

A  WORLD IN  MOTION®

2019

**EVENT REPORT**

**Hosted By**



INDIA'S FIRST UNIVERSITY FOR STARTUP

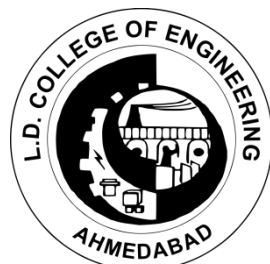
Dr. D.J. Shah

(Academic Director – Swarnnim Startup and Innovation University)

SUBMITTED TO

(SAE INDIA WESTERN SECTION PUNE)

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## **ABOUT SAE**

SAEINDIA has started operating in India from 2002 as an affiliate of SAE International. SAE member engineers and scientists develop and distribute technical information on all forms of self-propelled vehicles including automobiles, trucks and buses, off-highway equipment, aircraft, aerospace vehicles, marine, rails and transit systems.

Headquartered in Chennai, Tamilnadu.

Has 5 sections,

Eastern Section in West-Bengal.

Western Section in Pune.

Northern Section in Delhi.

Southern Section in Chennai & Bangalore.

SAEINDIA is one of the biggest affiliate of SAE International.

SAEINDIA Gujarat Division Western Section office is allocated at L.D.college of Engineering, Ahmedabad. As on date SAEINDIA has 60,000+ members including student and professional members.

## **ABOUT SWARNIM STARTUP AND INNOVATION UNIVERSITY**

Swarnnim is a thriving pre-eminent university which will work as a hub and spoke model where disciplines like Engineering, Architecture, Design, Science, Management, Paramedical and other streams will get its value enhancement through Innovation, startup and entrepreneurship. At Swarnnim, Entrepreneurship is a value that pulses through the educational, research and Innovation. It is a leading university that maintains a particular commitment to exceptional educational instruction also recognized for its commitment to student excellence, particularly through an emphasis on rigorous learning experiences. These experiences contribute to the university's exceptional retention, graduation and career-placement rates. We take a practical approach to teaching and learning so that our graduates are ready to make a real impact. Students can access our extensive range of career services to get advice and prepare for the workplace.

The department has qualified and experienced faculty member in addition to good infrastructure and state of art laboratories with sophisticated equipment. The department is sharing infrastructure and resources with Mechanical Engineering department. The various training/workshops are being organized for educational personnel and student on regular basis. Extracurricular activities are also taken up by the students.

Students from the various semesters are participating in national and international competitions such as SAE BAJA, SAE SUPRA, BAJA STUDENT INDIA, FORMULA STUDENT INDIA and won prizes. The Students are taking the benefits from Siemens Centre of Excellence to enhance and update their knowledge and skill. Students also undergo project work and training at various industries and service center during their studies.

## ABOUT AWIM

“A World In Motion” is a contest with full of fun & challenges for Secondary School Students. **AWIM** curriculum joins together teachers, students, volunteering engineers and scientists in an exploration of physical science, mathematics, arts and technology by taking on challenges in engineering design context. Designed by the SAE.

**AWIM** started in the **U.S first** and **India is the second country** where this program is being implemented. AWIM is part of SAEINDIA activities in life long engagement in education.

In India, AWIM first started in year **2008** with around **60** students at **National Olympics**. Since then, the contest is organized annually at **city level** and at **National Level In Pune Olympics 2015, 240** students participated from **21** different schools and in National Olympics, more than **48** school teams participated from **21** different cities, displaying their knowledge and skills.

## THE EVENT AWIM

A world in motion training was held at L.D.COLLEGE OF ENGINEERING ON 24th September 2019. AWIM joint Convener MR. KARTIKEYA PATEL gave training to the volunteers. Twenty Five volunteers were present in training session.



Approaches to the fifteen primary schools were made out of which twelve schools participated actively in AWIM competition. Student volunteers conducted school level competition on respective dates given by the schools.

Sr. No.	SCHOOL NAME
1	DIWAN BALLUBHAI GUJ
2	DIWAN BALLUBHAI ENG
3	J L SCHOOL
4	NANDEJ PRIMARY SCHOOL
5	SHREE VIDHYANAGAR SCHOOL

6	SHETH C.N.KISHHOR VIDHYALAYA
7	ARYAN PUBLIC SCHOOL
8	TINTODA PRATHMIK SHALA
9	OM SHANTI SCHOOL
10	MOHARA HINDI SCHOOL
11	BRIGHT ENGLISH SCHOOL
12	ROSE ENGLISH SCHOOL

Total 329 students from 5th standard participated for skimmer and 359 students from 6th standard participated for jet toy. School no 4, 8, 9, 10, 11, & 12 students (280) has not been charged for participation.

