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# HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN

DAKSHINESWAR • KOLKATA - 700 035

E-mail : hmmcw35@gmail.com / Website : www.hmmcollege.ac.in

Ref. No. ....



Date 24.08.2024

## NOTICE

This is to inform all HODs and teachers of Science based departments that the 27<sup>th</sup> National Science Exhibition, as per notification received from Government of West Bengal Memo no. 2072/SSM organized by Central Calcutta Science and Cultural Organization (CCSCO) for Youth on the theme of "India: Developed Nation by 2047" will be held from 11<sup>th</sup> to 14<sup>th</sup> September, 2024, at Science City, Kolkata. All educational and research organizations (schools, colleges, universities, research institutes etc.) are encouraged to attend the event. Students are invited to participate with models allied to the theme, Individual or in a group of two may participate as communicated by CCSCO. Detailed copy of the notification has been enclosed. Kindly go through the same and communicate to your students. Please submit the names of the participants (Name, Semester, Roll No, Contact No and Email id, Topic of the model) to amritabanerjee@hmmcw.in by 30<sup>th</sup> August, 2024. Faculties who are interested to attend the inaugural session on 11<sup>th</sup> September are also requested to inform Dr. Amrita Banerjee or Dr. Indrajit Biswas by 30<sup>th</sup> August, 2024. If you have any queries or need any clarification, please contact Dr. Amrita Banerjee. Departments of participating students are requested to depute any one faculty from the Departments each day to accompany the students each day to the venue.

All concerned are requested to note and act accordingly.

*Soma Ghosh*  
*for Principal*

**Dr. Soma Ghosh**

**Principal**

*Principal*

**Hiralal Mazumdar Memorial College  
For Women**

**Dakshineswar, Kolkata-700 035**



Govt. of West Bengal  
Office of the District Magistrate & Collector  
North 24-Parganas

Memo No. 2072/SSM

Date: 08/08/2024

- To 1. The Sub-Divisional Officer,  
Barasat(S)/Barrackpore/Basirhat/Bongaon/Bidhannagar
2. The Registrar,  
West Bengal State University
3. The District Youth Officer,  
North 24 Parganas.
4. The District Inspector of Schools (Secondary)  
North 24 Parganas.
5. The Block Development Officer,  
Barrackpore-I/ Barrackpore-II/ Barasat-I/Barasat-II/Rajarhat/Amdanga/Deganga/Habra- I/Habra-II.

Sub: 27<sup>th</sup> National Science Exhibition on the theme of "India: Developed Nation by 2047".

Sir,

Please find enclosed DO Letter No. DO/2024 dated 31<sup>st</sup> July, 2024 from Hon'ble MP, Prof. Saugata Roy on the above referred subject (copy enclosed).

27<sup>th</sup> National Science Exhibition on the theme of "India: Developed Nation by 2047" will be held from 11<sup>th</sup> to 14<sup>th</sup> September 2024 from 11 AM to 7 PM at Science City, Kolkata like previous years. It will be inaugurated on 11<sup>th</sup> September 2024 and the Exhibition will remain open upto 14<sup>th</sup> September 2024. The National Science Exhibition is open to all and there is no entry fees to visit and attend the National Seminars.

Many dignitaries including Hon'ble Ministers of Government of West Bengal will deliver their speech on different subjects in the National Science Exhibition. Experts, youths and students from different places of the country will participate in the Exhibition. The programme is organized by Central Calcutta Science and Cultural Organization for Youth. Hence the Science Exhibition being of National Importance will be beneficial for the students, youths and general people of our district.

In this regard, it is requested to inform various schools, colleges, universities under your jurisdiction on the said event for their participation at the aforesaid Science Exhibition.


  
District Education Officer  
North 24-Parganas

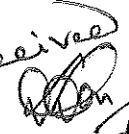
No. 2072/1/SSM

Date: 08/08/2024

Copy forwarded for information and taking necessary action to the:

1. CA to District Magistrate, North 24 Parganas with a request to apprise the same to the District Magistrate, North 24 Parganas.

