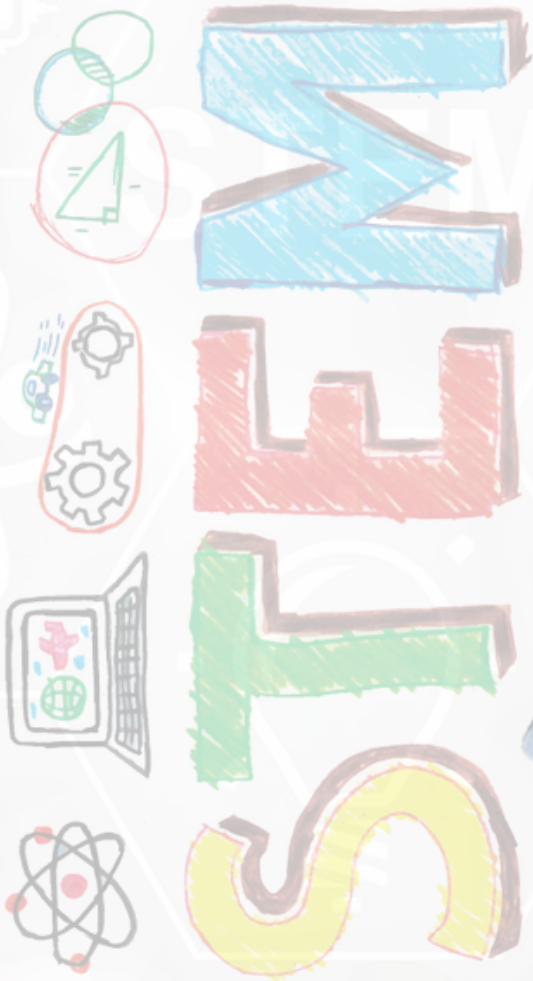Propeller Technologies
Research & Development Pvt Ltd.

PropeL.study
Your STEM Education Partner

PROPELLER
WORKSHOP

ABOUT US

Propeller Technologies
Research & Development Pvt Ltd.

Together we create makers of the world

New Propeller Technologies is missioned to intersperse a myriad of makers across the world by imparting real world connectivity in Tech education and providing the best STEM education. imaginable along with STEM kits and several other learning resources. We are one of the top 10 STEM education institutions in India and Tamilnadu's leading ATAL and STEM lab providers.

New Propeller Technologies services and add-ons in the field of STEM education has been remarkable and life-changing to many learners, leaving no stones unturned. We have defined STEM education under various ruse while consciously tailoring every turn to meet the needs and expectations of its beneficiaries whether be it learners, managements or parents/guardians.

Your STEM Education Partner

Learn STEM education virtually and effectively through conceptualized learning endorsed by Esteemed Institutions. Propel is your one-stop STEM Education Partner to discover the Maker in you and become a Technopreneur with no age limits, joining hands with us to become Makers of the world.

Executive Summary

Propeller Technologies Workshop is an educational program designed for kids and teens interested in STEM education. The Workshop will feature fun learning and activities on a range of topics such as **robotics, AI, IoT, drone technology, aeromodelling, app development, and more.** Attendees will have the opportunity to learn from experts in these fields and gain hands-on experience with the latest technologies. Overall, the Propeller Technologies Workshop promises to be an exciting and educational experience for anyone interested in STEM education.

OUR PROGRAMS

AEROMODELLING

An aeromodelling Workshop is a hands-on training program that teaches participants how to design, build, and fly model aircraft. The Workshop helps the students to learn the technology behind making of air- crafts and introduce them to the wonderful world of aviation. Aeromodelling also enhances their brain-activity and logical reasoning thereby promoting practical hands-on learning.
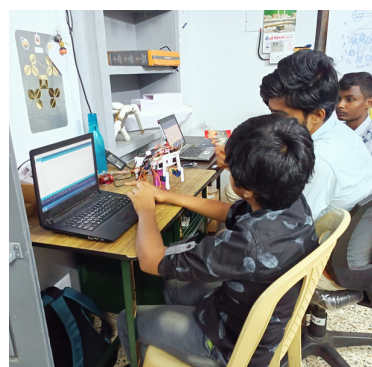

WATCH VIDEO

Discover an immersive program that includes

- Hands-on learning
- Acquire basic aviation knowledge
- 5 Craft Models
- Receive expert training from industry professionals
- Witness awe-inspiring aircraft airshows
- Earn a prestigious STEM accredited certificate

ROBOTICS

Expose students to the history and current developments in the field of robotics, in this Workshop students will understand the basic procedures for working with Sensors, Actuators, Mobile Robotics Platform & Other Components, So that you can explore further on your own. Learn how to design, build, and program your own robots. Our experienced instructors will guide you through the entire process, from selecting the right materials and components to mastering coding fundamentals.

