

GYRA NEWSLETTER



FEBRUARY 2024 EDITION

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EDITORIAL

The Trigger

What can lead you to a research question? The answer is ANYTHING. Anything that triggers your scientific curiosity can lead you to valid research. Consider the story reported by the Sunday Times of India on January 28, 2024. It says the year 2023 saw the highest number of murder-suicides among Indian Americans. Why? According to the report, Indian Americans can't cope with failure. Is it true? Are we Indians scared of failing? Do we stumble at breakdowns? These questions should trigger our curiosity. If Indians fear failing, what could be the reasons? Our families? Parents? Teachers? Education system? Culture? Why don't we get across failure?

GYRA scholars must wonder, what if we take it as our research? What if all GYRA units across India conduct survey research among the students at their schools? Do we fear failing? If yes, why? Research will surely lead us to some possible solutions, too. Let ANYTHING trigger your curiosity to research. All the best!

Team GYRA



“No research without action, no action without research”
- Kurt Lewin

NEW GYRA SCHOOLS

1. Vidyadhiraja High School - Mumbai
2. Model school - Palakkad
3. Don Bosco Speech and Hearing HSS -Kannur
4. Odappallam Government School-Wayanad



VIDYADHIRAJA
HIGH SCHOOL
&
JUNIOR COLLEGE



GYRA VIRTUAL SYMPOSIUM

TOPIC
X-RAY VIEW OF IMMUNITY

DATE : FEBRUARY 25, 2024

HOST : VIDYADHIRAJA HIGH SCHOOL & JUNIOR COLLEGE, MUMBAI

TIME : 11AM - 1PM IST

SPEAKER

DR. IRIMPAN MATHEWS
LEAD SCIENTIST
STANFORD UNIVERSITY, USA



SCHOOL FOCUS

Today, we shine a spotlight on Assisi Vidyaniketan Public School, nestled in the serene outskirts of Kochi, Kerala. From its humble beginnings to its current prestigious status, the school has been a beacon of excellence, providing top-notch facilities and a nurturing environment for its students.

A Holistic Approach to Education: At Assisi Vidyaniketan, the focus extends far beyond academic achievements. The school is committed to fostering well-rounded individuals through active engagement in arts, sports, social, and cultural events, enriching the lives of its students in every aspect.

Partnership with GYRA: Pioneering in educational innovation, Assisi Vidyaniketan was among the first to join the Global Youth Research Academy (GYRA). With five GYRA units dedicated to diverse domains of research, the school empowers students to explore and understand pressing issues such as environmental impact, social dynamics, cultural heritage, and technological advancements.

Exploring Crucial Issues: Recent studies conducted by the students have delved into significant societal concerns. From examining the impact of wildfires on children's well-being to raising awareness about lifestyle diseases associated with junk food consumption, our young researchers are addressing pertinent issues head-on.

Breaking Taboos: In a remarkable endeavor, the students have embarked on a study to promote menstrual awareness. Through surveys and discussions, they aim to break the stigma surrounding menstruation and foster a supportive environment for all students.

International Research Conference: Exciting news awaits as Assisi Vidyanikethan prepares to host the International Research Conference for Children 2024 in collaboration with GYRA and Stem4girls. Scheduled for July 12-14, this conference promises to be a platform for young minds to showcase their research prowess on a global stage.

As we celebrate the achievements and initiatives of Assisi Vidyanikethan Public School, we commend the dedication of the students, teachers, and mentors who continue to inspire and drive positive change among students and beyond.



GYRA Scholars of Assisi Vidyaniketan Public School Engaged in Research Activities

UPCOMING EVENTS

INTERNATIONAL RESEARCH CONFERENCE FOR CHILDREN 2024

In collaboration with the Global Young Researchers' Academy (GYRA), STEM4Girls, and Assisi Vidyaniketan Public School in Kakkanad, Kochi, an International Research Conference for Children-2024 (IRCC-2024) has been organized at Assisi Vidyaniketan Public School from 12th to 14th July 2024 in Ernakulam, Kerala, India.

The conference serves as an international platform, bringing together student researchers at the school level, teachers, parents, administrators, and stakeholders worldwide.

To Know More: <https://ircc.world>

WELCOME ONBOARD, MR. SHINE



Let's welcome Mr. Shine, a chemistry teacher at Christ Nagar school Trivandrum. He is a record holder for writing maximum number of chemical formulas in a coffee mug. Shine will add a new dimension to GYRA social media activities. Thank you and welcome to GYRA family.

CURIOUS FACTS

Aubrite Meteor

A meteor that exploded over Germany on Jan. 21 was confirmed to be a rare aubrite, a type of asteroid as old as the solar system. Fragments of the asteroid were recovered five days later and have been confirmed to be a rare space rock type that could help shed light on Earth's origins.

The parent is asteroid 2024 BX1 which is also constituted of aubrite.

The aubrite meteorites from 2024 BX1 differ from other meteorites because they have a translucent glass crust rather than a thick crust of black glass, and they have a grey granite appearance. This made them initially difficult to differentiate from standard Earth rocks.

But Jenniskens and collaborators at the Museum für Naturkunde in Berlin performed the first examinations on one of these meteorite pieces with an electron beam microprobe, determining they have the typical mineralogy and chemical composition of aubrite type rocks.

Team GYRA