

National Science Day

28th February, 2021

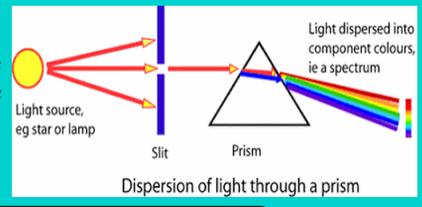
Theme- "Future of STI: Impacts on Education, Skills and Work"

Science Technology and Innovation (STI) has been at the forefront of the fight against the COVID-19 pandemic. From enhancing our understanding of virus transmission pathways and the complexity of pandemic risks to managing critical supplies and developing digital platforms for health.



Sir C.V Raman
(7 November 1888 – 21 November 1970)

- Since 1987, 28th February is celebrated as **National Science Day** in India to commemorate the discovery of "**Raman Effect**" by Indian Scientist Sir Chandrasekhara Venkata Raman.
- Sir C.V Raman has won the Nobel Prize in physics in 1930.
- **Raman effect**, explains the effect on the scattering of light when passing through different materials.
- The main aim of the celebration is to promote science related activities & to create awareness about the importance of science in daily life.



SCIENCE FOR SOCIETY DURING PANDEMIC



COVAXIN[®], India's indigenous COVID-19 vaccine by Bharat Biotech has developed in collaboration with the Indian Council of Medical Research (ICMR) - National Institute of Virology (NIV), 2021.



Fighting Misinformation
In order to reduce false information, companies like Google, Facebook, and YouTube are working to guide people.



Finding Drugs
AI is playing important role in suggesting components of a vaccine by understanding viral protein structures, and helping medical researchers



Increasing traceability and transparency by sharing data
In India, telecom operators like BSNL, Airtel, Jio and more, are using the caller tunes to spread awareness about the pandemic.



Contact-less movement and deliveries through autonomous vehicles, drones and robots
Self-driving cars, drones, robots can all help to avoid human contact.



Temperature Monitoring
The wireless thermometer guns and other similar infrared body temperature measuring devices have become the most important medical equipment.