



Based on the bone evidence, scientists estimate that some dinosaurs could have lived for a life span between 75 and 300 years old.



A glimpse of the virtual India International Science Fair 2020

# Champions of innovation

## Budding Innovators Shine Bright At Virtual IISF 2020

ACSF

The young scientists of Amity etched the imprints of their innovative genius at the India International Science Fair (IISF 2020) held virtually on Dec 22-25, 2020.

The core theme was 'Sustainable Sanitation and Waste Management' including many sub themes. The opportunity to participate in the prestigious festival was extended by Dr (Mrs) Amita Chauhan, Chairperson, Amity Group of Schools and RBEF, and facilitated by Amity's Children Science Foundation (ACSF), to kindle scientific temperament in young minds.

A video on the topic 'Herbal Biodegradable Sanitary Pad' under the sub-theme health, hygiene and sanitation, prepared by the students of Class XII, AIS Vas 6 namely Riddhi Nair, Chhavi Sharma and Krishi Bhatt, was selected by the Ministry of Science and Technology to be uploaded on the CSIR portal SWASTI. The video prepared by the students under the guidance of their mentor Poonam Bhat was one of the three videos selected from school level nationally to be displayed on the portal.



Chhavi Sharma



Krishi Bhatt



Riddhi Nair

Besides this, a total of six projects- two from AIS Vas 6 and four from AIS MV bagged top laurels at the prestigious annual science fest in different categories. Vaishnavi Garg (IX) from AIS MV and Kartavya Parashar (VI) from AIS Vas 6 won first and third prize respectively in the category 'Innovating ideas for habitat and water resource management'.

In the category 'Promoting innovative ecosystems for affordable renewable and clean energy solutions', Apar Khare (IX) and Anshul Tripathi (VIII) from AIS MV bagged the second and third prize respectively. Mrinalini Vajpayee (VIII) from AIS MV bagged second prize in the category 'Strategic climate action

plan for sustainable future' while, Dhruvi Gupta (IX) and Hitika Mathur (IX) from AIS Vas 6 bagged second prize in the category 'Nature Based Solution and Circular Economy'.

The event was inaugurated by Dr Harshvardhan, Union Minister of Health. It was divided into sub-themes with session talks on Health and hygiene, Waste-Water management, Concept and technologies for waste management, Solutions for implementing circular economy, Diaspora contribution, Improved and equitable sanitation.

The sessions included discussion forums, workshops, panel discussions, presentation of case studies and innovative technologies, big idea submission and so-

cial media awareness. The event was attended by eminent scientists, researchers, consultants of start-ups and industries, NGOs, local body representatives, parliamentarians, and college and school students.

### About IISF

India International Science Festival (IISF), launched in 2015, is one of its kind platform which intends to inspire curiosity and make learning more rewarding. Its aim is to engage students to celebrate the joy of science and show how STEM provides us solutions to improve the lives of common people. It works in collaboration with Ministry of Science and Technology DST and Vijnana Bharati (VIBHA).

# Winter carnival

AIS Noida

Little kids from Class Nursery to KG spent a joyous time during the first ever virtual winter carnival, held on December 23, 2020. The event brought joy and big smiles on their face as they participated in different online games and activities such as puppet show, bingo, spinning the wheel and stacking

the glasses. They feasted on yummy snacks and danced to joyful tunes. The celebrations culminated with the tiny ones wishing Merry Christmas and Happy New Year to their peers. The zeal of the students was unmatched, even though the carnival was virtual and made the event indeed a memorable one. School principal Renu Singh lauded the high spirits of the tiny tots at the winter carnival.



Little ones participate with zeal at the virtual winter carnival

# Christmas talks

AIS Gurugram 46

Children of Class I participated in a virtual 'Christmas talk time' held on December 24, 2020. The tiny ones described how churches and homes are beautifully decorated with christmas trees full of lights, stars, flowers, toys and bells; along with star shaped lanterns hanged on the doors during the festival.

They even shared how to offer prayers to Mother Mary and Jesus Christ, and prepare delicious food items like chocolates, cakes and cookies. During the talk, the tiny ones reiterated the life of Jesus Christ and the good human values to be imbibed from Jesus. The talk concluded with students singing melodious Christmas carols like 'Jingle Bells' and wishing one and all Merry Christmas.



Tiny tots share their Christmas stories during the talk time



Agamya

Atharv

Ishika

Pratyush

Ripunjay

# Young scientists

## Amitians Reach Nationals Of CIF 2020

AIS Vasundhara 6

Five budding scientists from AIS Vas 6 brought home laurels by getting shortlisted for the national round at the prestigious Children Innovation Festival 2.0, held from December 8-17, 2020.

The innovative project ideas- 'Brain O Bin- A smart garbage bin' by Atharv Gupta (VIII C), 'Eco-friendly Bicycle' by

Agamya Jain (VIII B) & Ishika Mittal (VIII D), 'Tilted Tank' by Pratyush Khare (IX C) and 'Support System Kit for Visually Handicapped' by Ripunjay Vashisht (VIII C) were shortlisted. These ideas will be given incubation support, mentorship, and government grants. Further, the innovators will attend a boot camp and a conclave wherein they will showcase their ideas and will be felicitated.

About CIF

Children Innovation Festival is a unique initiative of Gujrat University in collaboration with Atal Innovation Mission, Niti Aayog and Gujrat University Start Up & Entrepreneurship Council (GUSEC) partnered with UNICEF. It aims to identify, nurture and support children with innovative ideas and hone their entrepreneurial skills.

# Class presentation

## Sanskriti, A Show On Culture And Heritage

AIS Vasundhara 1

On December 23, 2020, students of Class IV organised a class presentation 'Sanskriti' based on the rich heritage and culture of the states such as Rajasthan, Tamil Nadu, West Bengal and Maharashtra. The presentation began with a virtual lamp lighting ceremony followed by unveiling of the hidden treasures of India by four sections of the class. Students from Class IV A portrayed a colourful melange of stunning palaces, massive forts, delectable cuisines, diverse cultures and warm people of Rajasthan as 'India's glory'. The students of Class IV B took the audience on a journey from Sangam era to the modern day Tamil Nadu through dance, narration and a virtual tour. They also traversed through the history, geographical locales and the cuisine of the state. Class IV C presented facts about the state of Maharashtra, its famous street food and rich culture, beautifully in the form of a story. Students of Class



Students present the rich culture of Tamil Nadu

IV D visualised West Bengal by presenting facts about the state, Nobel prize winners of West Bengal, famous street food and sang a song written by Gurudev Rabindranath Tagore. The presentations were a visual treat for one and all as the students showcased the same with exuberance.