

REPORT ON NATIONAL SCIENCE DAY **CELEBRATION 2024**



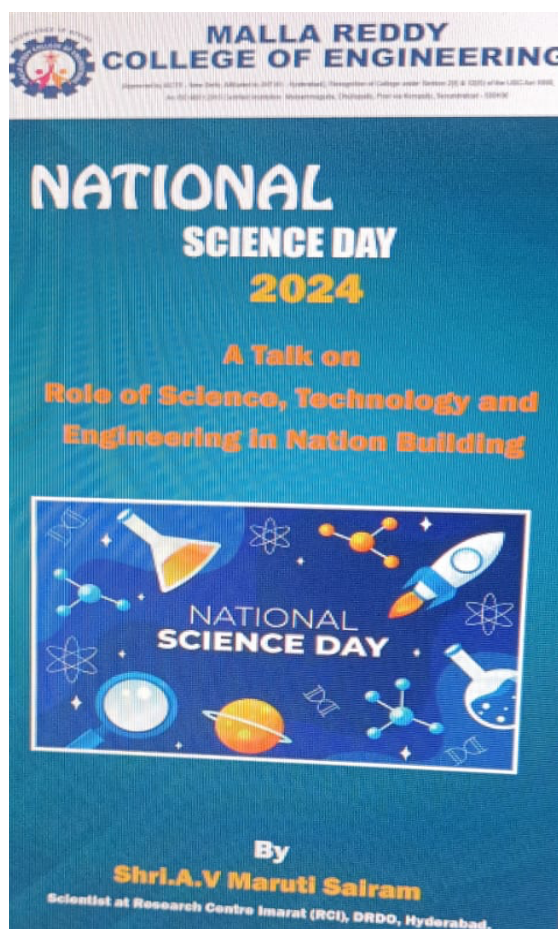
Date: 27.02.2024

Department of Humanities and Sciences
Malla Reddy College of Engineering

Venue: Seminar hall, Malla Reddy College of Engineering.

Introduction:

National Science Day 2024 Celebration was held on 27th February, 2024 for the students of Malla Reddy College of Engineering. Department of Humanities & Science, MRCE organised the programme. This day was aimed at spreading awareness about the significance of science in our daily lives and honouring the contributions of scientists towards the advancement of society. Malla Reddy College of Engineering, known for its commitment to excellence in science and technology education, celebrated National Science Day with great fervor and enthusiasm.



Importance of Science Day:

National Science Day is celebrated in India on February 28th each year to mark the discovery of the Raman Effect by Indian physicist Sir C.V. Raman in 1928. C.V. Raman made the remarkable discovery of the Phenomenon of Scattering of light in inelastic collision with molecules of matter.

This discovery revolutionized our understanding of light matter interactions and gave transformative impacts on various branches of science.

Recognizing its importance C.V. Raman was honoured with Nobel Prize in Physics in the year 1930. In 1986, Govt. of India formally declared 28th February as National Science Day and first official observation was held on 28th Feb, 1987.

This year 'Department of Science and Technology announced' a theme for National science Day celebration, and the Theme is Indigenous Technologies for "Vikshit Bharat". The theme reflects a new era of opportunity to the citizens in the field of science, technology and innovations. It promotes home-grown technologies, that lead to the nation's progress and overcome different scientific challenges. Overall, the theme stands for global science for global well being that assist our country become "Atmanirbhar India".

Event Highlights:

- **Agenda:**

<u>National Science Day celebration 2024</u>	
<i>Agenda</i>	
1. Introduction and welcoming the dignitaries on to the dais	• By Dr. Soumita Jana (Faculty, H&S, Physics, MRCE)
2. lighting the lamp by dignitaries	
3. Prayer song by:	• Students (M Sai Trisha, B. supriya, Pranaya)
4. Address by:	• Dr. Sneha Joshi (HoD, H&S, MRCE)
5. Talk by Chief Guest	• Mr. A.V. Maruti Sairam (Scientist, DRDO)
6. Felicitation of chief Guest	
7. Vote of Thanks	• M. Srikanth (Faculty, H&S, Physics, MRCE)

- **Inaugural Ceremony:**

The celebration commenced with an inaugural ceremony attended by faculty members, students, and esteemed guests.

