

## AWIM Nashik Olympics 2012

**AWIM - A Design Experience....**  
– A comprehensive science, technology, engineering, and mathematics (STEM) education solution.

**By - Saurabh Chitnavis**

“AWIM Nashik Olympics 2012” was conducted at Nashik Engineering Cluster, Ambad, Nashik on 1<sup>st</sup> December 2012.



**Mr. Shailesh Kulkarni (Convener) & Mr. Mohit Tarwani (Co-convener) - AWIM Nashik Olympics 2012**



**Venue aptly decorated and the ambience created for the Students to feel motivated.**

SAEINDIA initiated JetToy & Skimmer Challenge, sponsored by **Mahindra & Mahindra Ltd.** in Nashik, Mumbai, Chakan, Haridwar, Indore & Zahirabad has been committed to the movement called AWIM which will instigate in the students a thought to learn concepts of Math & Science.

**Wisdom High International School, Nashik Cambridge School and New Era English School** clinch the Winner, First runner-up & Second runner-up positions respectively in the JetToy competition.

Skimmer toy was launched for the first time this year in addition to the current JetToy challenge. **St Francis High School, Boys Town Public School & Horizon Academy** clinch the Winner, First runner-up & Second runner-up positions respectively.





**JetToy Winner – Wisdom High International School**



**Skimmer 1st runner-up – Boys Town Public School**



**JetToy 1st runner-up – Nashik Cambridge School**



**Skimmer 2nd runner-up – Horizon Academy - ICSE**



**JetToy 2nd runner-up – New Era English School**

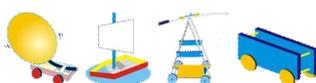


**Skimmer Winner – St Francis High School**

*A World In Motion® makes the challenges of math and science exciting by bringing authentic engineering design experiences into the classroom.*

*Designed by the Society of Automotive Engineers (SAE), A World In Motion® curriculum joins together teachers, students and volunteer practicing engineers and scientists in an exploration of physical science. A World In Motion program is comprised of a series of four curricula referred to as Challenges for students in Grades 5th-9th.*

*A World In Motion® brings math and science principles to life through highly interactive learning experiences that incorporate the laws of physics, motion, flight and electronics.*



**JetToy** - The challenge is to design an appealing toy that performs in a specific way, such as travels far, carries weight, or goes fast. Students experimented 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.



**Engrossed in Design & Preparing their Skimmer**

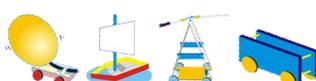
Two best teams from 18 schools participated in the event. 36 teams consisting of 144 students who are presently **studying in standard 6<sup>th</sup> participated** in the JetToy Challenge & 14 school teams participated in the event consisting of 56 students who are presently studying in standard 5<sup>th</sup> **participated** in the Skimmer Challenge with great enthusiasm, passion, and sportsman spirit.

**Engrossed in Design & Preparing their JetToy**

### **Skimmer Challenge -**

Students construct paper sailboats and test the effects of different sail shapes, sizes, and construction methods to meet the Specific performance criteria. Friction, forces, the effect of surface area and design are some of the physical phenomena students encounter in this challenge.

**Mr H D Aher** graced the occasion as the Chief Guest during the Inaugural Function.





*Experimental School, Ms. Kalyani Khodke (Industrialist)*



*“Deep Parjwalan” By Chief Guest Mr H.D Aher & Students marked the inauguration of the event*

Along with the External Jury we also has an eminent panel of the Internal Jury consisting of Mr. Joseph Jackson Panackal (DGM - Human Resources, Mahindra & Mahindra Ltd.) and Mr. Kiran Marathe (VP’s Office, Mahindra & Mahindra Ltd.) had also joined hands to short list the best teams from the Nasik schools to represent Nashik city.

Mr Rajiv Modi graced the occasion as chief guest for the valedictory session.



