

**A Report on National Science Day Celebrations with the theme
"Empowering Indian Youth for Global Leadership in Science and Innovation for
Viksit Bharat"**

**Organized by Department of Physics
in Association with NSS Cell
on 28.02.2025**



Report submitted by: Dr P.V. Chandrasekar, Associate Professor, Department of Physics.

Report Received on 05.03.2025.

Mode of Conduct: Offline

National Science Day Celebrations:

The Department of Physics, Madanapalle Institute of Technology & Science celebrated National Science Day on 28th February 2025 with theme "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat". The national science day will be celebrated to mark the discovery of the Raman Effect by Indian Physicist Sir C.V. Raman on this particular day in 1928. For his discovery, Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930. In an effort to raise awareness of the value of science and its applications, this day is observed annually throughout India with a scientific temper. Govt. of India also declares a specific theme for it; the theme for 2025 is "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat."

Pre event sessions on 27-02-2025:

Competitive events for students were conducted on **27/02/2025 10:10 AM - 04:30 PM Seminar Hall-C**. Total of 105 students were participated in the events under the various stream. The competitive events were framed in such that to know basic knowledge of science discoveries, general awareness in science and wisdom of Indian science and technology. The winners were awarded prizes on 28-02-2025 on national science day.

List of Competition organized by NSS UNIT MITS in Association with Physics Department on the occasion of National science day.

- 1) Science Quiz (Timings 10:10 AM to 11:10 AM)
- 2) Essay Writing (Timings 11:30 AM to 12:30 PM)
- 3) Poster Presentation (Timings 02:00 PM to 3:00 PM)
- 4) Drawing (Timings 3:30 PM to 4:30 PM)

The National Science Day (NSD-2025) event on 28-02-2025:

The National Science Day celebration program started at 2:15 PM. The events were anchored by **Dr. Agnibha Das Majumdar**, Assistant Professor of Physics, MITS. Inauguration session Chair **Dr. C. Kamal Basha, Vice Principal (Administration)**, **Dr. M. Chandra Sekhar, Head, Department of Physics**, Mr. P. Rajesh, NSS Program Officer, Dr. K. Chandra Mohan, I B. Tech. Coordinator, Dr. Jagadeesh Babu, I B. Tech. Additional Coordinator was welcomed by **Convenor of NSD-2025 Dr. P.V. Chandrasekar**, Associate Professor of Physics, MITS. The welcome address was given by **Dr. M. Chandra Sekhar**, Head of Physics. MITS.



Dr. M. Chandra Sekhar briefly mentioned Sir C V Raman's discovery and mentioned the importance of National Science Day. Furthermore, he added the role of science in the student's life and how the science is shaping the present and future of the world. He mentioned briefly how the nation is concentrating on the fields of medicine, space, and artificial intelligence under the Viksit Bharat theme.

Dr. C. Kamal Basha, Vice Principal, Academics, he laid emphasis on inventions and discoveries made in the field of science that have made the human life sophisticated and hence suggested the students and the teaching fraternity to strive for the benefit of science. In order to benefit society, he urged the students to prepare engineering projects.

Dr. P. Ramesh, NSS Program officer, MITS highlighted the important of student's participation in various programme around the campus and its effect on the student's professional life.

Dr. Chandra Mohan, I B. Tech. Coordinator narrated the importance of science in the development of technology. He mentioned that science knowledge is the basic to solve the engineering problems by utilizing the advanced engineering and technology.

Dr. Jagadeesh Babu Bellam, I B. Tech. Additional Coordinator said that every innovation starts with curiosity. He added that innovative ideas must be obtained by making use of the resources on the premises. He suggested that the students concentrate on developing creative projects and use them to advance start-ups, entrepreneurship, etc.

Following by the speech of special guests, the Dr. Agnibha Das Mujumdar and Dr. Chandrakanta has given the talks on science & Technology development and its influence on human society to motivate the students.



Dr. Agnibha Das Majumdar has given the talk on topic of “**Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat**”. His talk emphasizes the **pivotal role of youth** in driving research breakthroughs, shaping future technologies like AI and biotechnology, and tackling global challenges such as climate change and healthcare. Real-life examples of young Indian scientists making ground-breaking contributions—**Gitanjali Rao (AI & water purification), Ritu Karidhal (ISRO), Vinisha Umashankar (Solar ironing cart), and Rifath Sharook (world’s lightest satellite)**—illustrate the **potential of India’s youth in science**. Additionally, government initiatives like **INSPIRE, KVPY, ISRO’s YUVIKA, and Atal Innovation Mission** provide platforms for young minds to innovate and lead. This talk aims to **inspire students, researchers, and policymakers** to collaborate in shaping a **scientifically empowered and globally competitive India**.

Dr. K. Chandrakanta’s talk was presented under the title “**India’s Scientific future: Opportunities for the Next generation**” which explores the scientific legacy of India and the prospects for the upcoming generation of scientists and inventors. The session highlights India’s progress in scientific and technological fields, with a special focus on AI, supercomputing, and high-energy physics. A significant portion of the discussion is dedicated to global research collaborations, particularly opportunities at CERN, including internships, fellowships, and direct employment pathways. The talk also emphasizes the role of national institutions such as BARC, IISc, and IITs in contributing to global scientific advancements. Practical advice is provided for students and young researchers to improve their prospects through internships, coding skills, and networking with experts.



The Vice Principal Administration, **Dr. C. Kamal Basha** presented the shield and certificate to the competition winners. Valedictory remarks were given by Dr. Sreedhar Sunku, Assistant Professor, Department of Physics.