RAAK™ SAPPHIRE

YOUR EDTECH PARTNER TODAY TOMORROW & BEYOND

Associated with

CMR GANDHI PUBLIC SCHOOL

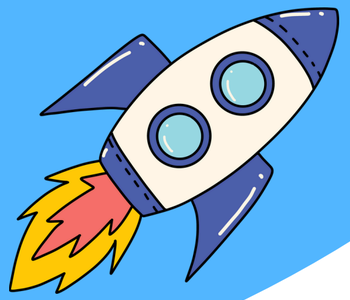
विद्यां ददाति विनयं

AIoT INNOVATORS CHALLENGE

TRANSFORMING IDEAS INTO REALITY

Empowering Young Minds to Change the World !!!

ABOUT



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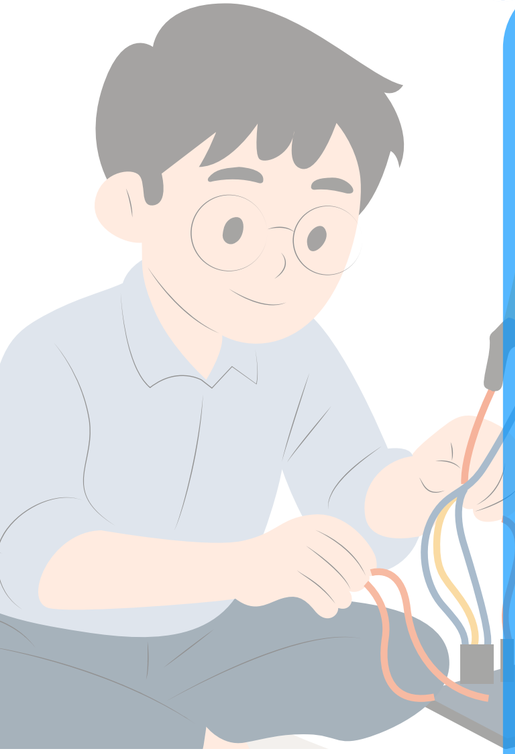

Raak Sapphire

Raak Sapphire Pvt Ltd. is a pioneering Ed-Tech company specializing in personalized K-12 STEAM programs. Our hands-on methodology transforms learning into an enjoyable, meaningful, and enduring experience, aimed at endowing students with essential 21st-century skills. Our curriculum, meticulously aligned with NEP 2020, forms the bedrock for our field-tested success at centers, classrooms, and community spaces. With a devoted cadre of highly trained STEAM instructors, Raak Sapphire ardently commits to cultivating students and nurturing a positive learning milieu. Join us on the journey of educational excellence!

AIoT Innovators Challenge

The AIoT Innovators Challenge 2025 is an exciting opportunity for students to showcase their innovative projects in Robotics, AI, IoT, and STEAM. This challenge aims to empower young minds to think creatively, develop problem-solving skills, and apply technological concepts to real-world problems. With a focus on hands-on learning and innovation, this event is perfect for students looking to make a mark in the world of technology.The challenge is open to students from 3rd to 9th grade, divided into junior and senior levels. Participants will work in teams of two to develop projects that apply technological concepts to solve real-world problems.

CHOOSE YOUR THEME, BUILD YOUR DREAM

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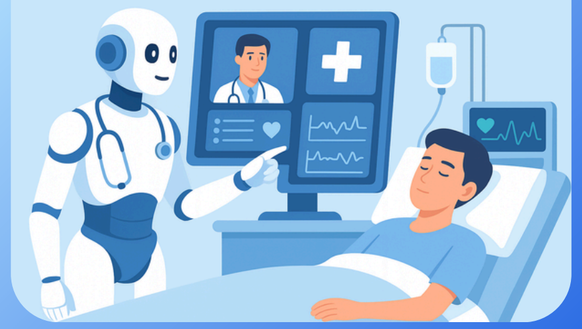
01 SMART WASTE MANAGEMENT FOR A CLEAN CITY

Generate a solution for cities facing growing garbage and food waste issues to ensure efficient waste handling and a cleaner environment.