## SCHOOL LEVEL COMPETITION







## CITY OLYMPIC EVENT DAY

The day started with the student's registration in SSIU at 9:00 a.m. with the breakfast. Total 40 students from 5th standard registered for skimmer and 40 students from 6th standard registered for jet toy.

Inauguration and opening ceremony for the city Olympic was done by Dr. G.P. Vadodariya (Chairman SAE-Gujarat), Mr Amar Variawa (Vice Chairman SAE-Gujarat), Prof. R.J. Jani (Treasurer, SAE-Gujarat Division), Mr. Ankit Modi (GET SAE-Gujarat), Mr. Kishan Gohel (Vise-President SAELDCE CLUB) in Seminar hall at Swarnim Startup and Innovation University on 24th October 2019 at 9:30 a.m. in presence of Dr. D.J. Shah (Academic Director, SSIU), Mr. N.D. Chauhan (HOD Mechanical, SSIU).



All the students were given instruction about the competition and rules at respective seating arrangement in Classroom. Jet toy and Skimmer making was started at 10:30 AM. Students were given two hours for showing their skills and ability during this hours at 12:30 PM and program of Campus Visit was held parallel for teachers and parents by our Academic Director. At 12.30PM all the students, parents and teachers took delicious lunch at SSIU canteen. Post lunch Track competition was started at 1:30 PM for Jet Toy and Skimmer along with that Presentation were also started for the respective events. Prof. N.D. Chauhan, Asst. Prof. Chintan A Prajapati, Asst. Prof. Vikrant Mahajan, Asst. Prof. Ashwin Jakhaniya, Asst. Prof. Ankit Prajapati, and Asst. Prof. Chintan R Prajapati from Mechanical and Automobile Department were juries.



Competition criteria like distance, speed, accuracy turn test, weight, economy were performed simultaneously on the tracks. Students were given three attempts for particular criteria. Track competition was completed at 4:30 p.m. students took high tea after the completion of competition.

Award and medal distribution ceremony started at 5:00 p.m. in Seminar hall in the presence of Prof. R.J. Jani (Treasurer, SAE-Gujarat Division), Mr. Kishan Gohel (Vice-President SAELDCE CLUB), Mr Sudeep Ambre (Manager Research, Maruti Suzuki iACE) and Mr. Rahul Mishra (Trainer Welding, Maruti Suzuki iACE) .Below are the winners of the different criteria for Jet Toy and Skimmer competition. Vote of thanks was given by Mr. Ankit Modi (GET SAE-Gujarat) at conclusion of event.







**AWIM -2019 JETTOY EVENT WINNER LIST**

<b>NO.</b>	<b>EVENT NAME</b>	<b>SCHOOL NAME</b>	<b>STUDENT NAME</b>
1	OVERALL WINNER	MOHARA HINDI SCHOOL	Rajput Palak Ashoksingh
			Dwivedi Pragya Riteshkumar
			Thakor Shruti Manusing
			Nagar Bhagvati Shailesh
2	OVERALL RUNNER'S UP	ARYAN PUBLIC SCHOOL	Govind Singh Rajput
			Ajaypal Singh
			Dev Patel
			Dhruv Ajaybhai Ojha
3	WINNER DISTANCE	MOHARA HINDI SCHOOL	Rajput Palak Ashoksingh
			Dwivedi Pragya Riteshkumar
			Thakor Shruti Manusing
			Nagar Bhagvati Shailesh
4	WINNER SPEED	SHETH C.N.KISHHOR VIDHYALAYA	Sonara Kirtan
			Patel Daksh
			Zahin Khokhar
			Shah Bhagya
5	WINNER ACCURACY	SHREE VIDHYANAGAR SCHOOL	Vedant Samirkumar Patel
			Dharma Ketankumar Oza
			Aryan Asishbhai Panchal
			Bhavy Mehulbhai Shah
6	WINNER ECONOMY	ARYAN PUBLIC SCHOOL	Govind Singh Rajput
			Ajaypal Singh
			Dev Patel
			Dhruv Ajaybhai Ojha
7	WINNER WEIGHT	DIWAN BALLUBHAI ENG	Vyas Vishruti Hemangbhai
			Jain Devan Sunilkumar
			Trivedi Harshal Chintan
			Bhagat Vihan Tejas
8	WINNER PRESENTATION	DIWAN BALLUBHAI ENG	Vyas Vishruti Hemangbhai
			Jain Devan Sunilkumar
			Trivedi Harshal Chintan
			Bhagat Vihan Tejas