  
District Education Officer  
North 24-Parganas

Received  
  
08/08/2024

**Prof. Saugata Roy**

MEMBER OF PARLIAMENT  
(LOK SABHA)



Kolkata :  
162/D/593, Lake Gardens,  
Kolkata - 700 045  
Phone : (033) 2422-0772 / 4650

Delhi :  
58, Lodhi Estate, New Delhi - 110 003  
Telefax : 011-2465 6558  
E-mail : saugatapolitics\_roy@yahoo.co.in

No: DO/2024/

ADM (4) 31 July 2024

Dear Shri Dwivediji,

As requested

02/08/24

I have the pleasure to introduce & strongly recommend the 'Central Calcutta Science & Culture Organisation for Youth', a social & philanthropic organisation doing excellent work for the last 26 years.

Every year they are organizing National level - Exhibitions, Integration Camps, Conferences, etc. at different parts of India to motivate & empower the younger generation & general people towards more positive & fruitful academic, social, economic, scientific & cultural attainment and also to inform about various aspects of different activities of the Government

This year also they are going to organize the '27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION' on the theme of "India: Developed Nation By 2047" on and from 11<sup>th</sup> to 14<sup>th</sup> September 2024 during 11 a.m. to 7 p.m. at Science City, Kolkata-700046.

I cordially invite you to be present as 'Special Guest' at the Inaugural Ceremony of 27<sup>th</sup> National Science Exhibition at 11 a.m. on 11<sup>th</sup> September 2024, otherwise you may kindly be present at any of your convenient date and time between 12<sup>th</sup> to 14<sup>th</sup> September 2024 at Science City, Kolkata-700046 if you have any preoccupied schedule.

Since it beings held for welfare of the Students & General People, so as a Chief Patron of 27<sup>th</sup> National Science Exhibition, I shall be grateful if you would kindly issue the specific advice to the Registrar, West Bengal State University, All S.D.Os, B. D.Os, District Inspector- H. S. Schools (Barrackpore & Barasat), North 24 Parganas, District Youth Coordinator, all Municipalities to issue a circular to the different offices, schools and colleges for sending students, youths and general people to visit the said 27<sup>th</sup> National Science Exhibition, and attend the National Seminars as an educational visit. There is no entry fees to visit this Science Exhibition at Science City, Kolkata.

I hope you will do the needful in this regard.

With regards & best wishes.

Yours Sincerely,

  
(Professor Saugata Roy)



PROF. SAUGATA ROY  
Member of Parliament  
(Lok Sabha)

Shri Sharad Kumar Dwivedi  
District Magistrate & District Collector  
North 24 Pargana, Barasat  
Kolkata—700124

# Draft

Memo No:

Date:

**From: District Magistrate & Collector  
North 24 Parganas**

To

1. The Sub-divisional Magistrate  
Barasat, Barrackpore, Basirhat, Bangaon, Bidhannagar
2. The Registrar,  
West Bengal State University
3. The District Youth Officer,  
North 24 Parganas.
4. The District Inspector of Schools (Secondary)  
North 24 Parganas.
5. The District Youth Co-ordinator,  
North 24 Parganas.
6. The Block Development Officer,  
Barrackpore-I/Barrackpore-II/Barasat-I/Barasat-II/Rajarhat/Amdanga/Deganga/Habra-I/Habra-II

Sir,

Like previous years 27<sup>th</sup> National Science Exhibition on the theme of "India: Developed Nation by 2047" will be held from 11<sup>th</sup> to 14<sup>th</sup> September 2024 from 11 am to 7 p.m. at Science City, Kolkata. It will be inaugurated on 11<sup>th</sup> September 2024 and the Exhibition will remain open from 14<sup>th</sup> September 2024 from 11 am. to 7 p.m. The National Science Exhibition is open to all and there are no entry fees to visit & to attend the National Seminars.