02 SMART MEDICAL ASSISTANCE

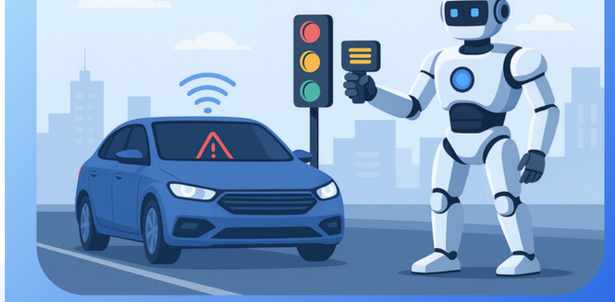


Generate a solution for improving early diagnosis and patient monitoring to enhance healthcare and well-being.

03 SMART AGRICULTURE ADVISOR

Generate a solution for farmers lacking timely soil and weather insights to improve crop growth and productivity.

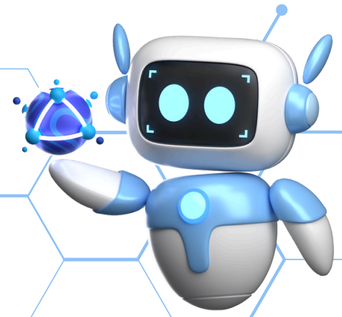
04 ROAD SAFETY AND TRAFFIC MANAGEMENT



Generate a solution for increasing traffic congestion and road accidents to ensure safer and smoother travel.

05 RENEWABLE ENERGY OPTIMIZATION

Generate a solution for irregular solar and wind power generation to maximize renewable energy efficiency.



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TIME LINE

START

LAUNCH

October 12

REGISTRATION ENDS

November 16

WEBINAR

November 29

EVENT

DECEMBER 06

WINNERS

A WEBINAR WILL TAKE PLACE MIDWAY THROUGH THE CONTEST.

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SAPPHIRE
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AWARD POOL WORTH 30000

1st

₹ 10,000

(RS 5000 CASH & RS 5000 GIFT HAMPER) PLUS CERTIFICATE

2nd

₹ 5,000

(RS 2500 CASH & RS 2500 GIFT HAMPER) PLUS CERTIFICATE

A 3-MONTH INTERNSHIP WITH FREE ENTREPRENEUR MENTORING FROM EXPERTS AND INDUSTRY EXPOSURE FOR SELECTED STUDENTS FROM EACH SCHOOL !

RULES & GUIDELINES

Team Formation

Each school can nominate 2 teams —

Junior Level (Grades 3–5)

Senior Level (Grades 6–9)

Each team should have 2 students.

Mentorship

Each school team will be accompanied by one mentor who will guide students during preparation and presentation.

Project Focus

Projects should focus on the given event themes and use Robotics, IoT, AI, ML, and STEAM tools to create real-world problem-solving solutions.

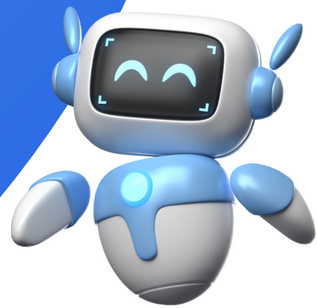
Presentation

Each team must present a working model or prototype with a 3–5 minute explanation describing:

- The problem identified
- The solution and how it works
- Its real-world impact

Original Work

All projects must be original and created by the students themselves — not copied or pre-built.



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Discipline & Conduct

Maintain discipline and respect throughout the event.

No mischief or misconduct will be tolerated.

Students should bring their own lunch.

Transportation

Participants must arrange their own travel to and from the venue. Schools are responsible for ensuring timely arrival.

Evaluation Criteria

Judging will be based on:

- Creativity & Innovation
- Relevance to Theme
- Technical Implementation
- Presentation & Communication

Safety & Ethics

All projects must be:

Safe and school-appropriate

Environmentally and ethically responsible

Judging & Decision

The judges' decisions will be final and binding for all participants.

PARTICIPATION

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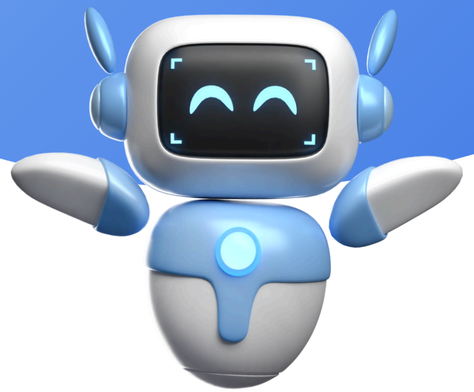
SCAN ME

1. Register using the link provided
2. Fill out the Google Form completely.
3. Submit the form by paying the entry fee.
4. Enjoy the benefits and showcase your innovation!



