



SREE VENKATESWARA COLLEGE OF ENGINEERING

NAAC 'A' Grade Accredited Institution,

An ISO 9001:: 2015 Certified Institution

(Approved by AICTE, New Delhi and Affiliated to JNTU, Anantapur)

Northraipalem (Vi), Kodavaluru(M), S.P.S.R Nellore (Dt)-524316



DEPARTMENT OF HUMANITIES & SCIENCES I B TECH I SEM

REPORT ON SCIENCE EXPO

Name of the event: National Science Day

Science Expo provides a platform for students of the colleges to exhibit their projects/talent/creativity through theme-based competitions.

To incalculable, the value of scientific temperament among the students, the Science expo was held on campus. Numbers of Models are exhibited in this competition. The participants with their varied exhibits confidently exhibited and spoke on their modal.

Science Expo – “A journey from Science to Innovative Technology” is an annual one-day event organized every year on the 28th of February at Sree Venkateswara College of Engineering Campus. The science expo aims at introducing young students to a scientific environment and inculcating in them a desire to seek additional knowledge and skills in areas of their interest. Students of I B Tech of the College within the campus showcase and demonstrate their innovative projects and ideas.





What are the Benefits of the Science expo?

1. Science expo provides students to be recognized and oriented by their abilities.
2. Because the students will carry out all the studies during the competition through scientific study logic, they know, adapt, care and trust this method.
3. The students comprehend other projects in competition besides the project they carry out in a staggeringly short time, find the mistakes, and make efforts to develop the project to be better. And this creates ambition and an amazing learning environment.
4. Students learn the models and running processes of the devices used in daily life. So that students use devices productively, develop these and understand that each device runs through simple logic.
5. Positive communication is established between families and students through counselling teachers' participating the families in the project studies. It enhances parent-student-teacher communication. The students who participated in the competition become a source of pride for their families.
6. Science expo provides students to acquire the feeling of achieving and concluding something. This encourages students for all activities to be carried out and gives confidence.
7. Science expo creates a perfect learning environment for the students visiting the carried-out projects and creates the feeling of managing the same project for their students.
8. Projects emphasize the importance of competition in science and technology through the feelings of students

The Science Festival is a huge effort that involves time at home for each student to pursue a question through scientific inquiry. They perform experiments to test hypotheses, and they present the results and conclusions during the festival.

Each student spends time presenting their findings to the others during a gallery walk. Students answer questions from other students who visit their exhibit. Another portion of the festival day has student scientists present their scientific studies with an oral demonstration in front of others.

The greater is your knowledge base and level of curiosity, the more potential innovative ideas you can achieve. But simply knowing does not guarantee the formation of new ideas or creativity. One needs to be highly innovative and creative to shape his ideas. He stressed that we must give room to the young minds to think to get a fruitful outcome for the welfare of society.

Some of the projects exhibited by students of Sree Venkateshwara College of Engineering were –The smart city model, Smart Road Control, Automatic Irrigation of plants, Webcam based Face Detection, Electricity Generation from Salt-water, Smart Chair for Physically Challenged etc

The students of all the branches showcased some of their innovative projects and ideas to make the science expo an enriching experience for all. All the I B Tech students of the College Campus participated in the expo. The winners were felicitated with prizes and certificates whereas all the participants were given certificates.

The students were noticed to understand the concepts “new ideas, creative and original” from the concept of project-based thinking. According to the students, the differences between the ones who participated and not participated in the science expo included participants’ having more self-confidence, a stronger imaginary world, and more knowledge. Moreover, the students also mentioned that the thoughts of the ones who participated in the science expo would develop more, their self-confidence would improve, and their creativity would be encouraged. The students specified that carrying out projects related to the science expo increased their self-confidence. It was understood that students’ carrying out projects on history positively affected their viewpoint. They especially mentioned that they got rid of memorizing and using materials. This proved that project-based studies could be carried out. It was possible to mention that project-based lecturing should be increased more, and science expos should be provided to be more functional. Carrying out such activities that would enhance the learning process of the students would make it more enjoyable.

