



International Seminar (Hybrid Mode)

International Seminar on Strategic Frontiers in Science and Technology: Health, Agriculture, Energy and Environment 7-8 October, 2026



Organized By

Department of Molecular Biology & Biotechnology, Internal
Quality Assurance Cell, Sripat Singh College (SSC), Jiaganj, West
Bengal

In Collaboration With

West Bengal Academy of Science & Technology (WAST) And
Dr. Sudhir Chandra Sur Institute of Technology &
Sports Complex (SurTech)

Chief Guest

Prof. (Dr.) Amlan Jyoti Pal
President, WAST

Patrons

Prof. (Dr.) Amlan Jyoti Pal, President, WAST
Dr. Kamal Krishna Sarkar, Principal, SSC
Prof. (Dr.) Saradindu Panda, Principal, SurTech

Conveners

Dr. Abhishek Basu, Asst. Prof., SSC
Dr. Debjani Mandal, Asst. Prof., SSC

Organizing Secretaries

Dr. Sagar Simlandy, Assoc. Prof., SSC

Treasurer

Mr. Dibakar Das, Librarian, SSC

Venue:

Rabindra Sabhakaksha, Sripat Singh
College

Time: 09.30 a.m.

Live Streaming on YouTube

Distinguished Speakers

- Prof. (Dr.) Amlan Jyoti Pal, President, WAST
- Prof. Debashish Chatterjee, Prof., University of Kalyani
- Prof. Chittaranjan Sinha, Prof., Jadavpur University
- Prof. Biplab Maji, Prof., IISER Kolkata
- Prof. Somnath Bhattacharya, Prof., Bidhan Chandra Krishi
Viswavidyalaya
- Dr. Urmisha Das, Assoc. Prof., Lincoln University College, Malaysia
- Dr. Supratim Dey, Res. Assoc., Northwestern University, USA
- Dr. Rakesh Chatterjee, Proj. Scientist II, DBT-inStem
- Dr. Pranab Kumar Halder, Asst. Prof., Murshidabad Maharaja
Krishnanath University, Murshidabad
- Dr. Dipankar Das, Asst. Prof., SurTech, Kolkata
- Dr. Biswajit Das, Asst. Prof., SurTech, Kolkata
- Dr. Soumya Mukherjee, Asst. Prof., Jangipur College, Murshidabad
- Dr. Md Raihan Uddin, Asst. Prof., Raja Narendra Lal Khan
Women's College, (Autonomous), Midnapore

Objectives of the Seminar

- ❑ To discuss emerging frontiers in science and technology with multidisciplinary perspectives.
- ❑ To explore recent advances and innovations in health, agriculture, energy, and environmental sustainability.
- ❑ To promote interaction and knowledge exchange among researchers, academicians, industry professionals, policymakers, and innovators.
- ❑ To highlight the role of AI and advanced technologies in scientific research and engineering.
- ❑ To facilitate industry-academia collaboration, networking, and technology-driven innovation.
- ❑ To identify research opportunities and technological approaches for addressing contemporary societal and environmental challenges.

Who Should Attend

- ❖ Researchers and Academicians from universities, colleges, and research institutions.
- ❖ Ph.D. Scholars and Students interested in emerging science and technology.
- ❖ Industry Professionals and R&D personnel.
- ❖ Policy Makers and Government Officials working in science, technology, health, agriculture, energy, and environment.
- ❖ Start-ups, Entrepreneurs and Innovators working on technology-based solutions.

Sub-Themes

Health

- **Biotechnology and therapeutics**
- **Molecular and biomedical research**
- **Diagnostics and healthcare technologies**
- **Emerging therapeutic approaches**

Agriculture

- **Climate-resilient agriculture**
- **Smart and sustainable agriculture**
- **Agricultural biotechnology**
- **Plant breeding and genetics**
- **Stress-resilient crops**

Energy

- **Energy security**
- **Renewable and clean energy**
- **Sustainable energy technologies**
- **Clean-energy transition**

Environment

- **Environmental sustainability**
- **Environmental monitoring and analytical technologies**
- **Climate and ecological challenges**
- **Sustainable technological solutions**

AI for Science & Engineering

- **Artificial intelligence for scientific research**
- **AI-assisted discovery and innovation**
- **Machine learning and data-driven approaches**
- **AI applications in science and engineering**

Any other theme related to the seminar

Important Dates

Abstract Submission Starts	Sept. 21, 2026
Abstract Submission Ends	Oct. 04, 2026
Abstract Acceptance Notification	Oct. 04, 2026
Registration Starts	Sept. 21, 2026
Registration Ends	Oct. 05, 2026
Date of the Seminar	Oct. 7-8, 2026

Participants are invited to submit abstracts for oral/poster presentation. Abstract (in English or Bengali) must be submitted to abstract.sfst@gmail.com according to guidelines given below. E-Abstract Book with ISBN will be published.