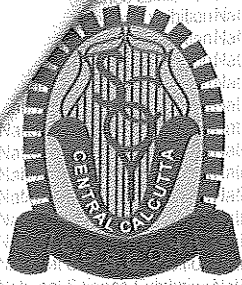
Many dignitaries including Hon'ble Minister of Government of India and Government of West Bengal will be speaking on different subjects in the National Science Exhibition daily. Experts, youths and students from different places of the country will participate in the National Science Exhibition. The programme is organized by Central Calcutta Science and Culture Organisation for Youth. Hence the Science Exhibition being of National Importance will be beneficial for the students, youths and general people of our district.

Therefore, you are requested to inform concerned organizations, schools, colleges, universities under your jurisdiction and ensure their participation at the aforesaid Science Exhibition. To make the visit more organized, the host organization may be conducted in advance (Tel no:8910399438)

Yours faithfully,

**District Magistrate & Collector  
North 24 Parganas  
Date:**





(Govt. Regd.)

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

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 Darpan) & CSR, Govt. of India]

'Ananda Bhaban', 10D, Ananda Palit Road, Entally, Kolkata - 700 014

'Spandan', 11/2, S. N. Banerjee Road, BKP, Kolkata - 700 120

Tel : 033 7148 1515 / 2265 0116; Tel & Fax : 033 2592 5284; M : 8910399438 / 9831109386

E-mail : [nationalexhibition@rediffmail.com](mailto:nationalexhibition@rediffmail.com), [ccscoy@rediffmail.com](mailto:ccscoy@rediffmail.com); Website : [www.ccscoy.in](http://www.ccscoy.in)

Ref. No. 27<sup>TH</sup> N.S.E./2024/05

25<sup>th</sup> July 2024

To  
Shri Sharad Kumar Dwivedi, IAS  
District Magistrate & District Collector  
North 24 Pargana, Barasat  
Kolkata—700124

**Ref: Professor Saugata Roy, Hon'ble Member of Parliament, Lok Sabha & Chief Patron, National Science Exhibition.**

**Sub: Request for your kind Presence, Help & Co-operation for the 27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION on and from 11<sup>th</sup> to 14<sup>th</sup> September at Science City, Kolkata.**

Respected Sir,

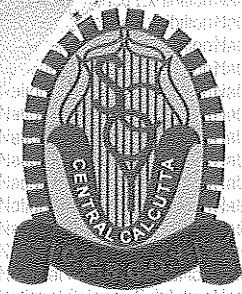
The 'Central Calcutta Science & Culture Organisation for Youth' is a reputed social, voluntary, philanthropic and science & culture-based activity-oriented, registered Organisation. We are carrying and on untiring efforts to promote interest in Science & Culture among the youths since our birth in 1996. The organisation regularly arranges for National seminars, workshops, trainings on self-development, lectures, debates, NATIONAL SCIENCE EXHIBITIONS as a part our dedicated service to the greater community.

For the last 26 years, the 'Central Calcutta Science & Culture Organisation for Youth' has organized National Science Exhibition at different places in West Bengal. The main objectives of this National Science Exhibition, to create awareness & proliferation in science, to provide a great platform to participating departments & PSUs to fulfill their aims, to inform the students & youths, academicians, scholars, scientists and general public about the latest developments of the country and the achievements of the different Government Departments and Public Sectors in their respective fields. The National Science Exhibition is enthusiastically attended by thousands and thousands of visitors from different areas in India who acquire immense knowledge on different subject matter.

We take this opportunity to inform you that like every year, this year too we are planning to organize the '27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION' on the theme of "INDIA: DEVELOPED NATION BY 2047" from 11 a.m. to 7 p.m. on and from 11<sup>th</sup> to 14<sup>th</sup> September, 2024 at Science City, Kolkata-700046. This exhibition is totally educational & scientific and also it is being held for the awareness in Science & Technology as well as changing the perspective of life at large.