WATCH VIDEO

Immerse yourself in an exciting robotics workshop offering

- Hands-on experience
- Adaptive learning techniques
- Opportunity to build real-time robots
- Gain knowledge in embedded C programming, access comprehensive manuals on robotics and programming,
- Earn a coveted STEM accredited certificate

DRONE TECHNOLOGY

A drone workshop for kids is an engaging and educational program designed to introduce children to the exciting world of unmanned aerial vehicles (UAVs) and foster their interest in science, technology, engineering, and mathematics (STEM) fields. Through hands-on activities and interactive sessions, kids can learn about the different types of drones, their components, and the basic principles behind their operation.
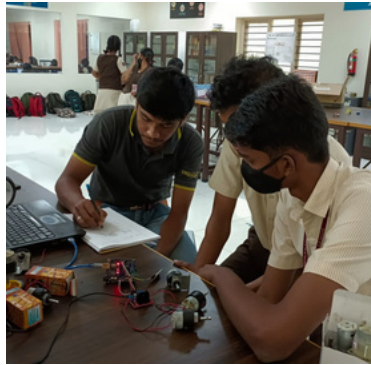

WATCH VIDEO

Embark on an enlightening drone workshop where you'll acquire

- In-depth knowledge of drone technology
- Engage in hands-on drone assembly
- Develop essential drone piloting skills
- Learn responsible and ethical drone usage
- Explore innovative applications of drones
- Dive into Python programming
- Earn a prestigious STEM accredited certificate

INTERNET OF THINGS

The Internet of Things (IoT) is aimed at enabling the interconnection and integration of the physical world and the cyber space. It represents the trend of future networking, and leads the third wave of the IT industry revolution.

Learn about essential IoT concepts, such as sensors, data acquisition, wireless communication. You'll also have the opportunity to explore real-world IoT applications, such as home automation, environmental monitoring, and smart agriculture.

WATCH VIDEO

Immerse yourself in a dynamic IoT workshop that offers

- Hands-on learning
- Adaptive teaching methods
- The creation of real-time projects
- Comprehensive knowledge in electronic hardware, wireless data transmission
- STEM accredited certificate

3D PRINTING

Provides an immersive and hands-on learning experience where children can explore the world of 3D printing, learn how to design and create their own objects using 3D modeling software, and bring their creations to life with a 3D printer, fostering creativity, critical thinking, and technological literacy in a fun and educational setting.
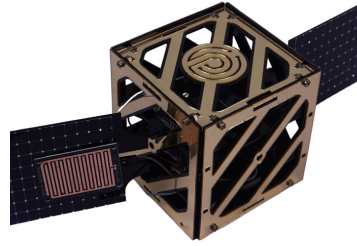

WATCH VIDEO

Embark on an interactive workshop that fosters
- Hands-on learning and utilizes adaptive teaching techniques
- Enabling you to create real-time projects
- Gain comprehensive knowledge in 3D printing
- Explore the realms of design and ideation,
- Earn a prestigious STEM accredited certificate

SATELLITE TECHNOLOGY

learn about the basic components of a CubeSatellite, such as the power system, communication system, and propulsion system. They may also learn about the different types of sensors and instruments that can be used on a CubeSatellite and how to integrate them into the satellite. In addition to learning about the technical aspects of CubeSatellite construction, participants in these Workshop may also learn about the regulatory and legal requirements for launching a CubeSatellite.

WATCH VIDEO

Immerse yourself in an engaging workshop that introduces

- Introduction to CubeSatellites and their history

- Design and development of CubeSatellites

- Building and assembling a CubeSatellite,

- Mission operations, including telemetry, tracking, and command operations

- Earn a prestigious STEM accredited certificate

ARTIFICIAL INTELLIGENCE

 Artificial Intelligence for kids in an interactive and playful manner by engaging them in projects such as making a face detector, recognizing, building Machine Learning Models, designing simple animations. This Workshopdesigned to provide an initial exposure on Artificial Intelligence for kids in an interactive and playful manner by engaging them in projects such as identifying celebrities in an image, making a face detector, recognizing handwritten and printed text, building Machine Learning Models, designing simple animations etc in simplified way.

WATCH VIDEO

Immerse yourself in an illuminating workshop that provides

- An overview of Artificial Intelligence
- Equipping you with a strong knowledge of block coding to harness the power of AI.
- Explore the creation of real-time applications, delve into user interface design Principles
- Gain practical insights into developing AI-powered software.
- Earn a prestigious STEM accredited certificate

www.propellertechnologies.in
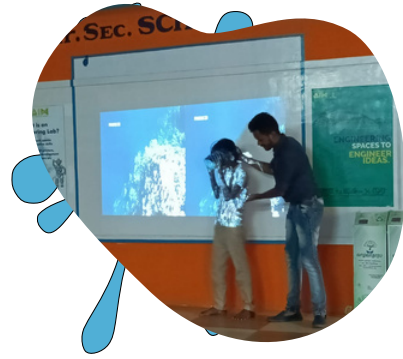
TERMS AND CONDITIONS

- **Each workshop is designed for 40 students.**

- **The school must confirm Workshop dates at least 10 days in advance.**

- **Course completion certificates will be provided only to students who actively participate in the workshop.**

- **Additional costs may be charged if the workshop is conducted for longer than three days.**

- **The school is responsible for arranging necessary facilities, such as microphones, speakers, projectors, laptops/PCs, and seating arrangements.**

- **Accommodation and food for the resource person should be provided by the school management.**

Payment Info

NO	PACKAGES	DAYS	PRICE	GST	TOTAL
1	Aeromodelling	3	₹ 75,000	18%	₹ 88,500
2	Robotics	3	₹ 35,000	18%	₹ 41,300
3	Internet of things	3	₹ 35,000	18%	₹ 41,300
4	3D Printing	3	₹ 33,000	18%	₹ 38,940
5	Satellite Technology	3	₹ 35,000	18%	₹ 41,300
6	Artificial Intelligence	3	₹ 35,000	18%	₹ 41,300
7	Drone Technology	3	₹ 35,000	18%	₹ 41,300

Account Details	
Name	New Propeller Technologies Research and Development Private limited
Account Number	613205039308
IFSC CODE	ICIC0006132
Bank Name	ICICI Bank
Branch Name	TRICHY
Account Type	Current

Contact Info :

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