**AWIM -2019 SKIMMER EVENT WINNER LIST**

<b>NO.</b>	<b>EVENT NAME</b>	<b>SCHOOL NAME</b>	<b>STUDENT NAME</b>
1	OVERALL WINNER	BRIGHT ENGLISH SCHOOL	Ritesh Mishra
			Hiren Solanki
			Deep Parmar
			Adarsh Vishvakarma
2	OVERALL RUNNER'S UP	NANDEJ PRIMARY SCHOOL	Tamannabanu Arifsa Diwan
			Janki Hirenkumar Patel
			Krish Nalingiri Gosai
			Mufid Nabimuhammad Pathan
3	WINNER DISTANCE	OM SHANTI SCHOOL	Pal Priya Ramashankar
			Bagil Bharvi Vinod
			Harijan Shweta Gulabchandra
			Maurya Vaishali
4	WINNER SPEED	ARYAN PUBLIC SCHOOL	Shreshth Sanjaybhai Patel
			Jaivee Pankajbhai Goyal
			Richa Nandkishor Kushwala
			Jiya Rajendrabhai
5	WINNER ACCURACY	NANDEJ PRIMARY SCHOOL	Tamannabanu Arifsa Diwan
			Janki Hirenkumar Patel
			Krish Nalingiri Gosai
			Mufid Nabimuhammad Pathan
6	WINNER TURN TEST	BRIGHT ENGLISH SCHOOL	Ritesh Mishra
			Hiren Solanki
			Deep Parmar
			Adarsh Vishvakarma
7	WINNER WEIGHT	BRIGHT ENGLISH SCHOOL	Ritesh Mishra
			Hiren Solanki
			Deep Parmar
			Adarsh Vishvakarma
8	WINNER PRESENTATION	DIWAN BALLUBHAI ENG	Chaudhary Kaushal Hemantkumar
			Dugar Harshit Ravi
			Joshi Aniruddh Nrupadbhai
			Soneji Ansh Bhauminbhai

We are extremely thankful to Dr. D.J. Shah Academic Director of Swarnim Startup and Innovation University for allowing us to do this wonderful event in SSIU campus and SAE INDIA for financial support. We are very thankful to Mr. Kartiyekya Patel, Manali Patel and Dharini Patel for support. Special thanks to of Prof.R.J. Jani (Treasurer, SAE-Gujarat Division), Mr. Ankit Modi (GET SAE-Gujarat), Mr. Kishan Gohel (Vice-President SAELDCE CLUB) for helping us. Thanks to all jury members Prof.

N.D. Chauhan, Asst. Prof. Chintan A Prajapati, Asst. Prof. Vikrant Mahajan, Asst. Prof. Ashwin Jakhaniya, Asst. Prof. Ankit Prajapati, and Asst. Prof. Chintan R Prajapati from Mechanical and Automobile Department.

We are thankful to Asst. Prof. Ritesh Jain and Asst. Prof. Vaibhav Javale for Co-ordinating the whole event.

This event is not possible without Volunteers and Department support. List of volunteer given below:

Sr No.	Volunteer Name	Sr No.	Volunteer Name
1	Siddhant Singh	14	Shukla Ashutosh
2	Surajkumar Singh	15	Dikshit Fladu
3	Ashwin Yadav	16	Akshay Gareja
4	Priyanshu Sheth	17	Harsh Patel
5	Bharadwaj Sachin Vinodkumar	18	Shaury Patel
6	Darshan Kanpariya	19	Meet Panchal
7	Rutvik Sangani	20	Tarun Ramina
8	Kartik Patel	21	Yash Patel
9	Ishan Upadhyay	22	Neelesh Gajjar
10	Jay Hargan	23	Shubhang Dave
11	Prajwal Vishwakarma	24	Kori Piyush Kripashankar
12	Paritosh Shinde	25	Rana Jaymin P
13	Parth Mandharkar	26	Patel Jasmin

