



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY

# 34TH ANNUAL GENERAL MEETING

MAY 24, 2025

**Mahendra Lal Sircar (MLS) Hall**

Indian Association for the Cultivation of  
Science (IACS)

2A & 2B, Raja S. C. Mullick Road, Jadavpur,  
Kolkata - 700 032



<https://www.wast.in>



# West Bengal Academy of Science and Technology

Registration No. SO065001 of 1990-91

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## **34<sup>th</sup> Annual General Meeting**

**24<sup>th</sup> May 2025 from 2pm to 4:30pm**

**Indian Association for the Cultivation of Science (IACS)**

**2A & 2B, Raja Subodh Chandra Mallick Rd, Jadavpur, Kolkata-700032**

Agenda:

- (i) Welcome address by the President
- (ii) Remarks by the Vice-President
- (iii) Remembering Deceased Fellows
- (iv) Confirmation of the Minutes of the 33<sup>rd</sup> AGM
- (v) Placement of the Annual report for the year 2024-2025
- (vi) Placement of the Audited Accounts for the year 2024-2025
- (vii) Appointment of the Auditor for the year 2025-2026
- (viii) Placement of the Amendments of the Rules and Regulations of the WAST
- (ix) Discussion on any other matter with permission of the Chair.
- (x) Induction of New Fellows and Associates
- (xi) Vote of thanks

## **Minutes of the 33<sup>rd</sup> AGM held on the 15<sup>th</sup> June 2024, at the CSIR- Indian Institute of Chemical Biology, Jadavpur, Kolkata - 700032**

The 33<sup>rd</sup> Annual General Meeting (AGM) of the Academy was held on 15<sup>th</sup> June, 2024 (Saturday) at 12:30 PM in Dr. J.C. Ray Auditorium, CSIR-Indian Institute of Chemical Biology (IICB), Jadavpur, Kolkata under the Chairmanship of Prof. Sivaji Chakravorti, President of the WAST.

- Item 1&2: Prof. Sivaji Chakravorti gave the presidential welcome address and Prof. Amit Ghosh delivered his remarks on the Academy affairs. Both of them expressed their views and thoughts, and challenges to execute the activities of the Academy.
- Item 3: At the outset, one-minute silence was observed in the memory of the WAST Fellows, who left for their heavenly abode in the last one year.
- Item 4: The Minutes of the 32<sup>nd</sup> AGM of the Academy held on 4<sup>th</sup> July 2023 at CSIR-IICB Kolkata were confirmed (Minutes were printed in the Annual Report of the Academy for 2022-2023 and were circulated to all the Fellows).
- Item 5: The Annual Report of the Academy for the year 2023-2024 was placed in the meeting by the Secretary highlighting the key aspects of the Academy's activities in 2023-2024. The annual report was adopted after discussion.
- Item 6: The audited statement of accounts and Auditors' Report for the financial year 2023-2024 was presented by the Treasurer and was approved after discussion.
- Item 7: M/s Debasis Bandyopadhyay & Co was appointed as the Auditor for the year 2024-2025, without any change in the fees payable.
- Item 8: Placement of the Vision, Mission: Accepted as placed (Annexure I)  
After detailed discussion the following amendments in the Rules and Regulation was accepted (Annexure II). The change in Rule 3.2.2 was withdrawn. It was decided that this rule will be placed in the next AGM.
- Item 9: Suggestion to change the auditor after 5 years was given in the meeting and it was duly noted.
- Item 10: The names of the newly elected Fellows and Associates of the Academy for the year 2022 were announced in the meeting. The President handed over the certificates to the newly elected Fellows and Associates, who were physically present in the meeting.
- Item 11: The AGM ended with a vote of thanks offered by the Secretary.

## Annexure I

Vision & Mission of the WAST as approved in the AGM held on 15-06-2024:

### **Vision**

Pertaining primarily to the State of West Bengal, to recognize and promote scientific and technological excellence, improve scientific temper in society, undertake scientific and technological planning and activities of local and national significance, and interact with science and technology bodies of similar nature.

### **Mission**

- ✓ Support and promote scientific and technological activities for the development of the State of West Bengal.
- ✓ Provide scientific and technological expertise to institutions and to the government.
- ✓ Conduct educational and outreach programs in various segments of the society for greater public understanding of science and technology.
- ✓ Elect as Fellows of the Academy, scientists and technologists with outstanding contributions, carried out primarily from institutions located in the State of West Bengal.
- ✓ Recognize scientific talent and potential among young researchers associated with institutions in the State of West Bengal, and elect and nurture them as Associates of the Academy.
- ✓ Prepare and distribute white papers on issues of significance to the State of West Bengal and also of national significance.
- ✓ Liaise and co-operate with science and technology academies of other States and also with national academies.

