

# 28<sup>th</sup> NATIONAL SCIENCE EXHIBITION

**Theme**  
**PLEDGES TO MAKE**  
**INDIA**  
**A GOLDEN NATION**



Organised by

**Central Calcutta  
Science & Culture Organisation for Youth**

[Registered Under West Bengal Societies Registration Act. XXVI of 1961]

[Registered Under Section 12AB, 80G of The Income Tax Act 1961]

[Registered Under NITI Aayog (NGO's Darpan), CSR, Government of India]

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**Venue :** **Central Park Maidan**  
Salt Lake City, Kolkata-64,  
West Bengal, India

**Date :** **21- 24<sup>th</sup> August, 2025**  
**11 a.m. to 7 p.m.**

## **AIMS & OBJECTIVES**

1. To impart awareness in prevailing Science & Technology, Electronics & other sectors.
2. To foster the pursuit of Education in different fields relating to science.
3. To rouse awareness about the Culture & Heritage of the India.
4. To promote all Science developmental projects In different Sectors of the Central and State Government.
5. To arrange for lectures, workshops, seminars, exhibitions etc. at National Level relating to Science & Technology, Culture, Defence, Health, Finance, Textile, Agriculture, and other subjects and also publish papers, bulletins, magazines etc.
6. To offer trainings on Skill & Self-development.
7. To rouse awareness about the Cultural Heritage of our Country.
8. To lend a helping hand to backward, meritorious students and helpless people.
9. To observe the birthdays of the great personalities and popularize their ideals among the masses and also observe the Republic and Independence Day to generate the spirit of nationalism & patriotism.



# 28<sup>TH</sup> NATIONAL SCIENCE EXHIBITION

- **Chief Patron, National Science Exhibition** : Professor Saugata Roy, Hon'ble Member of Parliament, Lok Sabha
- **Chief Patron, Organisation** : Shri Amit Kiran Deb, IAS (Retd.) Former Chief Secretary, Government of West Bengal
- **Patron** : Shri Samar Ghosh, IAS (Retd.), Former Chief Secretary of W.B.  
Shri S.S. Chattopadhyay, IAS (Retd.), Former Secretary, Govt. of India  
Shri Joydeb Chakraborty, IPS (Retd.) and so on.
- **Chief Advisor** : Shrimat Swami Atmapriyanandaji Maharaj, Hon'ble Pro-Chancellor, RKMVERI
- **Advisor** : Professor Basudeb Barman, Former Vice Chancellor, Kalyani University Professor  
Professor Suranjan Das, Former Vice Chancellor, Calcutta & Jadavpur University  
Basab Chaudhuri, Former Vice-Chancellor, West Bengal State University  
Professor (Dr.) Nirmal Kanti Chakrabarti, Hon'ble Vice Chancellor, WBNUJS Professor  
Ratan Kumar Saha, Hon'ble Vice Chancellor, Techno India University, Tripura  
Mr. P.J. Agrawal, Hon'ble Pro-Chancellor, The Neotia University
- **President, National Science Exhibition** : Professor (Dr.) Dhruvajyoti Chattopadhyay  
Vice Chancellor, Sister Nivedita University, Kolkata
- **President, Organisation** : Professor. Alok K. Banerjee,  
Former Vice Chancellor, University of Kalyani
- **Vice President** : Professor (Dr.) D. D. Patra, Former Vice Chancellor, BCKV and  
Shri Kajal Kumar Sur
- **Chief General Secretary** : Shri Nemaï Chandra Pramanik
- **General Secretary and Treasurer** : Smt. Rita Paul
- **Addl. General Secretary** : Shri Alok Kumar Ghosh
- **Asst. General Secretary** : Shri Soumen Konar
- **Secretary, Science** : Dr. Suman Bhusan Chakraborty, CU
- **Secretary, Culture** : Shri Anupam Chattopadhyay
- **Asst. Secretary Culture** : Smt. Amita Ghosh Roy and Shri Pritisekhar
- **Executive Member** : Smt. Mohuya Saha, Shri Rajib De, Shri Chandan Ghosh
- **Scientific Executives** : Prof. Koushik Ghosh, Prof. Aniruddha Mukhopadhyay,  
Prof. Apurba Ratan Ghosh, Professor Goutam Aditya, Prof. Arunava Majumder,  
Prof. Asish Majumder, Prof. K. C. Dora, Dr. Archana Sinha, Dr. B. K. Mahapatra,  
Dr. Paromita Chakraborty, Dr. Olipriya Biswas, Dr. Animesh Kundu,  
Dr. Abhrajyoti Ghosh, Prof. Gautam Aditya and so on.
- **Senior Cultural Executives** : Shri Alak Roy Chowdhury, CA Surajit Sengupta, Shri Soumen Ghosh,  
Smt. Archana Sarkar, Shri Ashis Chatterjee, Shri Biplab Mukhopadhyay,  
Shri Debasish Dhara, Shri Basudeb Ghosh, Shri Hriday Sain, Shri Kabindra Banerjee,  
Shri Tapas Bhattacharya, Shri Anupam Ghosh, Smt. Ushashi Sengupta,  
Shri Hemanta Dandapat, Shri Biswajit Banik,  
Shri Narayan Chandra Mondal, Shri Abinash Jha and so on.
- **Cultural Executives** : Shri Shamik Mukherjee, Shri Bidyut Paul, Shri Prasenjit Ghosh, Shri Swapan Das  
Mondal, Shri Dipankar Das, Shri Avijit Ghosh, Shri Tanmoy Shaw, Shri Amit Adhikary,  
Shri Loknath Bhattacharya, Shri. Joydeep Mukherjee, Shri Anirban Acharya,  
Shri. Biplab Paul, Shri Prasad Mukherjee, Shri. Sumit Adhikary, Ms. Nidhi Agarwal,  
Ms. Komal Kurmi, Ms. Moumita Sen & so on.