Dr. Soumita Jana, Faculty of H&S Physics at MRCE, extended a gracious welcome to all dignitaries, faculty members, and attendees, marking the beginning of the event. The ceremony was graced by all the esteemed faculty members, chief guest, students and dignitaries.



Eminent Scientist Mr. A.V. Maruti Sairam came from DRDO Hyderabad to deliver his talk on emphasizing the importance of scientific temperament and innovation in today's world.



The chief guest was presented with a flower pot as a token of honour by G. Radhika Mam (Faculty, H&S Physics, MRCE).



Following the introduction, dignitaries were invited to light the ceremonial lamp, symbolizing the illumination of knowledge and the pursuit of scientific excellence.



A soulful prayer song was performed by students M Sai Trisha, B. Supriya, and Pranaya (1st year students, Data Sc. Department, MRCE), setting a harmonious tone for the proceedings and invoking blessings for the event.



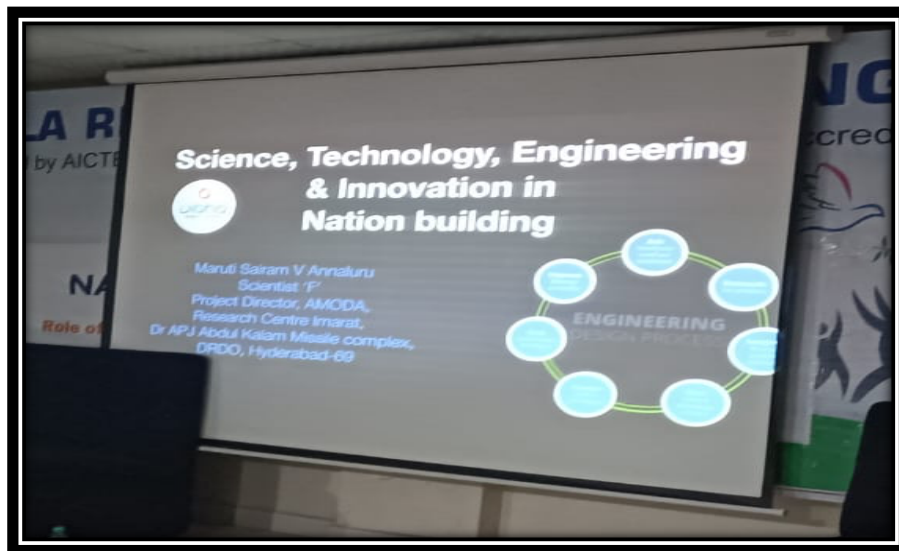
- **Address by HoD:**

Dr. Sneha Joshi, Head of H&S at MRCE, delivered an insightful address, highlighting the importance of scientific inquiry and education in shaping a progressive society. She graciously extended a warm welcome to our esteemed Chief Guest, Dr. A.V. Maruti Sairam, inviting him to share his invaluable insights with the audience.

- **Talk by Chief Guest:**

The audience was privileged to hear from Mr. A.V. Maruti Sairam, Scientist at DRDO.

A.V. Maruti Sairam Working as a scientist at Research Centre Imarat (RCI) of Dr. APJ ABDUL KALAM MISSILE COMPLEX, DRDO, Hyderabad, since 2004. Currently, Project Director of Project AMODA (Avionics Model driven Automatic code generation). Having around 20 years of experience in Embedded Real-Time software & systems design, development and testing, Software process development and certification. Developed On board mission software for various Under-water launch, Surface-launch and Air-launch missile systems. Leading the cutting-edge technologies like Model based design and automatic code generation. Before joining DRDO, Worked with MNCs like Hewlett Packard, and SHARP Engineering. He achieved so many awards and he is the founder chairman, Vitarana Foundation, an NGO working for the rehabilitation and up-liftment of the downtrodden children.