On the occasion of the '27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION', a series of National Seminars like Vision: Science and Technology by 2047, Innovation hub for Green India, Indian Space Industry Moving Towards Atmanirbharta, Nuclear Power in the 21<sup>st</sup> Century & Development in Atomic Energy, Earth Observation and Global Positioning System, Cyberlaws, Cyber Security & its Resilience, Science Learning and Technology Transfer, Artificial Intelligence & Machine Learning, Biotechnology: Current Trends & Future Aspects, Cultural Heritage of India & Its Preservation, India: Developed Nation By 2047, etc. will be held and also felicitation of Eminent Scientists, Cultural Personalities and various educative and scientific competitions and programmes will be held at the auditorium of this exhibition.

Contd.....



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

Organised by

**CENTRAL CALCUTTA**

**SCIENCE & CULTURE ORGANISATION FOR YOUTH**

[Registered Under West Bengal Societies Registration Act, XXVI of 1961,

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Tel : 033 7148 1515 / 2265 0116; Tel & Fax : 033 2592 5281; M : 8910399438 / 9831109386

E-mail : [nationalexhibition@rediffmail.com](mailto:nationalexhibition@rediffmail.com), [ccscoy@rediffmail.com](mailto:ccscoy@rediffmail.com); Website : [www.ccscoy.in](http://www.ccscoy.in)

We are also glad to intimate you that, Ministries of Science & Technology, Space, Atomic Energy, Earth Science, Defence, Power, Agriculture, Communications & Information Technology, Culture, Commerce & Industry, Finance, Textiles, Shipping, Environment & Forests, Health & Family Welfare, Coal & Mines, Steel, Information & Broadcasting, Non-conventional Energy Sources, Urban Development & Poverty Alleviation, and Home Affairs etc., are likely to participate in our 27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION, and they will exhibit the service rendered by them for the advancement of the Nation, the knowledge of which will be of immense help to all sections of the society.

We have the pleasure to inform you that every day Hon'ble Ministers from Government of India and Government of West Bengal, Member of Parliaments, Secretaries to the Govt. of India, Eminent Scientists, Professors, Academicians, Govt. High Officials and Distinguished Cultural Personalities will visit the said National Science Exhibition.

In this connection, we have the pleasure to cordially invite you to kindly be present as our Special Guest at the Inaugural Ceremony of '27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION' on 11<sup>th</sup> September 2024 at 11 a.m. otherwise any of your convenient date and time between 12<sup>th</sup> to 14<sup>th</sup> September 2024 at Science City, Kolkata. We will be extremely gratified if you spare your valuable time at the 27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION. Your esteemed presence will be a matter of great pride and encouragement to us and will help to make our National Exhibition a great success.

We shall be highly obliged if you kindly issue the specific advice to the Registrar, West Bengal State University, All S.D.Os, B.D.Os, District Inspector- H. S. Schools (Barrackpore & Barasat), North 24 Parganas, District Youth Coordinator, all Municipalities to issue a circular to the different offices, schools and colleges for sending students, youths and general to visit the said 27<sup>th</sup> National Science Exhibition, and attend the National Seminars.

So, for the success of the above National Science Exhibition, we greatly rely on your kind cooperation and patronage to make our programme a great success, without your help we have no other alternative and therefore we earnestly request you to extend your kind hand to help us to make our National Science Exhibition a success and bind us in eternal obligation to you.

Thanking you in anticipation.

Yours Sincerely,

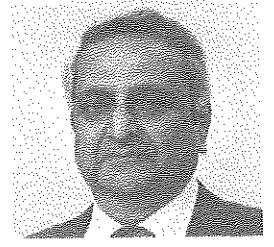
Nemai Chandra Pramanik  
Chief General Secretary  
National Science Exhibition



Professor (Dr.) Dhrubajyoti Chattopadhyay, VC, SNU  
President  
National Science Exhibition



**Amit Kiran Deb, IAS (Retd.)**  
Former Chief Secretary, Government of West Bengal  
DA 38, Sector 1, Salt Lake, Kolkata 700 064  
Phones: 6290052474 / 9433693532  
E-mail: amitkirandeb@gmail.com



Kolkata, March 10, 2022

I am delighted to note that **Central Calcutta Science and Cultural Organisation (CCSCO) for Youth** completed 25 years of its remarkable journey on September 18, 2021 and is currently holding its year-long Silver Jubilee celebrations in a befitting manner.