## ABOUT THE 28<sup>TH</sup> NATIONAL SCIENCE EXHIBITION

The “Central Calcutta Science and Culture Organization for Youth” is the 29 years renowned organisation which has been successfully organizing the National Science Exhibition since its inception and becoming an ideal instance for the audience of West Bengal and the surrounding areas. The purpose behind this grand event is to enlighten awareness as well as changing the perspective of life for the youth and people at large, rather than to say to experience the life in terms of scientific, social, economic, academic and cultural way.

We should move forward for bigger determination for Vision of Golden India, which encompasses various aspects of development, including science & technology expansion, education & health progress, economic growth, social & moral progress, improvement of unity & culture, sense of duty, sustainability of good environment & Indian Heritage, and good governance. 'Vision Golden India ' document will outline the institutional and structural reforms that will be needed for the country to become a developed, powerful & great nation. Scientific discoveries, technological innovations and emerging technological development will bring about considerable improvement in human living and macroeconomic condition. The government is aiming to seed, nurture, and scale up scientific and industrial R&D through National Quantum Mission (NQM), which will hopefully give India a fillip in this field.

The mere prospect of a Science Exhibition is to inspire a scientific attitude in the young generation and to make them realize the relationship between science, technology and society. It aims to provide a platform for the students & youth to demonstrate such learnings that encourage the construction of knowledge by connecting new ideas to existing concepts as well as enriching one's understanding of other's experiences and perspectives. Central Calcutta Science and Culture Organisation for Youth, is going to showcase the Development of India in the 28<sup>th</sup> National Science Exhibition with the participation of different Ministries of State and Central Government. It includes different aspects of progress, including scientific innovations, scaling up skills to raise productivity. The exhibition will be self-worthy and plays a bigger role to unite the population to meet with their dreams and to make bigger vision for the future of golden India.

**The 28<sup>TH</sup> NATIONAL SCIENCE EXHIBITION will be organized with the theme of “PLEDGES TO MAKE INDIA A GOLDEN NATION” from 21<sup>st</sup> to 24<sup>st</sup> August 2025 from 11 a.m. to 7 p.m. at Central Park Maidan, Salt Lake City, Kolkata-700064, West Bengal, India. The intent of “28<sup>th</sup> National Science Exhibition” is to highlight the National and Global scientific principles to make our India more advanced. In the meantime, it would also show our strength to establish Science for an amazing & golden India.**

We will be very much pleased & proud for the active participation of Department of Science & Technology, Department of Bio-Technology, Ministry of Earth Sciences, Department of Atomic Energy, Department of Space, Department of Scientific & Industrial Research, Council of Scientific & Industrial Research, all subordinate organisations under Ministry of Science & Technology, etc. and their pledges to make India advanced by their skills, Powerful by their weapons & strong mindedness, great by their commitments and golden by their responsibility & dedication to our country, India.

