

Essay on National Science Day in 100 Words

Sample 1

'National Science Day is annually celebrated on 28th February. This day marks the discovery of the RAMAN EFFECT by the Indian Physicist Dr C.V. Raman. Raman Effect is also known as the Raman Scattering. According to the Raman Effect, when light interacts with molecules, the scattered light can experience changes in its frequency.

On National Science Day, several events and activities are organized by the National Council for Science and Technology Communication (NCSTC). These events and celebrations aim to promote the importance of science in our daily lives. Through these activities, students and young people are encouraged to think scientifically and recognize the achievements of Indian scientists.'

Sample 2

National Science Day is celebrated on February 28 to honor Dr. C.V. Raman for his discovery of the Raman Effect. Science is everywhere- in smartphones, space exploration, and even in the food we eat! This day reminds students how science shapes our lives and encourages curiosity. Schools organize fun activities like quizzes, exhibitions, and experiments to make learning exciting. It's a great time to explore inventions and dream of becoming scientists, engineers, or innovators. National Science Day inspires students to think big, ask questions, and use science to create a better future for everyone. It teaches us that with curiosity and hard work, anyone can aspire to make groundbreaking discoveries.

Essay on National Science Day in 200 Words

Sample 1

'National Science Day is observed on 28th February every year. The National Science Day 2025 theme is "*Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat.*" This day is celebrated to mark the discovery of Raman Effect or Raman Scattering by C.V. Raman.

Shri Sir Chandrasekhara Venkata Raman or C.V Raman discovered the Raman Effect on 28th February 1928, where we explained how light interacts with molecules and how the scattered light can experience changes in its frequency. This change in frequency is attributed to the vibrations of the molecules. The Government of India aims to promote scientific developments in India by organizing various events and activities on National Science Day.

C.V Raman was an Indian scientist, who was awarded the Nobel Prize in Physics for the discovery of the Raman Effect. He was the first Indian to receive a Nobel Prize in Physics.

The Indian Government and its departments of the National Science Day organize Scientific exhibitions at various educational institutions, that are aimed to engage the public and students in interactive learning experiences. Seminars and science competitions are conducted where students are encouraged to explore and showcase their scientific knowledge and skills.

The celebrations and activities on National Science Day aim to celebrate science, promote the scientific temperament, and inspire interest in the minds of people, especially the youth.'

Sample 2

National Science Day is celebrated in India on February 28 every year to honor the discovery of the Raman Effect by Sir C.V. Raman. He was awarded the Nobel Prize in Physics in 1930 for this groundbreaking discovery. This day is dedicated to promoting scientific awareness and inspiring young minds to explore the world of science. As Sir C.V. Raman once said, *"I am the master of my failure... If I never fail, how will I ever learn?"* His words remind us that learning and discovery come from curiosity and perseverance.

The theme of National Science Day 2025 is *"Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat."* This theme highlights the role of science and technology in ensuring the safety and security of people. It encourages students to understand how scientific advancements contribute to a better and safer world.

This is the time when Indian schools and colleges organise various activities for students. We get the golden opportunity to participate in quizzes, exhibitions, and science fairs. National Science Day reminds us that science is not just about formulas and experiments; it is about questioning, discovering, and improving lives. By nurturing scientific thinking, we can contribute to a brighter and more innovative future for our country.

Essay on National Science Day in 300 Words

'National Science Day is observed on 28th February all over India. This Day is celebrated to mark the discovery of the Raman Effect or Raman Scattering by the famous Indian Physicist; Shri Sir Chandrasekhara Venkata Raman, popularly known as CV Raman.

These days are known as the days of national importance, which portrays India's significant achievement in a particular field. This day not only reminds us of the great contributions of Shri CV Raman but also provides an opportunity to think scientifically and encourage people to explore and experiment.

Dr Raman used a spectrograph, which he developed all by himself, and along with his student KS Krishnan, he discovered that when light travels through a transparent medium, the deflected light changes its frequency and wavelength. In the world of Science, this phenomenon was

termed modified scattering, which was later named after Shri CV Raman as the Raman Effect or Raman Scattering.

It has been almost 100 years since the Dr Raman discovered the Raman Effect. Every year, the Indian government organizes various public events, like Science competitions and exhibitions, seminars, and Scientific awareness programs to encourage the development of a scientific temper in society. It aims to instill curiosity and a rational approach towards problem-solving, fostering a culture that values evidence-based reasoning.

Every year, the Union Ministry of Science and Technology releases a special theme on this day. This theme targets a specific goal, where the youth is encouraged to participate and are provided with all the basic details and amenities. In 2025, the National Science Day theme is *Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat.*"

Important days like National Science Day are celebrated for the spirit of inquiry, innovation, and discovery. India is a land of talent and this talent deserves the right platform. Through the National Science Day events, such talented youth can get the right opportunities in the field of science and technology and take the nation to new heights.'