Strictly adhere to the given abstract template:

<https://docs.google.com/document/d/1xIPJ0OkVGLjFXkpkqKqEs1MfHXvPxLo0Al9UMAoSJto/edit?usp=sharing>

Poster Size for presentation : L-4 ft & W-2.5 ft

Oral Presentation: 8 min Presentation, 2 min Discussion

Conference Highlights

- **Best poster and oral presentation will be awarded**
- Post conference publication of full papers in a book with ISBN, after rigorous review process, with nominal Article Processing and Publication Charge (APPC). **Last date of submission of full paper is 31.10.2026.**

Click/Scan here for Registration

<https://forms.gle/z1XymmP6iXBgYwvM9>



Registration Details:

Participants are advised to complete their online registration process after depositing the registration fee.

Registration fee	National	International
Scientist/Academician/ Faculty/Corporate	Rs. 1000	\$ 30
Research Scholar	Rs. 800	\$ 20
Student(UG/PG)	Rs. 500	\$ 10

Payment Mode: Online/NEFT/PhonePe/Google Pay

Name of Account Holder: **Principal Sripat Singh College Project**

Bank Name: **Bank of Baroda**

Branch Name and Code: **Jiaganj, JIAGAN**

Account Number: **52560100000695**

RTGS/NEFT IFSC Code: **BARBOJIAGAN** (5th character is zero)

Scan To Pay



vpa :

princ94774695@barodampay

About The Host Institute

Sripat Singh College was established in 1949 by the illustrious Jamindar Sripat Singh Dugar ji, driven by his visionary commitment to advancing higher education in the then-educationally backward district of Murshidabad. Originally affiliated with the University of Calcutta, the college now operates under the academic jurisdiction of the University of Kalyani. Over the course of its distinguished 77-year history, Sripat Singh College has evolved into a premier institution of higher learning and research. It offers undergraduate programs across the disciplines of Science and Humanities, along with a postgraduate program in Bengali. Renowned for its academic excellence, the college is supported by a team of highly qualified and dedicated faculty members, many of whom are distinguished scholars and researchers in their respective fields. The institution takes pride in its alumni, who have earned placements and recognition in esteemed national and international institutions. Sripat Singh College continues to uphold its founding ideals, fostering intellectual growth, critical thinking, and academic rigor among its students.

About the West Bengal Academy of Science and Technology (WAST)

Following a convention of scientists and technologists in 1986 in the Indian Institute of Chemical Biology (IICB), Kolkata the idea of foundation of the West Bengal Academy of Science and Technology (WAST) started; formally constituted in 1989 and registered in 16th May, 1990 (Registration No. S/65001). Remembering the scientific legacy of Acharya J. C. Bose, Acharya P. C. Ray, Sir C. V. Raman, Meghnath Saha, Satyendranath Bose and others WAST promoted the proliferation of scientific temper, scientific excellence through organizing conferences, seminars, workshops, publications, and outreach programmes; intellectual integrity and strengthening communications among science, technology, and humanities; fostering interdisciplinary research, promoting scientific temper and rational thinking, encouraging science education and innovation, and reinforcing the interface between science, society, industry, and public policy. WAST has recognized distinguished scientists and technologists through its Fellowship and Associateship where more than 750 scientists and technologists joined the Academy as Fellows & Associates. WAST continues to contribute towards building a scientifically enlightened, innovative, and sustainable society in West Bengal.

Patrons



Prof. (Dr.) Amlan Jyoti Pal



Dr. Kamal Krishna Sarkar



Prof. (Dr.) Saradindu Panda

General Information

About Sripat Singh College

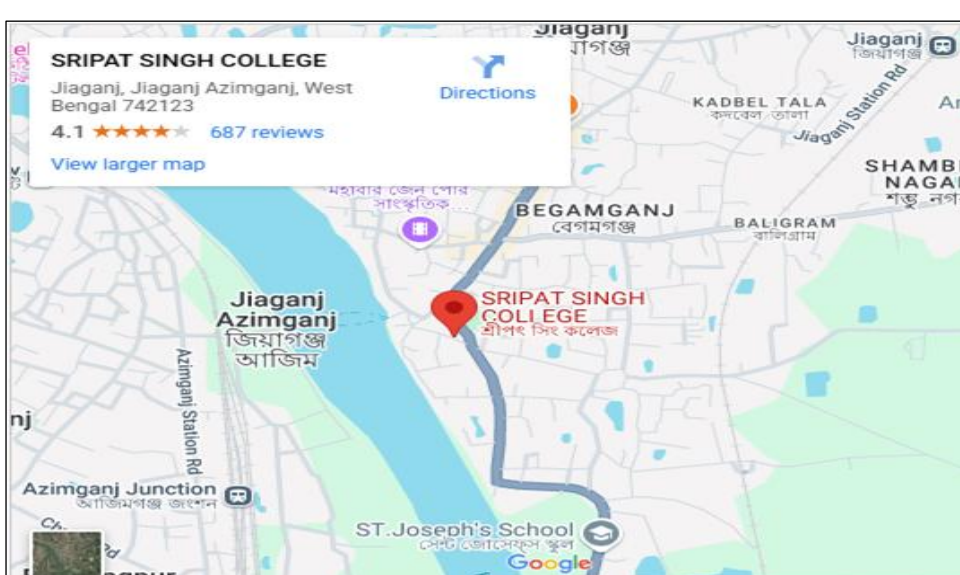
Legendary Jamindar Sripat Singh Dugar ji founded this college in 1949 with a view to spread higher education in the backward district of Murshidabad. Started as a unit under Calcutta University, the college is presently affiliated to the University of Kalyani. Sripat Singh College caters to the need of UG students of science & humanities and PG students of Bengali. The college has emerged as a centre of excellence in learning and research activities during its journey of 75 years.

