



S J P N Trust's  
**Hirasugar Institute of Technology, Nidasoshi.**

*Inculcating Values, Promoting Prosperity*

Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi,  
Recognized under 2(f) & 12B of UGC Act, 1956

Accredited at 'A' Grade by NAAC, Programmes Accredited by NBA: CSE & ECE

First Year Engg. Dept.

National Science Day

Report

2022-23

<b>Date of Activity held and Time:</b>	28/02/2023 11.00 am
<b>Name of Activity:</b>	<b>National Science Day</b>
<b>Type of Activity: (Cultural/ Curricular/ Co-Curricular)</b>	<b>Invited Talk on National Science Day Celebration</b>
<b>Resource Person/Invitee:</b>	<b>Dr. Bantesh K. Bammannavar</b> Senior Grade Lecturer, Department of Science Government Polytechnic, Belagavi
<b>Professional Details of Resource Person:</b>	Senior Grade Lecturer, Department of Science Government Polytechnic, Belagavi
<b>Year / Class:</b>	I-Year / I-Semester
<b>No. of students:</b>	Approximate 220
<b>No. of Staff:</b>	Approximate 15
<b>Activity In charge:</b>	All First year Department Faculties & First Year Coordinator
<b>Venue:</b>	Mechanical Seminar Hall



Indian Scientist Sir Chandrasekhara Venkata Raman, On 28<sup>th</sup> February 1928, discovered a phenomenon of scattering of photons, which was later known as 'Raman Effect' after his name. After two years in 1930, he got Nobel Prize for this remarkable discovery and this was the first Nobel Prize for India in the field of Science. To mark the remarkable discovery of his famous phenomenon, National Science Day is observed in India on every year. National Science Day on 28<sup>th</sup> February is celebrated as National Science Day.







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### Purpose of the Celebration:

National Science Day is used to celebrate to respect the Great Scientists who have invented many of the Technologies and Techniques to handle and tackle every task comfortably and accurately. It is very important for the people to create positive ideas and there should be no negative ideas to be implemented for the safety of people. It is one of most Important Science occasion by which every Student in India celebrates with great joy and happiness.

It is important for the Students to try to gather lots of Technological information to gain knowledge about how to develop a great Machine or any other Technology to make the people's Goal to be achieved.

The basic objective of celebration of National Science Day is to spread the message of importance of science and its application among the people in India every year.

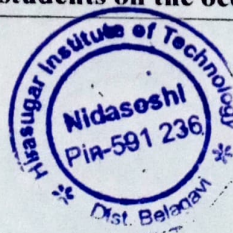
- To widely spread a message about the significance of scientific applications in the daily life.
- To display all the activities, efforts and achievements in the field of science for welfare of human being.
- To discuss all the issues and implement new technologies for the development of the science.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

**NSD 2023 is 'Global Science for Global Wellbeing'**

Two know more information related to Indian Scientist Sir Chandrasekhara Venkata Raman and Science, we have invited faculty of Physics Dr. Bantesh K. Bammannavar, Senior Grade Lecturer, Department of Science Government Polytechnic, Belagavi as a Chief Guest for the Science day celebration.



**Dr. Bantesh K. Bammannavar, Senior Grade Lecturer, Department of Science Government Polytechnic, Belagavi addressing to the students on the occasion of National Science day celebration.**





