



UNIVERSITY OF GOUR BANGA

(Established under the West Bengal Act. XXVI of 2007)

[Recognized U/S 2(f) & 12(B) of the UGC Act and NAAC accredited University with 'B' Grade (2016)]

Office of the Deputy Registrar

★ Phone: 03512-223664 ★ URL: www.ugb.ac.in ★ Email: registraroffice@ugb.ac.in

P.O.: Mokdumpur, Dist.: Malda, Pin – 732 103, West Bengal, India

Ref. No.: 684/UGB/DR–2022

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CIRCULAR

As directed by the Hon'ble Vice-Chancellor, University of Gour Banga, the undersigned is assigned to inform that the 5th Regional Science and Technology Congress, 2022 is going to be held on 11th and 12th January 2023 at the University of Gour Banga (**Region 2**) covering the Academic Institutions (both Secondary and Higher Education), Govt. and Non-Govt. research Institutions (both Central and State levels) located in the four districts covering Murshidabad, Maldah, Uttar Dinajpur and Dakshin Dinajpur of West Bengal.

For its wide circulation and participation in the Science Congress, the final brochure needs to be circulated among these sectors. All concerned are earnestly requested to take needful actions for circulating the Brochure. It is to be noted that, the last date of submission of abstracts is 15th November, 2022. For further details please visit <https://dstbt.bangla.gov.in/vigyanchetana/>.

(Dr. Rajib Patitundi)

Deputy Registrar (Addl. Charge)

DEPUTY REGISTRAR (A/c)
UNIVERSITY OF GOUR BANGA

Enclosure:

1. The Brochure of 30th West Bengal State Science & Technology Congress, 2023.
2. The Brochure of 5th Regional Science and Technology Congress, 2022.

Copy forwarded to:

1. The Hon'ble Vice-Chancellor, University of Gour Banga.
2. The Registrar, University of Gour Banga.
3. The Registrar, University of Kalyani with request for wide circulation among all concerned.
4. The Registrar, Murshidabad University with request for wide circulation among all concerned.
5. The Deans, All Faculty Councils of Post Graduate Studies, University of Gour Banga.
6. All Heads/Coordinators, PG Departments, University of Gour Banga.
7. The Principals/ Teachers-in-Charge/ Officers-in-Charge, all affiliated Colleges under the University of Gour Banga.
8. The University website.
9. Office File.



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_rsSEW9WLbg3MxzAlRK7CdCewV4xOsd6eNEoYmyyw/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/tYeEjzIcPnc5JDDD6
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/vigyanchetana/>

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

Organizing Committee

- ❖ Dr Shanti Chettri, Hon'ble Vice-Chancellor, UGB (Chief Patron)
- ❖ Dr Apurbo Chakraborty, Registrar (A/C), UGB (Member)
- ❖ Prof. Shyamapada Mandal, Dean of Science, Nodal Officer, 5th RSTC, UGB
- ❖ Prof. Sougata Pal, Dept. of Chemistry and Joint Convener, 5th RSTC, UGB
- ❖ Prof. Vivekananda Mandal, Dept. of Botany and Joint Convener, 5th RSTC, UGB
- ❖ Sri Sangeet Sundar Mondal, DMEEEO, Malda District Nodal Officer, (Member)
- ❖ Dr Bimalesh Samanta, Senior Scientist & Nodal Officer & Joint Organizing Secretary, DST BT, Govt. of West Bengal

Technical Sessions

There will be twelve technical sessions covering all branches of science and one session of model competition:

- ❖ Agriculture-Fisheries and Animal Science
- ❖ Botany
- ❖ Chemistry
- ❖ Earth Science
- ❖ Engineering
- ❖ Environmental Science
- ❖ Mathematics
- ❖ Medical Science
- ❖ Physics
- ❖ Physiology
- ❖ Social Sciences and IPR, and
- ❖ Zoology.
- ❖ Scientific Model Competition

The 30th West Bengal State Science & Technology Congress, 2022-2023 will be organized by Department of Science and Technology and Biotechnology, Government of West Bengal (DST BT, Govt. of West Bengal). Seven Regional Science & Technology Congresses will be organized across the state as part of the program during December 2022 and January 2023.