How To Reach

The College is located close to two main railway stations-Jiaganj Station (JJG) (on Sealdah-Lalgola main line) and Azimganj Junction (AZ) (on Howrah-Dibrugarh main line). Additionally, the college campus is 205 km away from Dumdum Airport.

Location of the College

<https://maps.app.goo.gl/JhNtybAEzJUgMuWj9>



Hotels in Lalbagh

- New Motijheel Guest House
- Hotel Hazarduari
- Hotel Manjusha
- Jalcchabi Hotel and Resort
- The Fame Hotel
- Hotel Sunshine
- Hotel Samrat
- Hotel Sagnik
- Hotel Indrajit
- House of Sheherwali (Azimganj)

For travel and accommodation related query please contact: Dr. Abhishek Basu (+9194932994062)

Note: TA/DA shall not be provided for attending the seminar.

Organizing Committee

Conveners

Dr. Abhishek Basu, Asst. Prof., Sripat Singh College

Dr. Debjani Mandal, Asst. Prof., Sripat Singh College

Organizing Secretaries

Dr. Sagar Simlandy, Assoc. Prof., Sripat Singh College

Treasurer

Dibakar Das, Librarian, Sripat Singh College

Members

- Dr. Dipankar Das Prof., Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, Kolkata
- Dr. Biswajit Das, Asst. Prof., Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, Kolkata
- Asoke Kumar Mandal, Asst. Prof., Sripat Singh College
- Dr. Amritendu Halder, Asst. Prof., Sripat Singh College
- Subhasish Sarkar, Librarian, Sripat Singh College
- Dr. Raja Ghosh, Asst. Prof., Sripat Singh College
- Dr. Md. Habib, Asst. Prof., Sripat Singh College
- Ashok Raj Mahali, Asst. Prof., Sripat Singh College
- Dilip Sarkar, Asst. Prof., Sripat Singh College
- Sunita Hansda, Asst. Prof., Sripat Singh College
- Trishna Subba, Asst. Prof., Sripat Singh College
- Utsab Datta, SACT, Sripat Singh College
- Manali Biswas, SACT, Sripat Singh College
- Sanjib Sarkar, Office Staff, Sripat Singh College
- Md Samirul Islam, Office Staff, Sripat Singh College

Advisory Committee

Prof. (Dr.) Amlan Jyoti Pal, President, West Bengal Academy of Science and Technology

Prof. Debashish Chatterjee (Professor, University of Kalyani)

Prof. Chittaranjan Sinha (Professor, Jadavpur University)

Dr. Kamal Krishna Sarkar, Principal, Sripat Singh College

Prof. (Dr.) Saradindu Panda, Principal, Dr. Sudhir Chandra Sur Institute of Technology

Prof. Biplab Maji, Professor, IISER Kolkata

Prof. Somnath Bhattacharya, Professor, BCKV

Dr. Abdul Kader Ahammed, Assoc. Prof., Sripat Singh College

Dr. Bibhas Bhattacharyya, Associate GLI, Sripat Singh College

Smt. Gopa Chanda, Office Staff, Sripat Singh College

Any query regarding the Registration and/or Abstract Submission

Please Contact:

Dr. Abhishek Basu: 9432994062

Dr. Debjani Mandal: 8478912315

Dr. Sagar Simlandy: 9433567680

Some of the Heritage sites of Murshidabad District



Hazarduari Palace
& Museum



Katra Masjid



Shree Kiriteswari
Shaktipeeth Temple



Nizamat Imambara



Imambara Garden



Tomb Of
Azimunnisa Begum



Char Bangla
Temple



Khosbag Garden



Jafraganj
Cemetery (1100...



Motijheel Park



Jahan Kosha
Cannon



Kathgola



Fauti Masjid



Yellow Mosque



House of Jagat
Seth