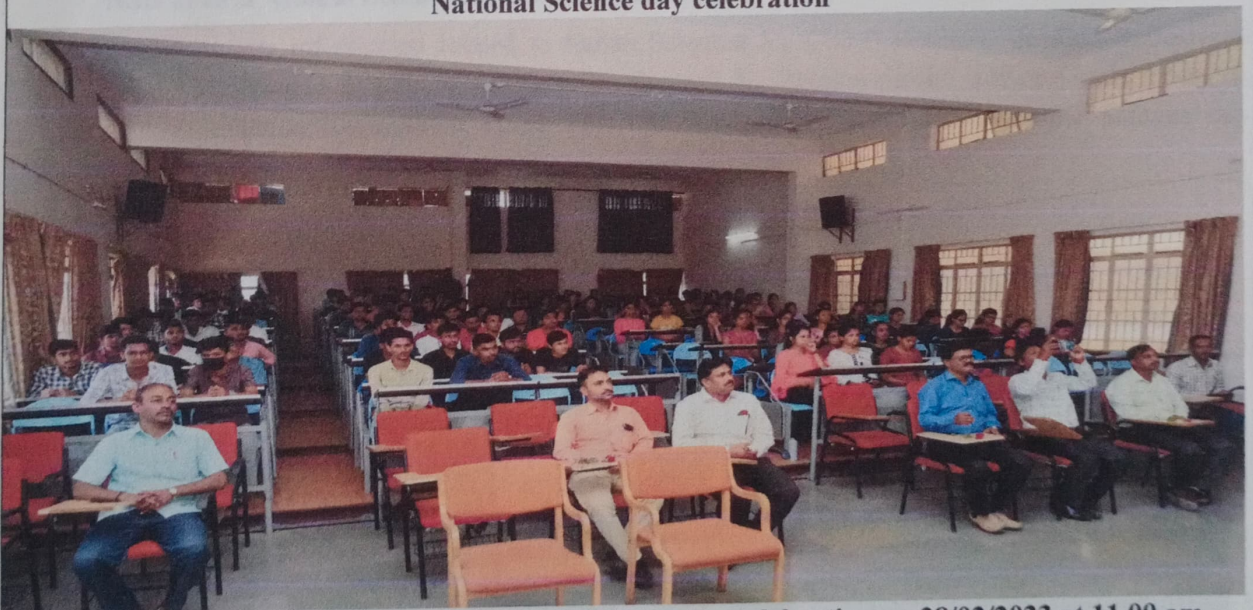


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**Dr. S. C. Kamate, Principal, HSIT Nidasoshi, addressing presidential remarks on the occasion of National Science day celebration**



**The staff and Students attended National Science day celebration on 28/02/2023 at 11.00 am**







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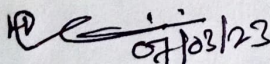
2022-23

The chief Guest Dr. Bantesh K. Bammannavar, addressed to the student History of Raman effect. In 1928, Raman discovered that when a stream of light passes through a liquid, a fraction of the light scattered by the liquid is of a different colour. Raman and his research group in Calcutta set up some simple experiments to look at the scattering of light in various liquids. As a light source they initially used sunlight, which was abundant in Calcutta. Using a colored filter they separated out blue-violet light, which then scattered off the target liquid.

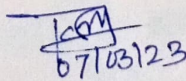
They used yellow-green and other colored filters to visually detect a change in color of the scattered light. The effect is weak and difficult to see, so they soon realized they needed a more intense light source. The research center acquired a seven inch telescope, which Raman used to concentrate sunlight for their experiments. Even with the fairly simple setup, they were able to observe a shift in the color of light scattered by many different liquids.

Dr. S.C. Kamate , Principal, in his Presidential enlighten to the students about theme of National Science day celebration is '**Global Science for Global Wellbeing**' Wellness is not only about financially. A person must be of wellness: physical, emotional, intellectual, spiritual, social, environmental, occupational, financial, and cultural. Those who study or practice global health work to eliminate health disparities in low-resource settings around the world through research, education and collaborative intervention.

The Science day function was started with Invocation Song sung Sakshi and Pooja, I-year students followed by Welcome speech by Dr. K. B. Manwade, I-Year Coordinator, Introduction of Chief Guest by Dr. M.S. Hanagadakar, Chemistry Department, Flower presentation by Prof. V.M. Bhumannavar, Physics Department and vote of thanks by Dr. S. L. Patil, Maths Department. The faculty members of First year, HoD's and Students of First year department were attended the National Science day Celebration function .

  
07/03/23

Dept. Activities Coordinator  
(Dr. M.S. Hanagadakar)

  
07/03/23

I- Year Coordinator  
(Dr. K.B. Manwade)

  
Principal

(Dr. S.C. Kamate)

**PRINCIPAL**

**Hirasugar Institute of Technology**  
**NIDASOSHI-591236**

