



**26<sup>th</sup>  
West Bengal  
State Science & Technology  
Congress, 2019**

**28<sup>th</sup> February & 1<sup>st</sup> March, 2019**

*Organised by*

**Department of Higher Education,  
Science and Technology and Biotechnology**  
(Science & Technology and Biotechnology Branch)  
**Government of West Bengal**

*Jointly with*



**SIDHO-KANHO-BIRSHA UNIVERSITY**  
**Purulia (Western Region)**  
**20 - 21 December, 2018**

**Jalpaiguri Government Engineering College**  
**Jalpaiguri (Northern Region)**

**Bidhannagar College**  
**Salt Lake (Southern Region)**



## INTRODUCTION

The 26<sup>th</sup> West Bengal State Science and Technology Congress, 2019 will be organized by Department of Higher Education, Science & Technology and Biotechnology, Government of West Bengal. Three Regional Science & Technology Congresses in the three regions (erstwhile while three administrative divisions) of the State will be organized as a part of the program. Selected papers from three Regional Science & Technology Congresses will be presented in the West Bengal State Science & Technology Congress, 2019. To encourage the young researchers, there will be Awards and Certificates both at Regional and State levels.

## OBJECTIVE

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

## ORGANIZERS

Department of Higher Education, Science & Technology and Biotechnology, Government of West Bengal is organising the 26<sup>th</sup> West Bengal State Science & Technology Congress jointly with **Sidho-Kanho-Birsha University, Purulia (Western Region)**, Jalpaiguri Government Engineering College, Jalpaiguri (Northern Region) and Bidhannagar College, Salt Lake (Southern Region) as partner institutes for 3<sup>rd</sup> Regional Science & Technology Congresses.

## VENUE & DATE

### 3<sup>rd</sup> Regional Science & Technology Congress

**WESTERN REGION - SIDHO KANHO BIRSHA UNIVERSITY, PURULIA** : December 20-21, 2018

Southern Region – Bidhannagar College, Salt Lake : December 18- 19, 2018

Northern Region – Jalpaiguri Govt Engineering College, Jalpaiguri : December 12 - 13, 2018

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

Science City, Kolkata: 28<sup>th</sup> February – 1<sup>st</sup> March, 2019

## SUBMISSION OF ABSTRACTS

Abstracts of unpublished scientific research papers proposed to be presented at the 26<sup>th</sup> Science & Technology Congress, 2019 are invited in Physics, Chemistry, Mathematics, Medical Science, Environmental Science, Earth Science, Botany, Zoology, Physiology, 'Agriculture-Fisheries and Animal Science', Engineering, 'Social Science and IPR' etc. 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 please visit [www.vigyanchetana.in](http://www.vigyanchetana.in) or [www.skbu.ac.in](http://www.skbu.ac.in). Last date of submission of abstracts: 2<sup>nd</sup> November, 2018.

To upload abstracts, the authors are requested to register online through the links for respective Regional Science & Technology Congress available at <http://vigyanchetana.in/2018-19/register-west/>.

Only selected papers from three Regional Science & Technology Congresses will be presented in the 26<sup>th</sup> West Bengal State Science & Technology Congress, 2019. List of selected papers from the three Regional Science & Technology Congresses (which will be held at Purulia, Jalpaiguri, and Kolkata in December, 2018) will be published in the [www.vigyanchetana.in](http://www.vigyanchetana.in) website.

### **OUTSTANDING PAPER AWARD**

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

### **SESSIONS OF THE STATE & REGIONAL SCIENCE & TECHNOLOGY CONGRESSES**

#### **Technical Sessions**

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

#### **Memorial Lecture**

Since 1994 an eminent scientist is invited to deliver lecture to commemorate Prasanta Chandra Mahalanobis, named as 'Prasanta Chandra Mahalanobis Smriti Baktrita' each year during the State Science & Technology Congress. This year also an eminent scientist will deliver a lecture. The popular Lecture will be on some current topic. Similar Lectures will be arranged in the Regional Congresses also. In the western region J. C. Bose memorial lecture will be delivered by **Prof. Swapan Kumar Datta**, an eminent scientist & Ex-Vice-Chancellor of the Visva-Bharati.

#### **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 also 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 about the present state of scientific research in West Bengal and need of 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 arranged for participating in the National Children's Science Congress in the year of 2018 will be invited to present their project work during the Children's Science Session of 26 th West Bengal Science and Technology Congress, 2019.

## IMPORTANT DATES

Last date of submission of abstracts : 2<sup>nd</sup> November, 2018

**3<sup>rd</sup> Regional Science & Technology Congress – Purulia : 20<sup>th</sup> – 21<sup>st</sup> December, 2018**

3<sup>rd</sup> Regional Science & Technology Congress – **Kolkata** : 18<sup>th</sup> – 19<sup>th</sup> December, 2018

3<sup>rd</sup> Regional Science & Technology Congress – **Jalpaiguri**: 12<sup>th</sup> – 13<sup>th</sup> December, 2018

26<sup>th</sup> State Science & Technology Congress – **Kolkata** : 28<sup>th</sup> February – 1<sup>st</sup> March, 2019

## ACCOMMODATION

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

## REGISTRATION FEE: NIL

Website: [www.vigyanchetana.in](http://www.vigyanchetana.in)

**LAST DATE OF SUBMISSION OF ABSTRACTS: 2<sup>nd</sup> November, 2018**

Please visit for details: [www.vigyanchetana.in](http://www.vigyanchetana.in) & [www.skbu.ac.in](http://www.skbu.ac.in)

