



**30th
West Bengal
State Science & Technology
Congress, 2023**

28th February & 1st March, 2023

Organised by
**Department of
Science and Technology and Biotechnology
Government of West Bengal**

Jointly with

**Cooch Behar Panchanan Barma
University, Cooch Behar**

University of Gour Banga, Malda

West Bengal State University, Barasat

Maulana Azad College, Kolkata

**Raja N L Khan Women's College,
Medinipur**

Bankura University, Bankura

The University of Burdwan, Burdwan

INTRODUCTION

The 30th West Bengal State Science and Technology Congress, 2022-2023 will be organised by Department of Science & Technology and Biotechnology, Government of West Bengal. Seven Regional Science & Technology Congresses across the State will be organised as a part of the programme in collaboration with i) Cooch Behar Panchanan Barma University, Cooch Behar, ii) University of Gour Banga, Malda, iii) West Bengal State University, Barasat, iv) Maulana Azad College, Kolkata, v) Raja Narendra Lal Khan Women's College, Medinipur, vi) Bankura University, Bankura, vii) The University of Burdwan, Burdwan. Selected papers from these Regional Science & Technology Congresses will be presented in the West Bengal State Science & Technology Congress, 2022-2023. To encourage the young researchers, there will be Awards and Certificates both at the Regional and State levels.

OBJECTIVE

The primary aim of the West Bengal State Science & Technology Congress is to provide a forum for Scientific Research especially for young scientists and to synergise new ideas with societal needs.

REGIONS, ORGANISERS AND VENUE

This year the Department of Science & Technology and Biotechnology, Government of West Bengal will be organising the **5th Regional Science & Technology Congress** in seven regions with the following as partner Institutes:

| Composition of Regions | Venue (Partner Institutes) |
|---|---|
| Region 1: Jalpaiguri, Alipurduar, Darjeeling, Kalimpong, Cooch Behar | Cooch Behar Panchanan Barma University |
| Region 2: Murshidabad, Maldah, Uttar Dinajpur and Dakshin Dinajpur | University of Gour Banga, Malda |
| Region 3: Nadia and North 24 Parganas | West Bengal State University, Barasat |
| Region 4: Kolkata, Howrah and South 24 Parganas | Maulana Azad College, Kolkata |
| Region 5: Paschim Medinipur and Purba Medinipur, and Jhargram | Raja Narendra Lal Khan Women's College, Medinipur |
| Region 6: Puruliya, Bankura, Birbhum | Bankura University, Bankura |
| Region 7: Purba Bardhaman, Paschim Bardhaman, Hooghly | The University of Burdwan, Burdwan |

30th West Bengal State Science & Technology Congress

Venue:- Science City, Kolkata, Date: - 28th February, 2023 -1st March, 2023

SUBMISSION OF ABSTRACTS

Abstracts of unpublished scientific research papers proposed to be presented at the 30th Science & Technology Congress, 2022-2023 are invited in Physics, Chemistry, Mathematics, Medical Science, Environmental Science, Earth Science, Botany, Zoology, Physiology, 'Agriculture-Fisheries and Animal Science', Engineering, 'Social Sciences and IPR'. These abstracts are to be submitted in English to facilitate peer review. Abstracts of Scientific Research Paper should not exceed 200 words. For further details visit <https://dstbt.bangla.gov.in/vigyanchetana/>. Last date of submission of abstracts: **15th November, 2022.**

To upload abstracts, the authors are requested to register online through the respective Regional Science & Technology Congress sections available at <https://dstbt.bangla.gov.in/vigyanchetana/>. Only selected papers from seven Regional Science & Technology Congresses will be presented in the West Bengal State Science & Technology Congress, 2023. List of selected papers from the seven Regional Science & Technology Congresses (which will be held at Cooch Behar, Malda, Barasat, Kolkata, Medinipur, Bankura and Burdwan from December, 2022 - January, 2023) will be published in <https://dstbt.bangla.gov.in/vigyanchetana/>.

Candidates are requested to submit their abstract only in one Region. If a candidate is found to have registered/ submitted abstract in more than one Region, his/her abstract is liable to be cancelled. The Region of the Participants for presenting the paper will be determined by the current institute of the Presenting Author or the location of the Institute last attended by him/her.

OUTSTANDING PAPER AWARD

To encourage the young researchers there will be Outstanding Paper Award at Regional Congresses. The awardees at Regional Science & Technology Congresses will be invited to participate in the State Science and Technology Congresses wherein Outstanding Papers will be awarded. In the Regional and State Science and Technology Congresses, the Outstanding Papers Award carries a Certificate, Memento and a cash prize.