This organisation is dedicated to the task of making the youth conscious about the cultural heritage of our country and imparting awareness about the overriding importance of science and technology in the life of an individual and the Nation. In pursuit of this noble objective, it is engaged in a wide range of activities which includes holding National Seminars, workshops, training courses, national level exhibitions, national integration camps in different parts of the country - to name a few only. In addition, it also undertakes a number of philanthropic activities on a regular basis for the benefit of the poor and needy.

The seminars and workshops it has held during the last two decades and a half, covered subjects like application of technology in rural development, climate change, health-care and alternative systems of medicine, Communication and Information Technology, cyber security, fisheries and waste recycling – a list which is really mind-boggling! What is remarkable about these seminars, events and exhibitions is that these are all very well-organised and well-attended.

Inspired and guided by a number of eminent persons, this organization, since its establishment, has marched ahead with confidence in successfully organizing and promoting a variety of socially beneficial programmes and activities described above and set a track record which is blemishless. In this Silver Jubilee Year, it has taken a pledge to further enlarge its activities, reach out to a much larger number of youth and intensify its interaction with the target groups. Its focus is to motivate the youth of the country to attain their full creative potential and dedicate themselves to the service of the Nation.

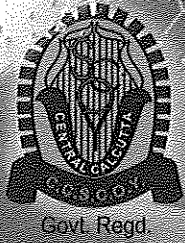
It is true that behind the spectacular success of this organisation, there is a dedicated group of young men and women who are working tirelessly in carrying forward its mission; however, one must specifically mention the vision, organizing ability and leadership quality of two outstanding individuals – Shri Nemai Chandra Pramanik, Chief General Secretary and Shimati Rita Paul, General Secretary and Treasurer of CCSCOY.

I wish them, all the office bearers and those associated with this unique organization success.

A handwritten signature in black ink, appearing to read 'Amit Kiran Deb'.

Amit Kiran Deb  
Chief Patron, CCSCO





# 27<sup>TH</sup>

## NATIONAL SCIENCE EXHIBITION

### THEME

**India : Developed Nation by 2047**

11<sup>th</sup> to 14<sup>th</sup> September 2024 | 11 am to 7 pm  
Science City, Kolkata-700046, India

Organised by

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

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

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Telephone: 033 7148 1515 / 033 2592 5281, Fax: 033 2592 5281

Mobile: 8910399438 / 9831109386 / 9540954377

E-mail: [nationalexhibition@rediffmail.com](mailto:nationalexhibition@rediffmail.com) / [ccscoy@rediffmail.com](mailto:ccscoy@rediffmail.com)

Visit us: [www.ccscoy.in](http://www.ccscoy.in)

### Aims & Objectives

- 1) To impart awareness in prevailing Science & Technology, Electronics & others sectors.
- 2) To foster the pursuit of Education in different fields relating to science.
- 3) To promote all Science developmental projects in different Sectors of the Central and State Government.
- 4) 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.
- 5) To offer trainings on Skill & Self-development.
- 6) To rouse awareness about the Cultural Heritage of our Country.
- 7) To lend a helping hand to backward, meritorious students, the aged, sick and helpless people.
- 8) 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.



