

IRIS 2020-21

Young Scientists Showcase Their Innovative Prowess



Shivam Mukherjee, AIS PV



Aditya Chugh, AIS PV



Vrinda Anand, AIS Vas 1



Simone Nayyar, AIS Noida

ACSF

Eight projects from 5 branches of Amity Group of Schools in Delhi/NCR were selected amongst top 100 from across the country. These projects were showcased in the nationals of Virtual IRIS National Fair 2020-21 held from January 23-24, 2021. AIS Gurugram 46, AIS Saket and AIS Pushp Vihar showcased two projects each, while AIS Noida and AIS Vasundhara 1 showcased one project each.

The opportunity to display their innovative prowess at the prestigious platform was provided under the visionary guidance of Dr (Mrs) Amita Chauhan, Chairperson, Amity Group of Schools



Daksh Kalra, AIS Gur 46



Suhani Gupta, AIS Gur 46

and RBEF. The event was coordinated by Amity's Children's Science Foundation (ACSF). The projects which made it to the nationals were: Sludge-knight: A sewer cleaning Robot by Shivam Mukherjee (IX), and Cost effective ECGs with vibrating light sources by Aditya Chugh (XII)

from AIS Pushp Vihar. AIS Gurugram presented Natural adhesive and Social distancing smart mask by Daksh Kalra (X) and Suhani Gupta (VI) respectively. From AIS Saket, it were Futureal by Arnab Gupta (XI) & Ananya Gupta (IX), and Veranut- osadhivanaspati relief dur-

ing COVID by Niharika Roy (X) and Yajika Dagar (X). AIS Noida showcased Hilarity against sufferings of AML by Simone Nayyar (X), and finally, AIS Vas 1 showcased ROBOVID 20 - A robotic arm for frontline workers at banks and healthcare facilities, etc., to avoid human touch while at work by Vrinda Anand (XI).

Participants attended live sessions on diverse topics by individuals from national and international organisations. They visited the showcase zone featuring 100 innovative, research-based STEM projects from 19 states and 49 cities, covering 21 subject categories. They also explored scholarship options within India and overseas. [G I](#)



Niharika Roy, AIS Saket



Arnab Gupta, AIS Saket



Ananya Gupta, AIS Saket



Yajika Dagar, AIS Saket



Components of a salad labeled as constituents of a cell

Science from salad

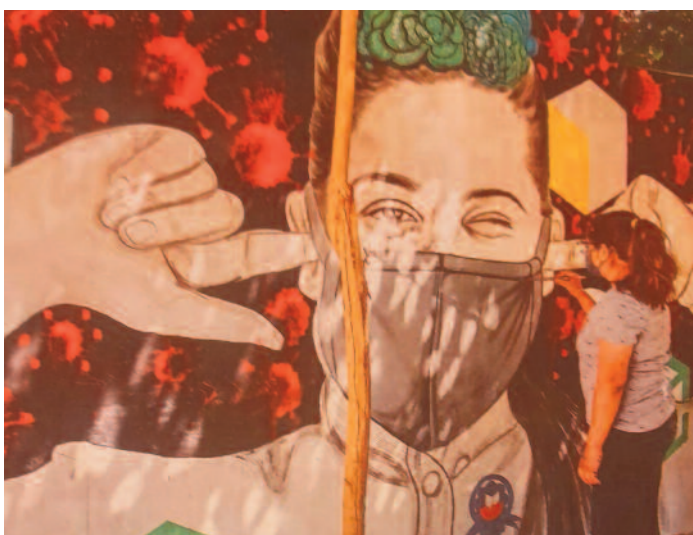
AIS VKC Lucknow

An interesting online science activity was held for Class VIII students on April 8, 2021, wherein they learnt the basics of plant and animal cells through salad. The young minds decorated various types of salads in the form of cell and cell organelles, and la-

belled them accordingly. It was a learning with fun activity as they used carrots, tomatoes, radish, lettuce leaves, etc., to explain various types of cells and their structures such as contractile vacuole, mitochondria, plastids and cell wall.

To sum up, the activity enabled students to learn, while exploring their creative side. [G I](#)

Painting on the wall



The young artist paints her heartfelt message for her city

AIS Gurugram 43

Young artist Nitya Malhotra from Class X deployed her passion for art to put across her message for her city Gurugram as a participant in the Wall Art Painting held on March 23, 2021, by Udaan NGO. She painted a giant wall titled 'We Love Gurugram' along with eminent artists from Delhi/NCR. Based on themes 'Covid heroes' and 'Making city clean', the event was aimed at spreading awareness about pandemic and importance of sanitation and sanitisation. The painting wall



Nitya Malhotra

also featured Amity's logo in recognition of the contribution of Amity Group of Schools towards learning and development and further in facilitating social causes in the city of Gurugram. [G I](#)



Kenken champion Luvya with his medal

Unpuzzling math A Genius And A Kenken

AIS Vasundhara 6

Math wizard Luvya Gupta from Class V won gold medal in the national round of Online Kenken International Championship* 2020 in the Delta category (for Class III-V) held on February 21, 2021. He won the prestigious medal by competing against thousands of children from 15 countries world over and has been felicitated with a gold medal and a certificate.

*Kenken is one of the world's largest Math Puzzle champi-



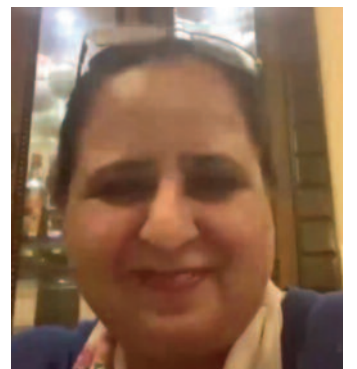
onship for school students designed to enhance and evaluate their numeracy skills, mental math operations skills, memory and concentration in fun way.

Training the teachers

Taming Time And Words

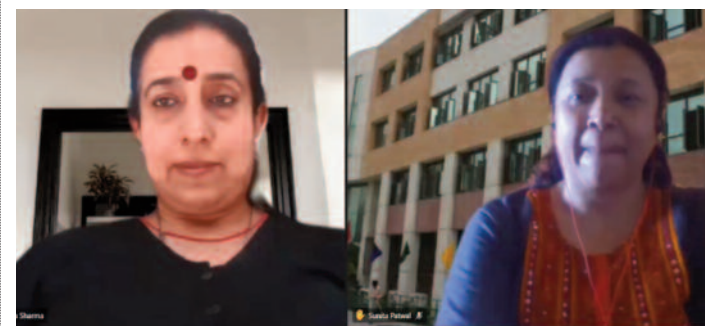
AIS Mayur Vihar

The school organised two online workshops for the teachers of primary wing to enrich teaching methods with soft skills in changed times. The first workshop held on February 23, 2021, titled 'Time management is life management' and was conducted by Meghna Chindalia, PRT. It focused on helping teachers develop efficient methods to prioritise, determine dependencies, overcome procrastination and value precious time as an invaluable investment. Participants were engaged in hands-on online activities to develop time management skills and apply them both in classroom and real life. The second one held on February 26, 2021, was based on the 'Importance of effective communication skills' and was facilitated



A participant listens intently

by Hena Khan, PRT. Herein, the teachers were briefed about the importance of right communication and the best methods of effective communication while conducting classes. The workshop was interwoven with online games based on effective communication. In both the workshops, participants shared ideas and the best practices they deploy in the classrooms. [G I](#)



Participants share ideas and best practices during the workshop