



## STEM Symposium

February 17, 2025 to February 19, 2025

**“STEM is not the class you teach, it is the culture you build.”**

STEM learning refers to an educational approach that integrates four academic disciplines: Science, Technology, Engineering and Mathematics. The STEM approach aims to provide students with a comprehensive understanding of these interconnected subjects, fostering critical thinking, problem solving and creativity.

A group of teachers from APS attended the three days STEM Symposium – a testament to the power of collaboration between Adani Foundation and National Institute of Education Singapore, an autonomous institute within NTU supported by TAMSEK Foundation. The STEM Leadership Training Phase 4 was held from February 17, 2025 to February 19, 2025 at Shantigram Ahmedabad. The teachers who attended the STEM training are:

1. Ms. Rashida Hussain
2. Ms. Alka Chavda
3. Ms. Priti Sharma
4. Mr. Shiva Naripalli
5. Ms. Aaysa Ansari
6. Ms. Khalida Sorathiya
7. Ms. Shefali Sompura

### Day 1 – February 17, 2025

The Chief Guest for the program was Mr. Rohit Chaudhari (DEO, Ahmedabad City). Along with him Shri Vasant Gadhavi (Hon. Executive Director, Adani Foundation) and Mr. George Thomas (Director Education) were also present. The program started with lamp lighting. It was followed by lesson presentation from seven different schools of Adani. These lesson presentations were a part of competition. The results of the competition were declared on the last day of the Symposium.

### Day 2 – February 18, 2025

On the second day each school presented their next two lessons (Lesson plan 2 and Lesson plan 3). It was followed by Adaptability and Question answer session with feedback. The duration for each school's presentation was 40 minutes. The day culminated with the following points:

- Tools/ Methods for identification of Stem Topic in relevance to textbook
- Specific Inputs on Prototype making, evaluation and redesigning.

- Measures for integrating STEM curriculum to make it an integral part of STEM Activity.
- Number of classes ideally to be dedicated to STEM Activity given 40 minutes per lesson.

They also appreciated APS Teachers by awarding special badges. Ms. Alka Chavda received the badge for Active STEMmer. Ms. Shefali Sompura, Ms. Aaysa Ansari and Ms.Khalida Sorathiya received badge for punctual STEMmer.



### Day 3 – February 19, 2025

On the third day, the STEM team discussed about the Book chapter content and explained how the content should be presented in the book with reference to the font size, JPG images and proper flow of content. Teachers were made to sit in their respective school groups and were guided by the STEM Team for the same.







### Result Declaration

All the seven schools of Adani showcased innovative lesson plans, demonstrating STEM pedagogical excellence, critical thinking and impactful problem – solving strategies. These lesson plans were evaluated by esteemed NIE team and the top three schools were recognized for their outstanding contributions to STEM education. The second Runner up trophy was won by Adani Vidya Mandir, Ahmedabad for their lesson plan on Eco friendly Disposal of Stubble. The first Runner up was NRC School Mohone, Mumbai for their lesson plan From Waste to Energy. **And the champions trophy was bagged by Adani Public School Mundra for their lesson plan on Earthquake Resistant Structure.**

Special thanks to Adani Foundation for recognizing the efforts of the team. (Director, Kutch region) Ms. Meeta Jadeja, (Director, APS) Ms. Ami Shah, (Principal – cum – Director, APS) Mr. Hemant Kumar Sharma and (Vice Principal, APS) Dr. Renu Patidar congratulated all the STEM Teachers for their hard work and achievement. All members were felicitated in the morning assembly and awarded the Champions Trophy.

