



# 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 30<sup>th</sup> West Bengal State Science and Technology Congress, 2022-2023 will be organised by the 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 5<sup>th</sup> Regional Science & Technology Congress in seven regions with the following as partner Institutes:

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

## 30<sup>th</sup> West Bengal State Science & Technology Congress

Venue:-Science City, Kolkata, Date: - 28<sup>th</sup> February, 2023 -1<sup>st</sup> March, 2023

## SUBMISSION OF ABSTRACTS

Abstracts of unpublished scientific research papers proposed to be presented at the 30<sup>th</sup> 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: **15<sup>th</sup> 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 30<sup>th</sup> 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 an abstract about their model to the host institutions within **30<sup>th</sup> 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	<a href="https://docs.google.com/forms/d/e/1FAIpQLSdJyXjVE_rsSEW9WLbg3MxzAIRK7CdCewV4xOsd6eNEoYmyyw/viewform?pli=1">https://docs.google.com/forms/d/e/1FAIpQLSdJyXjVE_rsSEW9WLbg3MxzAIRK7CdCewV4xOsd6eNEoYmyyw/viewform?pli=1</a>
Region 2	Murshidabad, Maldah, Uttar Dinajpur and Dakshin Dinajpur	<a href="https://forms.gle/8fMUJTDwafaSg5qF6">https://forms.gle/8fMUJTDwafaSg5qF6</a>
Region 3	Nadia and North 24 Parganas	<a href="https://forms.gle/F1a7Z92wqH4Nz2k5A">https://forms.gle/F1a7Z92wqH4Nz2k5A</a>
Region 4	Kolkata, Howrah and South 24 Parganas	<a href="https://forms.gle/nttZKvWkEbYhqXi4A">https://forms.gle/nttZKvWkEbYhqXi4A</a>
Region 5	Paschim Medinipur and Purba Medinipur, and Jhargram	<a href="https://forms.gle/tYeEjzJcPnc5JDDD6">https://forms.gle/tYeEjzJcPnc5JDDD6</a>
Region 6	Puruliya, Bankura, Birbhum	<a href="https://forms.gle/e1KvNpwn5mUkdjzC8">https://forms.gle/e1KvNpwn5mUkdjzC8</a>
Region 7	Purba Bardhaman, Paschim Bardhaman, Hooghly	<a href="https://forms.gle/BKjdGzRiXXveCTdWA">https://forms.gle/BKjdGzRiXXveCTdWA</a>

## IMPORTANT DATES

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

**LAST DATE OF SUBMISSION OF ABSTRACTS: 15<sup>th</sup> November, 2022**