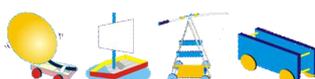
*Words of Wisdom to the students by Mr. Rajiv Modi*



The competition was judged by a panel of eminent personalities from different walks of life. The External Juries were **Dr. P C Kulkarni** (Principal, GESCOE), **Mrs Sujata Babar** (Ex. Executive Director of Abhivyakti and a social activist) **Mr. Sachin Joshi** (Founder - Espalier )



*Jury – At work.... Evaluating teams on the basis of the Concept car & team Presentations.*



At the event, students prepared more than one toy for the track testing and also prepared a chart consisting of their team name, logo & slogan. They also, wrote the specification of their vehicles in a chart. The judges had a tough time to judge the contestants due to numerous ties and neck-to-neck performances of the student teams in the presentation round. The aesthetics round was the most difficult one for the judges since each & every toy was built with innovative ideas and was beautifully crafted.

### Skimmer



**Presentation War - Students of JetToy & Skimmer challenge presenting their Innovative toy & their concepts.**

A strong force of 43 Industry volunteers from **Mahindra & Mahindra Ltd., Nashik** has invested their time & talent to train the students at their schools to be able to compete at the regional Olympics.

We also had a battalion of Students volunteers from Gokhale College of Engineering, Nashik, who were a great support to organizing committee. The student volunteers were asked to perform a difficult task of being Neutral Track Judges, which was performed beautifully.

This year Mahindra has trained, around **2880** students from standard **6<sup>th</sup>** for **JetToy** and **2100** students from standard **5<sup>th</sup>** for **Skimmer** challenge, **42 teachers** including English & Marathi Medium school have also been trained in this academic year 2012-13.

Team from **Wisdom High International School & Nashik Cambridge School** who hold the First & Second position in **JetToy** challenge and Team from **St. Francis School** who hold First position in **Skimmer** from Nashik Olympics will get a chance to participate in the **"AWIM National Olympics 2012"** which will be held on **22<sup>nd</sup> December 2012** at **The Daly College, Indore.**

### JetToy



### JetToy



### Skimmer



## Winning Teams

Skimmer : Winners of AWIM Nashik Olympics 2012

Sr No	School Name	Position	Student name
1	St Francis High School	Winner	1. Arya U Neve 2. Vedant M Kulkarni 3. Vishwesh N Patil 4. Snehal P Chaware
2	Boys Town Public School	1st Runner Up	1. Atharva Kamat 2. Devavrata Samvatsare 3. Sakshi Kamat 4. Akshada Patil
3	Horizon Academy - ICSE	2nd Runner Up	1. Ajinkya Bodke 2. Purva Jadhav 3. Omkar Khapre 4. Vrushali Jadhav

JetToy : Winners of AWIM Nashik Olympics 2012

Sr No	School Name	Position	Student Name
1	Wisdom High International School	Winner	1. Gayatri Gaidhani 2. Shruti Ahire 3. Ishan Birar 4. Yash Chandak
2	Nashik Cambridge School	1st Runner Up	1. Jasmine A Shaikh 2. Anuja H Prabhune 3. Aishwarya Chandwadkar 4. Ayusha Jadhav
3	New Era English School	2nd Runner Up	1. Atharva K Chaudhari 2. Yashraj D Bharambe 3. Abole U Ahire 4. Tushar M Patil





