DEPARTMENT OF BIOMEDICAL SCIENCE

BHARATHIDASAN UNIVERSITY

TIRUCHIRAPPALLI- 620024

REPORT ON

National Science Day Celebration 2026

National Science Day is observed every year on 28th February to commemorate the discovery of the Raman Effect by Sir C. V. Raman in 1928, for which he received the Nobel Prize in Physics in 1930. The day highlights India's scientific achievements and promotes the importance of research, innovation, and scientific temper in national development.

The Department of Biomedical Science celebrated National Science Day 2026 with great enthusiasm and academic spirit on 26th February 2026 at 11:00 AM in the A/C Seminar Hall of the Department.
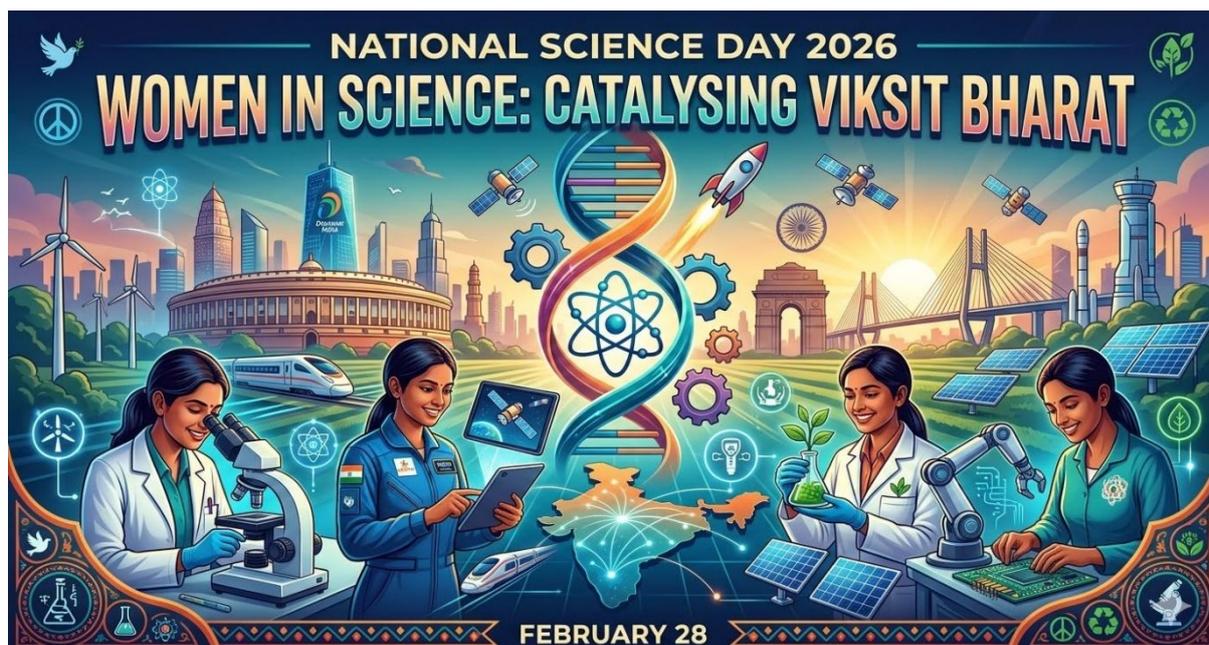
National Science Day serves as a platform to:

- Promote awareness about the role of science in everyday life.
- Encourage young minds to pursue research and innovation.
- Recognize contributions of scientists to societal progress.
- Strengthen the culture of scientific thinking and evidence-based reasoning.

Theme of National Science Day 2026

"Women in Science: Catalysing Viksit Bharat".

This theme emphasizes the role of young researchers, students, and academic institutions in driving innovation, technological advancement, and sustainable development. It aligns with India's vision of becoming a knowledge-driven and innovation-led economy by integrating Artificial Intelligence, biotechnology, digital transformation, and interdisciplinary research into mainstream development. The theme strongly resonates with the idea of translating research into real-world applications and bridging the gap between laboratory discoveries and societal implementation.

Chief Guest and Felicitation:

The Chief Guest for the celebration was Dr. P. Selvamani, Professor and Head, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli – 620024. He was formally welcomed and honoured with a shawl and memento as a token of respect and gratitude by the Head of the Department, Dr. G. Mathan and faculty members, Dr. K. Premkumar, Dr. S. D. Saraswathy and Dr. S. Shanmugaapriya.

Keynote Address:

Dr. P. Selvamani delivered an inspiring keynote lecture that perfectly aligned with the theme of empowering youth through innovation and technology.

Title: **"Innovation to Implementation: The Transformative Role of Academia in the AI Era".**

In his keynote address, he discussed India's remarkable progress in Artificial Intelligence and digital transformation, highlighting the nation's growing leadership in AI and major government initiatives such as the India AI Mission aimed at strengthening technological infrastructure and enhancing AI capacity building. He elaborated on the transformative role of AI in healthcare and biomedical sciences, including telemedicine and e-hospitals, digital health platforms supported by cloud-based data systems, AI-driven early diagnosis and digital assistants, and automation that improve accuracy while reducing costs.

He further explained the application of AI in drug discovery, biomarker identification, personalized medicine, and longevity research supported by big data analytics and omics integration. A significant portion of his lecture focused on bridging the "Valley of Death" in

research, emphasizing the urgent need to close the gap between academic discoveries and commercialization, and encouraging students and researchers to move beyond publications toward scalable, socially relevant innovations.

He also stressed the importance of developing future-ready skills such as data literacy, computational thinking, interdisciplinary collaboration, leadership, innovation mindset, continuous learning, and adaptability. His inspiring address motivated students to actively contribute to India's scientific advancement and participate meaningfully in nation-building through research and innovation.

Interactive Discussion:

The session concluded with an engaging interactive discussion where students clarified doubts and explored future opportunities in AI-biomedicine and translational research. The discussion further strengthened the relevance of this year's theme.

Vote of Thanks:

The Vote of Thanks was delivered by Dr. K. Premkumar, Professor, who expressed heartfelt appreciation to the Chief Guest, faculty members, and students for their participation and contribution.

Acknowledgement:

The Department of Biomedical Science extends sincere gratitude to:

- Dr. D. G. Mathan, Head of the Department, for his visionary leadership, constant encouragement, and support in organizing this significant academic event.
- Dr. P. Selvamani, for delivering an enriching keynote lecture that inspired students and faculty members alike.
- The organizing committee members and faculty for their dedicated efforts.
- The students and research scholars whose enthusiastic participation made the event vibrant and meaningful.

Conclusion:

The National Science Day Celebration 2026 was a grand success. The event effectively highlighted the importance of scientific innovation, Artificial Intelligence, and translational research in shaping the future of healthcare and society. It reinforced the message that empowering youth through science and technology is essential for achieving a developed and self-reliant India. The program concluded with a renewed commitment to scientific excellence, innovation, and societal responsibility.

NATIONAL SCIENCE DAY 2026

Department of Biomedical Science
School of Genetic Engineering & Biotechnology
Bharathidasan University, Tiruchirappalli-620 024

Cordially Invites you all for attending the special session on

Date and Time 26th February 2026 at 11 AM

Dr P Selvamani
Professor and Head

University College of Engineering BIT Campus,
Anna University, Tiruchirappalli 24

Venue
Seminar Hall – A/C
Department of Biomedical Science
Bharathidasan University
Tiruchirappalli–620024
Tamil Nadu, India