIT World School, Delhi



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.

Kaustubh Omar, Convener
ISSTF & Vibha Brahamavart

Testimonials



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

**Swami Vidyamritananda (Principal),
Ramakrishna Mission Vidyalaya, Tripura**



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

**Minakshi Kushwaha (Principal),
Birla Vidya Niketan, Delhi**



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

**Jyoti Arora (Principal)
Mount Abu Public 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.

**Swarnima Luthra (Principal)
ASN Sr. Sec. School, Delhi**



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

**Arun Gupta (Principal)
Doaba Public School, Hoshiarpur**



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.

Kunal Sharma (Student)

Our Mentors



Dr. Ajay Chaudhary

**FOUNDER
HCL**



Dr. Omkar Rai

**Director General
STPI**



Dr. Rajneesh Agrawal

**Director
STPI Noida**



Father Carwalo

**Principal,
Father Agnel School**



Aakash Khandelwal

**Pro Vice Chairman
DPS Amritsar**



Pradeep Gupta

**Founder
India Angel Group & TIE**

Our Board and Advisory Members



Manusmriti Mishra

Board Member, USA



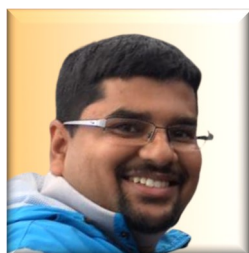
Chinmaya Tripathi

**IT Director
MC GRAW HILLS, USA**



Preeti Mishra

Board Member, USA



KAPIL KAVISHWAR

Board Member, USA



Digvijay Choudhary

**Joint Commissioner
Income Tax**



Dr. Santosh Vishwakarma

**Professor
IIT Indore**

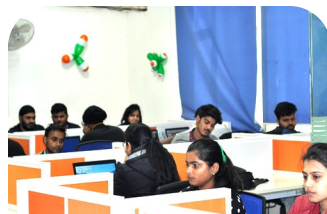
Our Team



Annual Success Meet - 2022



Republic Day Celebration



Corporate Office



Diwali Celebration



Independence Day Celebration

Recognition and Media Coverage

हिन्दुस्तान
आज के बदलते समय के साथ

अमरउजाला
जोश! सच का!

दैनिक जागरण

CNBC
आवाज़

दैनिक सवेरा
आज के बदलते समय के साथ

YOUR STORY | INSPIRE
INNOVATE
IGNITE

वर्ल्ड
QUANTUM

घरफेद

SAMBAD
ସମ୍ବାଦ

ABP
आनन्दवाजपेयी प्रतिष्ठान

CeBIT

NASSCOM
FOUNDATION

एसटीपीआई
STPI

IESA
INDIA ELECTRONICS & SEMICONDUCTOR ASSOCIATION
Taking India to ESDM Leadership

siliconindia

Ministry of Electronics and
Information Technology
Government of India

MAKE IN INDIA

Electropreneur
PARK

INDIA
TODAY

YAHOO!
FINANCE

THE PIE
Professionals in International Education

THE HINDU

FINANCIAL EXPRESS
Read to Lead

QUARTZ INDIA

Regional Offices



Bengaluru



Kolkata



Surat



Madurai



Gwalior



Navi Mumbai



Beed



Raipur



Chittoor

Other group of companies



World's First Online Coding & Experiential Learning Platform



Training & Skill development courses for higher education.



Design and Product development Company focussed on VLSI Design & Embedded Systems

Corporate Office

STEMROBO Technologies Pvt. Ltd.

CORPORATE OFFICE :

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