



SAEINDIA

NORTHERN SECTION

Presents

AWIM Regional 2022

Cities: Delhi & NCR (Gurgaon, Faridabad, Noida, Ghaziabad)

Supported by

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About AWIM

A World In Motion® (AWIM) is a teacher administered, volunteer-assisted program that brings science, technology, engineering and mathematics (STEM) education to life for students..

Why AWIM is Unique?

AWIM incorporates the laws of physics, motion, flight and electronics into age-appropriate hands-on activities that reinforce classroom STEM curriculum.

Skimmer Challenge (Grade 5):

Students make paper sailboats that are propelled by fans across the floor. They test the effect of different sail shapes, sizes, and construction methods on the performance of their skimmers. The goal of this challenge is to design a set of skimmers that reliably meet specific performance criteria. Friction, forces, and the effect of surface area are some of the physical phenomena students encounter in this challenge.

Jettoy Challenge (Grade 6):

Students make balloon powered toy cars. Their challenge is to design an appealing toy that performs in a specific way, such as travels far, carries weight, or goes fast. Students experiment with different chassis designs and nozzle sizes to determine their effect on the JetToy's performance. Jet propulsion, friction, and air resistance are the core scientific concepts students explore in this challenge

AWIM Schedule 2022

60
Teams

240
Students

AWIM 2022 : Delhi & NCR

Event	Date
MTTP – 1 at MSTA Gurgaon	Jul'22 (4 th Week)
MTTP – 2 at MSTA Sec-28	Oct'22 (1 st Week)
MTTP – 3 at KIET, Ghaziabad	Oct'22 (2 nd Week)
Regional at ICAT Site-2	17 th Nov'22

3
Zones

60 Teachers



Itinerary

09:00-10:00	Arrival & Registration of teams, Breakfast
10:00-10:30	Lamplight/Welcome/Inauguration
10:30-12:45	Toy Fabrication (Jettoy & Skimmer)
12:45-13:45	Lunch
13:45-16:15	Track Rounds (Jet Toy + Skimmer)
	Presentation Round (Jet Toy + Skimmer)
	Teams Photographs
16:15-16:45	High Tea
16:45-17:30	Closing Ceremony and Award Distribution

AWIM Regionals 2022 awards

S.No.	Winner	Jettoy	Skimmer
1	Overall	Trophy & Medal	Trophy & Medal
2	1st Runner Up	Trophy & Medal	Trophy & Medal
3	2nd Runner Up	Trophy & Medal	Trophy & Medal
4	Maximum Distance	Certificate	Certificate
5	Maximum Time	Certificate	Certificate
6	Turnability	Certificate	Certificate
7	Maximum Speed	Certificate	Certificate
8	Maximum Weight carrying capacity G1	Certificate	Certificate
9	Maximum Weight carrying capacity G2	Certificate	Certificate
10	Accuracy	Certificate	Certificate
11	Sportsmanship	Certificate	Certificate
12	Team work	Certificate	Certificate
13	Cleanliness	Certificate	Certificate
14	Best presentation	Certificate	Certificate
15	Best Aesthetic	Certificate	Certificate
16	Best Vernacular Team	Certificate	Certificate

Organizing Committee

Mr. Alok Jaitley (MSIL) Vice Chairman (SAENIS): Student Competition	Mr. U.D Bhangale (ICAT) Vice Chairman (SAENIS): Eastern Division
Mr. Jitendra Malhotra (MSIL) Convener: AWIM 2022	Mr. Samir Shikalgar (ICAT) Co-Convener: AWIM 2022

Contact Window

Feel free to contact in case of any query, suggestion, feedbacks or information

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