

B.K.M.SCIENCE COLLEGE,VALSAD

Inter College Science Fair
23 rd February 2017

Preparing a science fair project is an excellent example of what education experts call *active learning* or *inquiry* (also "hands-on" learning). It is a very effective instructional method; indeed, it is recommended as a cornerstone of successful science teaching. Of course, learning about science is at the heart of a science fair project. Our society relies more on science every day, and science fairs are a great way for students to become more knowledgeable about how the world around them works. Science fair is an opportunity for students to apply the scientific method to conduct independent thinking and research. The mere purpose of science fairs is to instill scientific attitude in the young generation to make them realize the interdependence of science, technology and research. Science fair provides a platform to the students where they can learn from each other's experiences and get motivated to design and develop something new and innovative

Keeping this view in mind and to explore the creative Scientific potentials in the young minds of the students B.K.M.Science College organized an inter college 'Science fair' at college premises on 14 th January 2017. Students showcased static and working scientific models which can be used for learning various scientific concepts for students. Furthering these philosophy students showcased their talents on creativity and innovation. The objective of the science fair was not only to inculcate a scientific attitude and research-mindedness but also creating teaching aids. It involves students to participate in activities so as to understand the cognitive, affective and psychomotor aspects of the task. With an endeavor to promote scientific attitude among budding young students, this exhibition was one of its kind.

The 'Science Fair' of B.K.M.Science College,valsad is testament to the evolution of the students' knowledge, confidence, speaking skills and scientific attitude. There were 26 exhibits with nearly 68 students from various colleges of Veer Narmad South Gujarat university, Surat involved in the event. Students had worked hard taking up the ownership of their research, set up and displays for their respective project. The experiments and projects were incredibly interesting to the audience as they all related to scientific world and what students use or come across in daily life. Students used scientific terms and presented their experiment in an excellent way. In the science fair Students were excited and very happy to present their project. Students displayed their projects, models and experiments successfully in the event.

Student-teachers from the Science group across the college education participated in the event and made various Scientific models. Students had made still models, working models, charts and posters to present their topics. Students were encouraged to develop a scientific fervor and an attitude of research mindedness so that they develop the qualities of analytical and critical thinking.



In the beginning of the science fair Principal Dr.Vikas Desai told that our intention is

- To promote creative thinking and manipulative skills among students through self devised science projects or models or experiments.
 - To motivate the students toward science and increases the skills of the presentation
 - The science fair increases the interest in being scientist and researcher.
 - To explore and encourage scientific and technological talent among the young generation.
 - To provide exploratory experiences and opportunities to the talented or creative students for the nourishment and nurturing of their creative talents.
 - To provide a means of media to the science students for trying out theory into practice.
 - To bring out the future scientists into lime light who may then be trained as proficient inventors for the growth of the society, nation and mankind.
- To create awareness among the students regarding the role of science and technology in the sustainable growth and development of the country.

The coordinator of the Science fair, Vice Principal Dr.T.G.Gohil told that Preparing a Science fair project is an excellent example of what education experts call 'active learning' or 'enquiry-based learning'. It is a very effective instructional method, that it is recommended as a cornerstone of successful Science teaching.



Dr.
Principal,
B.K.M. Science College,
Valsad, Gujarat, India.


Students stood in front of their models and projects and explained to the school, college students and other visitors about the science and technology behind it. Students explained the Science behind their project and spoke very well. They demonstrated great expertise in answering queries about the functions and formations of their models and projects. Visitors were happy with the models and projects prepared by the students. Visitors applauded the students for their sincerity and rare demonstration of knowledge. Various college students, school students and visitors from valsad town and district visited the Science fair.

The science fair project proved to be a thrilling and motivating experience to students. The Students not only gained knowledge about science and technology but also enjoyed the fair. The participation in the science fair is a great way to arouse curiosity in the minds of students.

Principal Dr. Vikas Desai, Vice Principal Dr. T.G. Gohil and Head of the the Department of Chemistry, Physics and Maths took the initiative of encouraging the students to put up such a wonderful and enlightening fair. The judges appreciated the students efforts. They asked students about the scientific concepts forming the foundation of the models. An impressive panel of judges Dr. S.I. Marjadi and Yatinbhai Deai evaluated the efforts of the participants.

College won the first prize, College won the second prize and College won the third prize of the Competition. Convener of the competition. At the end Dr. T.G. Gohil thanked all the participants for making the event a roaring success.

At the end of the science fair winners were awarded with prize and certificate and all Participants were awarded with certificates for participation. The students participated enthusiastically in the activity as it gave them an opportunity to showcase their creativity. Principal, Vice Principal, teaching faculty and the administrative team together worked in unison and coordination to successfully conduct the program.


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