# Central Calcutta Science & Culture Organisation For Youth

Chief Patron, National Exhibition & National Integration Camp	: 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
Patrons	: Shri Samar Ghosh, IAS (Retd.), Former Chief Secretary of W.B. Shri S.S. Chattopadhyay, IAS (Retd.), Former Secretary, Govt. of India Shri G.K. Pillai, IAS (Retd.), Former Home Secretary, Govt. of India Shri Sunil Mitra, IAS (Retd.), Former Revenue Secretary, Govt. of India Shri Joydeb Chakraborty, IPS (Retd.), and so on.
Chief Advisor	: <b>Shrimat Swami Atmapriyanandaji Maharaj, Hon'ble Pro Chancellor, RKMVERI</b>
Advisors	: Professor Basudeb Barman, Former Vice Chancellor, University of Kalyani Professor Suranjan Das, Hon'ble Vice Chancellor, Jadavpur University Professor Ashutosh Ghosh, Former Vice Chancellor, University of Calcutta Professor Susanta Kumar Chakraborty, Hon'ble Vice Chancellor, Vidyasagar University Professor Goutam Chandra, Hon'ble Vice Chancellor, The University of Burdwan Professor Sauren Bandyopadhyay, Hon'ble Vice Chancellor, West Bengal State University Professor Shyam Sundar Dana, Hon'ble Vice Chancellor, WB University of Animal & Fishery Sciences Professor Goutam Saha, Hon'ble Vice Chancellor, Bidhan Chandra Krishi Viswavidyalaya Professor (Dr.) Nirmal Kanti Chakrabarti, Hon'ble Vice Chancellor, WBNUJS Professor Ratan Kumar Saha, Hon'ble Vice Chancellor, Techno India University, Tripura Professor Amalendu Bhunia, Hon'ble Vice Chancellor, University of Kalyani Mr. P. J. Agrawal, Hon'ble Pro-Chancellor, The Neotia University
President, National Exhibition	: <b>Professor (Dr.) Dhruvajyoti Chattopadhyay</b> <b>Vice Chancellor, Sister Nivedita University, Kolkata</b>
President, Organisation	: <b>Professor Alok K. Banerjee, Former Vice Chancellor, University of Kalyani</b>
Vice President	: Professor (Dr.) D. D. Patra, Ex-Vice Chancellor, BCKV and Shri Kajal Kumar Sur
Chief General Secretary	: Shri Nema 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 & Shri Pritisekhar
Executive Members	: Smt. Mou Pramanik, Smt. Mohuya Saha and Dr. Archisman Pramanik
Council Members	: Shri Rajib De And Shri Chandan Ghosh
Scientific Executives	: Prof. Koushik Ghosh, Prof. Aniruddha Mukhopadhyay, Prof. Apurba Ratan Ghosh 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	: CA Surajit Sengupta, Shri Prabir Kumar Basu, Shri Soumen Ghosh, Shri Alak Roy Chowdhury, Smt. Archana Sarkar, Shri Prithvijit Ghosh, Shri Kabindra Banerjee, Shri Biplab Mukhopadhyay, Shri Debasish Dhara, Shri Basudeb Ghosh, Shri Tapas Bhattacharjee, Shri Arindam Mukherjee, Smt. Ushashi Sengupta, Shri Shamik Mukherjee, Shri Hemanta Dandapat, Shri Biswajit Banik, Shri Narayan Chandra Mondal, Shri Subrata Sarkar and so on.
Cultural Executives	: Shri Bidyut Paul, Shri Prasenjit Ghosh, Shri Swapan Das Mondal, Shri Avijit Ghosh, Shri Dipankar Das, Shri Tanmoy Shaw, Shri Loknath Bhattacharya, Shri Amit Adhikary, Smt. Anasri Dey Barik, Shri Joydeep Mukherjee, Shri. Biplab Paul, Shri Prasad Mukherjee, Shri Sumit Adhikary, Ms. Nidhi Agarwal, Ms. Komal Kurmi, Ms. Angana Das, Ms. Khusboo Kumari Prasad and Ms. Moumita Sen. so on.



