



ENVIS HUB



Puducherry Pollution Control Committee



NATIONAL SCIENCE DAY 28th FEBRUARY 2019



National Science Day is celebrated on 28 February each year



What is National Science Day?

National Science Day is celebrated across India on February 28 each year to mark the discovery of the Raman Effect by Indian physicist Sir C V Raman on 28 February 1928.



What is Raman Effect?

Raman Effect, change in the wavelength of light that occurs when a light beam is deflected by molecules. When a beam of light traverses a dust-free, transparent sample of a chemical compound, a small fraction of the light emerges in directions other than that of the incident (incoming) beam. Most of this scattered light is of unchanged wavelength. A small part, however, has wavelengths different from that of the incident light; its presence is a result of the Raman Effect.



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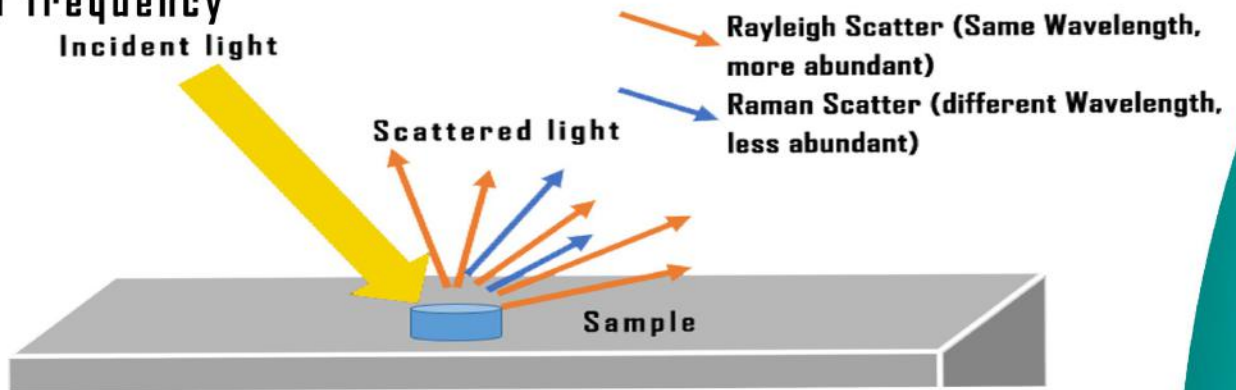


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SCIENCE FOR THE PEOPLE AND THE PEOPLE FOR SCIENCE

Rayleigh scattering : The scattering of light by particles in a medium, without change in wavelength.

Raman scattering : The Scattering of radiation with change of frequency



How many awards did Sir. C. V. Raman got?



Fellow of the Royal Society (1924)
Knight Bachelor (1929)
Nobel Prize in Physics (1930)
Bharat Ratna (1954)
Lenin Peace Prize (1957)
Fellow of the Royal Society (1924)



What purpose we celebrate National Science Day?



The basic objective of observation of National Science Day is to spread the message of importance of science and its application among the people. National science day is celebrated as one of the main science festivals in India every year with following purpose:-

- To widely spread a message about the significance of scientific applications in the daily life of the people,
- To display all the activities, efforts and achievements in the field of science for welfare of human being,
- To discuss all the issues and implement new technologies for the development of the science,
- To give an opportunity to the scientific minded citizens in the country,
- To encourage the people as well as popularize the Science and Technology.