SESSIONS OF THE STATE SCIENCE & REGIONAL SCIENCE & TECHNOLOGY CONGRESSES

Technical Sessions

There will be twelve technical sessions covering all branches of science: Physics, Chemistry, Mathematics, Medical Science, Environmental Science, Earth Science, Botany, Zoology, Physiology, 'Agriculture-Fisheries and Animal Science', Engineering, 'Social Sciences and IPR'. A panel of experts will select papers for Oral presentations for each subject area and sub-topics.

Memorial Lecture

Since 1994 an eminent scientist is invited to deliver a lecture to commemorate Prasanta Chandra Mahalanobis, named as 'Prasanta Chandra Mahalanobis Smriti Baktrita' every year during the State Science & Technology Congress. This year also an eminent scientist will deliver a lecture. The Lecture

will be of popular nature on some current topics. Similar Lectures will be arranged in Regional Congresses also.

State Awards

Different State Awards, viz., 'Meghnad Puraskar' for Best Popular Science Organisation in the State, 'Satyendra Puraskar' for writing Best Popular Bengali Science Book, 'Gopal Chandra Bhattacharyya Smriti Puraskar' to an individual for his/her outstanding contribution in the field of science popularisation in the State and 'State Innovation Award' are handed over to the awardees along with cash prize during this State Science & Technology Congress.

Meet the Scientists

A special session will be arranged during the Science & Technology Congress for the interaction of young scientists and students with eminent scientists and researchers.

Panel Discussion

A panel discussion will be arranged to discuss the present state of scientific research in West Bengal and the need for future scientific research from the societal point of view.

Children's Science Session

Students from each district of West Bengal selected through district level competition to be held during Children's Science Congress will be invited to present their project work during the Children's Science Session of the 30th West Bengal Science and Technology Congress.

SCIENTIFIC MODEL COMPETITION FOR THE COLLEGE STUDENTS AND ABOVE

Scientific Model Competition for the College Students and above will be organised in every Regional Science and Technology Congress. Interested participants will submit abstract about their model to the host institutions within **30th November, 2022** through Google Form. The links for submission of abstract for Innovative Model Competition can be found in the Vigyan Chetana portal.

Regionwise Link for Model Submission:

| Region | Districts | Link for Model Submission |
|---------------|--|---|
| Region 1 | Jalpaiguri, Alipurduar, Darjeeling, Kalimpong, Cooch Behar | https://docs.google.com/forms/d/e/1FAIpQLSdJyXJVE_rsSEW9WLbg3MxzAIRK7CdCewV4xOsd6eNEoYmyvw/viewform?pli=1 |
| Region 2 | Murshidabad, Maldah, Uttar Dinajpur and Dakshin Dinajpur | https://forms.gle/8fMUJTDwafaSg5qF6 |
| Region 3 | Nadia and North 24 Parganas | https://forms.gle/F1a7Z92wqH4Nz2k5A |
| Region 4 | Kolkata, Howrah and South 24 Parganas | https://forms.gle/nttZKvWkEbYhqXi4A |

| | | |
|----------|---|---|
| Region 5 | Paschim Medinipur and Purba Medinipur, and Jhargram | https://forms.gle/tYeEjzIcPnc5IDDD6 |
| Region 6 | Puruliya, Bankura, Birbhum | https://forms.gle/e1KvNpwn5mUkdjzC8 |
| Region 7 | Purba Bardhaman, Paschim Bardhaman, Hooghly | https://forms.gle/BKjdGzRiXXveCTdWA |

IMPORTANT DATES

Last date of submission of abstracts : 15th November, 2022
5th Regional Science & Technology Congress – **Region 1** : 17th -18th January, 2023 **
5th Regional Science & Technology Congress – **Region 2** : 11th - 12th January, 2023 **
5th Regional Science & Technology Congress – **Region 3** : 19th - 20th January, 2023 **
5th Regional Science & Technology Congress – **Region 4** : 09th -10th December, 2022 **
5th Regional Science & Technology Congress – **Region 5** : 12th - 13th January, 2023 **
5th Regional Science & Technology Congress – **Region 6** : 17th - 18th December, 2022 **
5th Regional Science & Technology Congress – **Region 7** : 16th - 17th December, 2022 **
30th State Science & Technology Congress–**Kolkata** : 28th February- 1st March, 2023

** Dates are tentative

ACCOMMODATION

The participants in dire need of accommodation only are requested to inform the same during **the online registration** process. Limited accommodation may be arranged for outstation participants.

REGISTRATION FEE: NIL

Website: <https://dstbt.bangla.gov.in/vigvanchetana/>

LAST DATE OF SUBMISSION OF ABSTRACTS: 15th November, 2022