ESTEEMETED PARTNERS

CMR GANDHI PUBLIC SCHOOL

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YMRD Since-2018

CENTRE FOR e-GOVERNANCE
e-Enabling Government

inunity | innovation for community

STEAM IT Foundation

VERIFIED BY

GeM Government e Marketplace

CERTIFIED QUALITY MANAGEMENT SYSTEM ISO 9001:2015

MSME MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति
सत्यमेव जयते
Ministry of MSME, Govt. of India

G20 भारत 2023 INDIA

OUR ACCOCIATED SCHOOLS

smrti academy Discovering Yourself

Edify WORLD SCHOOL THINKBEYOND

THE OXFORD SCHOOL

GIVING THE GIFT OF LIFE TIME AN EDUCATION

NES KNOWLEDGE RULES THE WORLD

Deccan International School

St. Mary's High School

Citizens' Educational Society

॥ श्रद्धाहि परमा गतिः ॥

FAITH SUCCESS

KNOWLEDGE IS POWER

SARVODAYA EDUCATIONAL TRUST (R) BANGALORE

VIDYAN E-TECHNO SCHOOL VETS

Inspiring Minds Aspiring Generation

MLENS Education gives wings to fly

NEW MOTHER TERESA PRIMARY & HIGH SCHOOL HOSAPALYA, BANGALORE-68

GURUKUL PUBLIC SCHOOL (R)

Faith and Knowledge ST. JOHN'S SCHOOL

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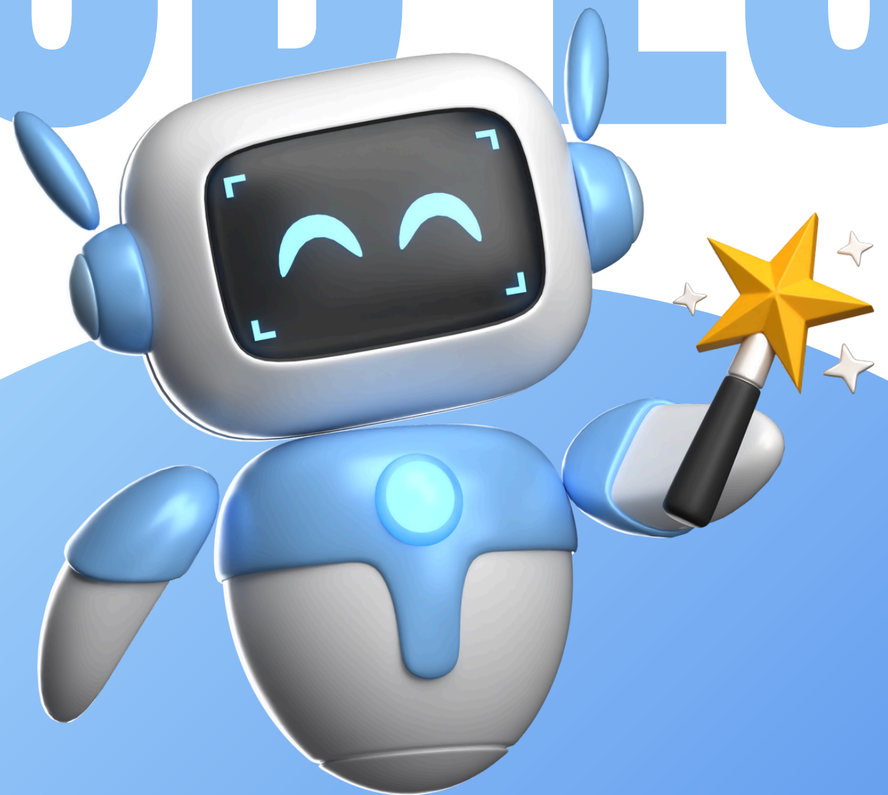
GOOD LUCK