*JetToy challenge winners Wisdom High International School*



*Skimmer challenge winners St Francis High School*



*Skimmer : Individual performance parameter winners*

1	St Francis High School	Winner: Distance	1. Arya U Neve 2. Vedant M Kulkarni 3. Vishwesh N Patil 4. Snehal P Chaware
2	St Francis High School	Winner: Accuracy	1. Arya U Neve 2. Vedant M Kulkarni 3. Vishwesh N Patil 4. Snehal P Chaware
3	Horizon Academy - ICSE	Winner: Longest Time	1. Ajinkya Bodke 2. Purva Jadhav 3. Omkar Khapre 4. Vrushali Jadhav
4	Horizon Academy - SSC	Winner: Speed	1. Kalpesh B Munde 2. Prabhu D Khairnar 3. Siddha P Borkar 4. Jaanvi H Patil
5	New ERA School	Best Presentation	1. Ketaki V Mali 2. Mosmi M Raut 3. Rohit K Raut 4. Abhijit S Bairagi
6	Global Vision International School	Best Teamwork	1. Damini Manerikar 2. Rupam Yadav 3. Vaishnavi Rao 4. Varsha Singh
7	M.S.Kothari Academy	Best Cleanliness	1. Sakshi Palekar 2. Shruti Kakade 3. Vedant Gaidhani 4. Yash Ravankar
8	Nashik Cambridge School	Best Discipline	1. Ankit Samal 2. Ankit K Dhumale 3. Shreya Sengupta 4. Janhavi G Sonawane
9	Adarsha Madhyamik Vidyalay	Best Vernacular	1. Prasanna Surana 2. Pranali Panchavai 3. Harsha Bharambbhe 4. Sahil Khule



*JetToy : Individual performance parameter winners.*

1	Wisdom High International School	Winner: Distance	1. Ashita Rastogi 2. Siddhi Kansara 3. Souvik Shaw 4. Shreyash Dahale
	Silver Oak Universal School		1. Sanskruti Sughandi 2. Ayush Walekar 3. Apurva Shirsagar 4. Mohit
	Madhyamik Vidyalaya		1. Jay A Patil 2. Nishant A Randhir 3. Pallavi S Chikte 4. Deepali M Wani
	Sau Indumati Bhalchandra Joshi School		1. Harshal D Pathak 2. Dipak B Tajanpure 3. Tejas A Mali 4. Sakshi A Aware
2	New Era School	Winner: Accuracy	1. Sahil S Deo 2. Rhythm S Deo 3. Shreevardhan R Malpure 4. Sejal L Jadhav
3	Nashik Cambridge School	Winner: Longest Time	1. Pradnya. U. Kale 2. Isha. R. Dev 3. Hemanti. H. Sonawane 4. Divya. J. More
4	Horizon Academy - ICSE	Winner: Speed	1. Aditya Gite 2. Abhay Patil 3. Rishab Daga 4. Aayush Meshram
5	Ryan International School	Winner: Weight Carrying	1. Bhavya Prakash 2. Prem Tungar 3. Apurva Gaidhani 4. Akshada Malpure
6	New Era School	Best Presentation	1. Sahil S Deo 2. Rhythm S Deo 3. Shreevardhan R Malpure 4. Sejal L Jadhav



A WORLD IN MOTION<sup>®</sup>

7	Boys Town Public School	Best Teamwork	<ol style="list-style-type: none"> <li>1. Suraj Ranade</li> <li>2. Anurag Chandarkar</li> <li>3. Lokesh Gaikwad</li> <li>4. Kshitij Fale</li> </ol>
8	Ryan International School	Best Cleanliness	<ol style="list-style-type: none"> <li>1. Madhuri R Ugale</li> <li>2. Shruti R Nisal</li> <li>3. Rahul D Dalkari</li> <li>4. Sanskar P Jaiswal</li> </ol>
9	Wisdom High International School	Best Discipline	<ol style="list-style-type: none"> <li>1. Aisha Deshpande</li> <li>2. Pratham Atal</li> <li>3. Animeh Vijayvergiya</li> <li>4. Atharva Bhange</li> </ol>
10	Shri Chattrapati Shivaji Vidyalaya	Best Vernacular	<ol style="list-style-type: none"> <li>1. Sandil Nagad</li> <li>2. Ninad Kulkarni</li> <li>3. Kaushal Vadnere</li> <li>4. Chinmayi Phalak</li> </ol>
11	Ashoka Universal School	Best Team Spirit	<ol style="list-style-type: none"> <li>1. Parth Shinde</li> <li>2. Nakul Pawar</li> <li>3. Gayatri R.</li> <li>4. Shreya P.</li> </ol>





*Mr. Mohit Tarwani & Ms. Priyanka Singh, hosts officiating the proceeding*



**TEAM AWIM – Student & Mahindra Volunteers who are motivated, inspired & committed towards society for a cause.**

