

# REPORT

## Demonstration of Working models in 5<sup>th</sup> Science Exhibition and Educational Fair

In today's era education is not only confined to reading and writing. It is now linked to the holistic development of the children. With the efforts of the Government and parents, education has now reached everyone and every child is knowledgeable nowadays. Now the challenge and the demands in the market are not only limited to having knowledge, but it is also more about how impeccably one can present that knowledge. This is the reason Seth G.B. Podar College, Nawalgarh are leaving no stone unturned to help students to experiment with their knowledge and are providing them different opportunities to showcase their skills.

A science exhibition is a wonderful tool that engages students in learning new facts. It develops in them the curiosity to learn more which otherwise is not developed by listening to boring lectures. It provides a platform for the students to use their scientific knowledge and bring the best invention from their brains. It also allows students to work together in groups and learn from each other. They share their ideas and collectively galvanize those ideas to bring something innovative into implementation. This further allows the students to develop their social and moral skills and make them a better team player. Students enjoy learning through such exhibitions as they put effort and make models with their own hands. When they give presentations in exhibitions, they become more familiar with public speaking and this removes their stage fright and imparts self-confidence in them. It also encourages them to ask more questions to address their curiosities.

Students of the Department of Chemistry Prepared 16 working and non-working models including charts of which a working model about "Room-Heater" won 3<sup>rd</sup> prize. Total 32 students made models on various principles of chemistry. Following students participated with their models-

## DEPARTMENT OF CHEMISTRY PROJECTS

S.No.	Principle	Student name	Class
1.	Charles's Law	Manisha Kumari, Neelam	M.Sc. (pre.) Chemistry
2.	Gay-lussac's law	Priyanka Saini, Avinash	
3.	Avogadro Law	Sangeeta Kumari, Sant Kumar	
4.	Water drip system	Monika, Rahul Saini	M.Sc. (Final) Chemistry
5.	Viscosity	Kiran, Pramod Saini	M.Sc. (Final) Chemistry
6.	Acid-base indicator	Nisha Saini, Priyanka Kumari	
7.	Solar system	Babita, Pintu Kumari,	M.Sc. (Final) Chemistry
8.	Human body skeleton	Renu Kumari, Pooja Kumari	M.Sc. (Final) Chemistry
9.	Archimedes principle	Rupal Jangir, Minakshi	M.Sc. (pre.) Chemistry
10.	Tyndall effect	Priyanka chobdar, Jiya Saini	M.Sc. (pre.) Chemistry
11.	Boyle's law	Praveen Kumar Ishika, Amit Kumawat	
12.	Eye candy	Prachi Ganeriwal, Preeti Kumari	
13.	Plastoscope	Vikash Sharma, Vandana Boyal, Lokesh Kumar	M.Sc. (Final) Chemistry
14.	<b>Room heater</b>	<b>Avinash Bugalia, Nisha Surolia</b>	<b>M.Sc. (Final) Chemistry</b>
15.	Acid-Base properties	Sunil Saini, Hariom, Akash Saini	B.Sc. I
16.	Water Cycle	Kalpna Saini, Narendra Kumar, Komal Sain, Muskan	M.Sc. (Final) Chemistry