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 synergize new ideas with societal needs.

To encourage the young researchers, there will be Awards and Certificates both at the Regional and State levels.

University Of Gour Banga (UGB), Malda is an host institute of the 5th Regional Science & Technology Congress for the Region 2 comprising of Murshidabad, Maldah, Uttar Dinajpur and Dakshin Dinajpur districts of the state.

The 30th West Bengal State Science & Technology Congress will be held on 28th February, 2023 - 1st March, 2023 at Science City, Kolkata.



5th Regional Science & Technology Congress 2022-2023
(Region 2: Murshidabad, Maldah, Uttar Dinajpur and Dakshin Dinajpur)
January 11 & 12, 2023

Jointly Organized by
UNIVERSITY OF GOUR BANGA, Malda
and
Department of Science and Technology and Biotechnology
Government of West Bengal

PREPARATION OF ABSTRACT

Candidates are requested to submit their unpublished scientific research work as 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.

Submission of abstracts can be made at the website within **15th November, 2022**. You will need to create a 'user account' at the symposium website to submit a abstract. Please use 'single column' file (*.docx) to prepare abstracts. The DOCX files of manuscript as well as a PDF version of the manuscript have to be uploaded at the website. The maximum word limit of abstract is 200 covering a brief background, materials and methods, results and conclusion. These abstracts are to be submitted in the prescribed format. For further details visit <https://dstbt.bangla.gov.in/vigyanchetana>.

Abstracts not confirming to the format will be rejected and will not be considered for review. Accepted abstracts will be called for oral presentation during the selected technical session.

The selected abstracts (max. 30) will be called only for oral presentation in the respective technical session for about 10 min duration. The presentation should be in MS PowerPoint mode only.

OUTSTANDING PAPER AWARD

The Outstanding Papers Award in each technical session carries a Certificate, Memento and a cash prize. There will be Best Paper Awards in Regional Congresses. Selected Awardees at Regional Science & Technology Congresses will be invited to participate in the 30th West Bengal State Science & Technology Congress, 2023 and the Best/Outstanding Papers Award carries Certificate, cash prize and Memento.

SESSIONS OF THE CONGRESS

- ❖ **Technical Session** There will be twelve technical sessions. A panel of experts will select the best papers for each disciplines.
- ❖ **Lecture** Eminent scientists will deliver memorial lectures and invited lectures on some landmark of scientific works.
- ❖ **Meet the Scientists** A special session will be arranged during the 5th Regional Science & Technology Congress for the interaction of young scientists and students with eminent scientists and researchers.
- ❖ **Panel Discussion** A panel discussion will be held to discuss about the present state of scientific and technological research in West Bengal and need of future research from the societal point of view.
- ❖ **Scientific Model Competition for the College Students and above** Scientific Model Competition for the College Students and above will be organized. Interested students/scholars from the institutes are to submit an abstract of their model through the Google Form <https://forms.gle/8fMUJTDwafaSg5qF6>. Selected models will be invited for exhibition in the 30th West Bengal State Science & Technology Congress, Kolkata.

Registration

Registration Fee: NIL

Website:

<https://dstbt.bangla.gov.in/vigyanchetana/>

Important Dates

- **Last date of Registration:** 15th November, 2022
- **Last date of submission of abstracts:** 15th November, 2022
- **Acceptance intimation of abstracts:** on/before 10th December 2022

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.

Contact persons

Prof. Shyamapada Mandal, Dean of Science, UGB (Nodal Officer)

Prof. Sougata Pal, Dept. of Chemistry and Joint Convener, 5th RSTC - 2022, UGB

Prof. Vivekananda Mandal, Dept. of Botany and Joint Convener, 5th RSTC - 2022, UGB

❖ Email: rstcugb2022@gmail.com

Address for communication

University-Main Campus, P.O. Mokdumpur,
Dist. Malda – 732103
(Near Rabindra Bhaban)