He delivered an enlightening talk on “Role of Science, Technology and engineering in National Building”.

In his address on the "Role of Science, Technology, and Engineering in Nation Building," Mr.A.V. Maruti Sairam highlighted the critical importance of these fields in driving socioeconomic progress and national development.



He emphasized how advancements in science, technology, and engineering have historically played pivotal roles in shaping the infrastructure, industries, and innovations essential for a thriving society. Mr. Sairam underscored the need for continued investment in research, education, and technological infrastructure to address contemporary challenges and propel the nation towards sustainable growth and prosperity.



He also dragged the attention to the new generation on cutting-edge scientific research and its implications for national development.



- **Felicitation of Chief Guest:**

In recognition of his valuable contributions to the field of science, Mr. A.V. Maruti Sairam was felicitated with a memento by honourable Vice-principal Sir Dr. T.V. Reddy and the organizers, expressing gratitude for his presence and insights.



- **Vote of thanks:**

In his vote of thanks, M. Srikanth sir (Assistant Prof., H&S, Physics, MRCE) expressed heartfelt gratitude to all the dignitaries, guests, participants, and organizers for their invaluable contributions towards making the National Science Day Celebration at Malla Reddy College of Engineering a grand success. He extended special thanks to Dr. A.V. Maruti Sairam for his enlightening talk on the role of science, technology, and engineering in nation-building, emphasizing its significance in shaping the future of our country. Srikanth sir acknowledged the efforts of the organizing committee, faculty members, and students for their dedication and hard work in planning and executing the event seamlessly. He also thanked the sponsors for their generous support and the audience for their active participation and enthusiasm throughout the day. Srikanth sir concluded by expressing hope for continued collaboration and innovation in advancing scientific knowledge and societal progress.

- **Feedback by Students:**

1. **K. Samanth Raj (CSE branch, MRCE):** "I thoroughly enjoyed the National Science Day Celebration at our college! The guest lectures were incredibly informative, and I gained valuable insights into the latest advancements in science and technology. The presentation was inspiring. Overall, it was a fantastic event that ignited my passion for science even more."
2. **K. Akhil (CSM branch, MRCE):** "I found the National Science Day Celebration to be both challenging and fun! It was exciting to test my knowledge of various scientific

concepts alongside my classmates. The talk from chief guest was a highlight for me, as it beautifully combined entertainment with the celebration of science. I'm grateful for the opportunity to be a part of such an enriching event."

3. B. Maithili (ECE branch, MRCE): "The National Science Day Celebration left a lasting impression on me. The guest lectures opened my eyes to the endless possibilities of scientific exploration, and I was particularly inspired by the talk given by Dr. A.V. Maruti Sairam. The interactive science exhibition was a hands-on experience that made complex concepts easy to understand. I'm thankful to the organizers for arranging such an engaging and educational event."

4. Akshitha (CSE-DS Branch, MRCE): "Attending the National Science Day Celebration was an enlightening experience for me. The prayer song performed by my friends set a serene atmosphere, and the lighting of the lamp ceremony felt symbolic of the enlightenment that science brings to our lives. I appreciated the diverse range of activities, from poster presentations to the cultural program, which made the event inclusive and enjoyable for everyone. It was a day filled with learning, inspiration, and camaraderie."

- **Conclusion:**

The National Science Day celebration at Malla Reddy College of Engineering was a resounding success, fostering a spirit of curiosity, innovation, and scientific inquiry among students and faculty members alike. Through engaging activities and insightful discussions, the event reinforced the college's commitment to promoting scientific literacy and nurturing the next generation of scientific leaders.

- **Acknowledgements:**

We extend our sincere gratitude to all the participants, organizers, volunteers, and sponsors whose contributions made the National Science Day celebration a memorable and enriching experience for everyone involved.

