

**A Report on One-Day Refresher Program On  
Research In Physical Sciences: New Trends and Research Findings & National Science Day Celebrations  
Organized by Department of Physics in Association with NSS Team MITS  
on 28<sup>th</sup> February 2024**

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**Report Received on 04.03.2024**

**National Science Day Celebrations:**

The Department of Physics, Madanapalle Institute of Technology & Science celebrated National Science Day on 28 February 2024 and conducted a one-day Refresher Program on **RESEARCH IN PHYSICAL SCIENCES: NEW TRENDS AND RESEARCH FINDINGS**.

The National Science Day, is celebrated on February 28 every year. This day holds significant importance as it commemorates the discovery of the Raman Effect by Indian physicist Sir C.V. Raman in 1928. The Raman Effect is a ground-breaking phenomenon in the field of physics that earned Raman the Nobel Prize in Physics in 1930, making him the first Asian and the first non-white person to receive this prestigious honour.

Every year, this day is celebrated across India with a scientific temper for spreading the message of the importance of science and its applications among the people. Govt. of India also announces a particular theme for it, and the current year 2023 theme is “**Indigenous Technology for Viksit Bharat**”. The major focus of the 2024 National Science Day Theme:

- The theme focuses on the promotion of science and technology among the public and enhances their practical thinking of science and technology.
- The theme celebrates the home-based technologies of India and highlights their achievement and requirements in the development of the nation. It promotes Independent India.
- The theme insists on the collaboration of the public and scientific community and urges both the Indian and international science fraternity to work together for the welfare of the people and humanity.

**Pre-event sessions:**

Science Day **Quiz** competition conducted on **28/02/2024 10:10 AM - 11:00 AM Seminar Hall-B**. Total 138 of students attended the event. The quiz competition was framed to gain basic knowledge of scientific discoveries, general awareness of science and wisdom of Indian science and technology. The winners were awarded prizes on 28-02-24 on National Science Day.

Date: 28-02-2024.

**LIST of Competition:**

Organised by: NSS UNIT MITS in Association with PHYSICS DEPARTMENT on the occasion of National Science Day.

- 1) ESSAY (Timings 9:10 am to 10:10 am)
- 2) Scientific Talk (Timings 11:10 am to 12:10 pm)
- 3) Instrument Insight (timings 01:00 pm to 02:00 pm)

The National Science Day celebration program started at 02:00 PM with a welcome address by **Dr. M. Chandra Sekhar**, Head, Department of Physics, MITS, Madanapalle. The inauguration session was chaired by **Prof. P. Ramanathan, Vice Principal, Academics, Dr. P. Sivaiah, Associate Dean R & D, MITS and Dr. Chandra Mohan, I B.Tech. Coordinator**.

**Dr. M. Chandra Sekhar** described briefly about Sir C.V. Raman and mentioned the importance of National Science Day. Further, he speaks about the various research works that has been carried out by different faculty members in the department of Physics, and achievement of faculty members in terms of publications and research grants from various national and international funding agencies. **Prof. P. Ramanathan, Vice Principal, Academics**, laid emphasis on inventions and discoveries made in the field of science that have made human life sophisticated and hence suggested the students and the teaching fraternity to strive for the benefit of science.

**Dr P. Sivaiah, Associate Dean R & D, MITS**, narrated **Sir C.V. Raman's** history and remarkable events in his scientific journey. He lauded how Sir C.V. Raman made remarkable discoveries with minimal resources available at that time in India. **Dr. Chandra Mohan, I B.Tech**, coordinator narrated the importance of science in the development of technology.

S. No.	Agenda	Timings
1	Science Day Celebrations <b>Title:</b> Overview of Research Infrastructure in the Department of Physics, MITS opportunities of research. By <b>Dr. M. Chandra Sekhar</b> , Head, Department of Physics, MITS, Madanapalle.	2:00 pm to 2:30 pm
2	<b>Title:</b> Physics and Technology: Our Day-to-Day Life. By <b>Dr. Agnibha Das Majumdar</b> , Assistant Professor, Dept. of Physics, MITS	2:30 pm to 3:00 pm
3	<b>Title:</b> Women in Science and Technology. By <b>Dr. Rasmita Jena</b> , Assistant Professor, Dept. of Physics, MITS	3:00 pm to 3:30 pm
4	<b>Title:</b> How to decode the moon and space with Physics. By <b>Dr. Sreedhar Sunku</b> , Assistant Professor, Dept. of Physics, MITS	3:30 pm to 4:00 pm
5.	<b>Title:</b> NSS events on Science Day. Valedictory	4.00 pm to 4.30 pm.

In the Afternoon Session, we continued with the conduction of the One Day Refresher Program. On Emerging Trends in Physical Science research with the following speakers deliver the talk on exciting topics.

The closing ceremony is headed by Vice Principle, MITS, Prof. P. Ramanathan. He appreciated conducting various programmes on this occasion for spreading the importance of science and motivated students towards the research. Further, he congratulated the winners of competitions. NSS Team MITS, faculty in charge Mr. Rajesh, Mechanical department, MITS delivered speech on the occasion of science day and activities conducted by NSS volunteers.

Valedictory remarks given by Dr. B. Jagadeesh Babu, Asst. Prof. Dept. of Physics. Function closed.

**A Glimpse of Science-Day Celebrations:**