# ABOUT THE 27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION

The "Central Calcutta Science and Culture Organization for Youth" is the 26 years renowned organisation which has been successfully organizing the National Science Exhibition since its inception and becoming a role model for the audience of Kolkata 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.

Vision of India encompasses various aspects of development, including economic growth, social progress, environmental sustainability and good governance. In 2047, India will complete 100 years as Republic Nation. 'Vision India 2047' document will outline the institutional and structural reforms that will be needed for the country to become a developed nation by 2047. 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). This 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. Items 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 27<sup>th</sup> National Science Exhibition with the participation of different Ministries of State and Central Government. It encompasses various aspects of development, including economic growth, and scientific innovations, scaling up skills to raise productivity. The exhibition will be a self-worthy and plays a bigger role to unite the population to meet with their dreams and to make bigger visions for the future of India.

**The 27<sup>th</sup> NATIONAL SCIENCE EXHIBITION will be organized with the theme of "INDIA: DEVELOPED NATION BY 2047" from 11<sup>th</sup> to 14<sup>th</sup> September 2024 from 11 am to 7 pm at Science City, Kolkata-700046, West Bengal, India. The intent of "27<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 up our strength to establish Science for a stupendous 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 dedications to make India advanced by their skills, Powerful by their scientific knowledge and great by their nature and commitment.

We amiably invite all the Ministries, departments, PSUs of Government of India and the other states to kindly participate in this 27<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 27<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, modern, self-reliant, great Nation.

**Nemat Chandra Pramanik**  
Chief General Secretary

**Rita Paul**  
General Secretary

**Professor (Dr.) Dhrubajyoti Chattopadhyay**  
President



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

Theme: "INDIA: DEVELOPED NATION BY 2047"

Science City, Kolkata- 700046

11<sup>th</sup> to 14<sup>th</sup> September 2024 ; 11 am to 7 pm

## Programmes

11<sup>th</sup> September 2024 • Wednesday

Inaugural Ceremony of 27<sup>TH</sup> NATIONAL SCIENCE EXHIBITION  
National Seminar on Vision: Science and Technology by 2047  
National Seminar on Innovation hub for Green India  
National Seminar on Indian Space Industry Moving Towards  
Atmanirbharta  
Cultural Programmes

12<sup>th</sup> September 2024 • Thursday

National Seminar on Nuclear Power in the 21<sup>st</sup> Century & Development in  
Atomic Energy  
National Seminar on Earth Observation and Global Positioning System  
National Seminar on Cyberlaws, Cyber Security & its Resilience  
Cultural Programmes

13<sup>th</sup> September 2024 • Friday

National Seminar on Science Learning and Technology Transfer  
National Seminar on Artificial Intelligence & Machine Learning  
National Seminar on Biotechnology: Current Trends & Future Aspects  
Cultural Programmes

14<sup>th</sup> September 2024 • Saturday

National Seminar on Cultural Heritage of India & Its Preservation  
National Seminar on India: Developed Nation By 2047  
Valedictory and Prize Distribution Ceremony  
Cultural Competitions and Programmes

## ABOUT THE THEME

## "INDIA: DEVELOPED NATION BY 2047"

In 2047, India will complete 100 years as a Republic. 'Vision India 2047' document will outline the institutional and structural reforms that will be needed for the country to become a developed nation by 2047. To become a developed country by 2047, India will definitely enrich their Science & Technology by adding more institute, industrial research as well as it will take over all the preconception and show awareness in all aspect to grow and evolve. Government of India state that India's economic growth is a "natural by-product and it will be a developed nation by 2047 without "corruption, casteism and communalism".

Central Calcutta Science and Culture Organisation for Youth is going to showcase the Development of India in the 27<sup>th</sup> National Science Exhibition with the participation of different Ministries of state and Central Government. The theme of the Exhibition 2024 is "INDIA: DEVELOPED NATION BY 2047", encompassing various aspects of development, including economic growth. The exhibition will be a self- worthy and play a bigger role to unite the population to meet with their dreams and to make bigger visions for the future of India.