We amiably invite all the Ministries, departments, PSUs of Government of India and the other states to kindly participate in this 28<sup>th</sup> National Science Exhibition and reach it to a new height of success. Likewise, this year we definitely hope that with the kind help, cooperations and support of Central and State Governments and general people, we might be able to arrange this grand event of 28<sup>th</sup> National Science Exhibition and achieve to spread our contribution to the whole country for reckoning India to become more Advanced, Powerful & Great for making our Country, India a developed, self-reliant, great, golden nation.

**Nemai Chandra Pramanik**  
Chief General Secretary

**Rita Paul**  
General Secretary

**Professor (Dr.) Dhrubajyoti Chattopadhyay**  
Vice-Chancellor, Sister Nivedita University  
President



# 28<sup>TH</sup> NATIONAL SCIENCE EXHIBITION

Theme: "PLEDGES TO MAKE INDIA A GOLDEN NATION"

Central Park Maidan, Salt Lake City, Kolkata- 700064, West Bengal, India

21<sup>st</sup> to 24<sup>th</sup> August 2025; 11a.m. to 7p.m.

- **21st August 2025**  
**Thursday**
  - : Inaugural Ceremony of 28TH NATIONAL SCIENCE EXHIBITION
  - : National Seminar on Impact of Science and Technology on Modern Society.
  - : National Seminar on Biotechnology: Current Trends, Future Aspects & Career Opportunities
  - : National Seminar on Space Science & Future of India's Space Exploration
  - : Cultural Programmes
- **22nd August 2025**  
**Friday**
  - : National Seminar on Evolution in Atomic Energy for developed India
  - : National Seminar on Climate Change and its impact on Ecosystem
  - : National Seminar on Artificial Intelligence and Its applications
  - : Cultural Programmes
- **23rd August 2025**  
**Saturday**
  - : National Seminar on CSIR, India: An Innovation Hub for Sustainable Development
  - : National Seminar on Cybersecurity in the Digital Era: Saving Our Digital Assets
  - : Empowering Indian Youth for Global Leadership in Science & Innovation for Golden India.
  - : Cultural Programmes
- **24th August 2025**  
**Sunday**
  - : National Seminar on Vigyan Se Atmanirbhar Bharat
  - : National Seminar on Pledges to Make India a Golden Nation
  - : Valedictory and Prize Distribution Ceremony
  - : Cultural Competitions and Programmes

## About The Theme 'Pledges To Make India A Golden Nation'

A vision to make India into a 'Golden Nation' is a matter of pride for us as well as a dream yet to be realized. To create a more powerful and developed India is a task we all need to undertake. The vision will certainly require radical and transformational change in the country's institutions and structures if we are to achieve the extraordinary. No country can progress without good governance and collective advancement in several fundamental areas and sectors such as scientific and technological advancement, education, health, Defence, infrastructure, and economic growth that is rooted in nationalism, ethics, humanity, and social development.

For becoming an advanced & developed nation, Science & Technology is the most important weapon as nation's first priority is scientifically development of all sectors and awakening the Science in the minds of people. So, improvement of Science & Technology, fostering collaboration between scientists and science industry, infrastructure, awareness, science education & research and encouraging young scientists, students & general people in science will be in its high.

The Calcutta Science and Culture Organization for Youth, Central Calcutta is preparing to demonstrate innovative ideas and future endeavors aimed at rejuvenating and enriching India through the 28th National Science Exhibition. Different ministries, departments and public sector units of central and state governments will also participate in that prestigious event. The National Science Exhibition is a unique opportunity to showcase India's unlimited talent and imagination in different fields.

"Pledges to Make India a Golden Nation," the topic of the 28th National Science Exhibition, covers several aspects of the nation's development. Important developmental projects carried out by the Indian government and state governments will be highlighted in this exhibition. In addition, the 28th National Science Exhibition will be crucial in maintaining the contributions made by various branches of government to the development of the country and promoting national unity. The exhibition hopes to encourage citizens to realize their dreams and create a visionary future for a golden India by uniting collective efforts. We are dedicated to carry out our duty and make the vision of a golden India a reality.