## Annexure II

### West Bengal Academy of Science & Technology

Changes in WAST Rules and Regulations as approved in the AGM held on 15-06-2024:

Clause No	Existing	Proposed
2.3	Any citizen of India, who is a resident of the state of West Bengal, by birth or domicile, and who has worked for 10 years or more in an institution in the state of West Bengal, is eligible for Fellowship of the Academy.	Any person, who is an Indian Citizen or a foreign citizen holding OCI/PIO cards, and who has worked for 10 years or more in aggregate in one or more institutions in the state of West Bengal, is eligible for Fellowship of the Academy.
3.2.1	The number of Fellows to be elected annually shall not exceed 40.	<p>The number of Fellows to be elected annually shall not exceed 40.</p> <p>A letter to be issued each year by the Secretary to all Fellows inviting nominations at least 45 days prior to the specified last date for nominations to be received.</p>
3.2.3	The nominations so received shall be scrutinised by appropriate sectional committees appointed by the Council, to which the Sectional Committees shall send their recommendations for admission to the fellowship.	<p>The nominations so received shall be scrutinized by the appropriate sectional committees appointed by the Council. The Sectional Committees shall send their recommendations to the Council for admission to the Fellowship.</p> <p>The primary criterion for election will be the achievement of the nominee in science and technology involving new discoveries/ contributions to new knowledge/ contribution to new technologies developed. These should be authenticated by publications/ patents/ startups/ technology transfer/ contribution to mission mode projects with established proof.</p> <p>Prior to selection, comments from domain experts in the field (at least 2) are to be sought on the achievements of the nominee that will be invited by the conveners of the respective sectional committees and summarized during the presentation to the Council.</p> <p>In the case of nominations, Conflict of Interest should be avoided to the best possible extent.</p>

		<p>To ensure that Sectional Committee / Council members do not unjustifiably influence the process of decision making because of personal interests and professional associations, the following procedure will be adopted while electing fellows.</p> <p>If the nominee is associated with the Sectional Committee / Council member(s) in any one or more of the following manners, then the concerned member(s) will recuse oneself/themselves from the discussions in the respective meetings and will not take part in the decision making for that nominee.</p> <p>a) Relation  b) Own Ph.D student or post-doctoral fellow  c) Collaborator  d) Colleague in the same institutional department.</p>
<b>3.3</b>	<p>The purpose of the programme is to identify and encourage promising young scientists and technologists. The Associateship is tenable up to the age of 40 years. The Associates can participate in the Academic Programme of WAST and shall be entitled to use AAScT only during the period of their associateship.</p>	<p>The purpose of the programme is to identify and encourage promising young scientists and technologists. The Associateship is tenable up to the age of 40 years. The Associates can participate in the Academic Programme of WAST and shall be entitled to use AAScT only during the period of their associateship. The nominee should be presently working in an organization in the state of West Bengal.</p>
<b>3.4.1</b>	<p><b>Honorary Fellowship:</b></p> <p>The objective of the programme is to involve distinguished scientists/ technologists, not residing and working in the state of West Bengal, with the activities of the WAST. They may be citizens of India residing and working in a state other than West Bengal or abroad or citizens of any other country residing and working in a state other than West Bengal or abroad. The total number of Honorary Fellows at any time shall not exceed 50. A Fellow of good standing of WAST may propose any person for distinguished contribution in any area of science and technology. The proposal along with the Bio-data of the nominee in prescribed format</p>	<p>The objective of the programme is to involve distinguished scientists/technologists, with the activities of the WAST. They may be citizens of any country and have put in at least 20 years of service in the profession excluding the PhD duration.</p> <p>The Council shall elect the Honorary Fellows based on the recommendation of a search-cum-selection committee comprising one council member and four Fellows of the academy nominated by the council.</p> <p>Not more than five Honorary Fellows shall be elected in a year. The total number of Honorary</p>

	<p>must reach the secretary of the Academy by 30th September.</p> <p>The Council shall elect the Honorary Fellows. Not more than five Honorary Fellows shall be elected in a year. A nomination will remain valid for three years.</p>	<p>Fellows at any time shall not exceed 50.</p> <p>Honorary Fellows will be entitled to use FAScT.</p>
<b>3.4.2</b>	<p><b>Distinguished Fellow:</b></p> <p>The Council may elect a nominee, who is a resident of the state of West Bengal, by birth or domicile, and who has worked for 10 years or more in an institution in the state of West Bengal, as a Distinguished Fellow in special recognition of his/her outstanding contribution in the field of science and technology and such election shall be announced at the Annual General Meeting. A Fellow of good standing of WAST may nominate one for his/her distinguished contribution in any area of science and technology. The proposal along with the Bio-data of the nominee in prescribed format must reach the secretary of the Academy by 30th September. The Council shall elect the Distinguished Fellows based on the recommendation of a screening committee comprising a maximum of three council members nominated by the council. The total number of Distinguished Fellows at any time shall not exceed 50 and a maximum of five eminent persons can be elected under this rule in a year.</p>	<p>Deleted.</p>
<b>3.5</b>	<p><b>Institutional Membership:</b></p> <p>The one-time subscription for membership shall be decided in the general body meeting.</p>	<p>The one-time subscription for membership shall be decided by the Council from time to time.</p>
<b>3.6</b>	<p><b>Corporate Membership:</b></p> <p>The one-time subscription for membership shall be decided in the general body meeting.</p>	<p>The one-time subscription for membership shall be decided by the Council from time to time.</p>

6	<p><b>Termination of Fellowship</b></p> <p>A Fellow shall cease to be so,</p> <ol style="list-style-type: none"> <li>1. if the Fellow resigns in writing to the Secretary and his resignation is accepted by the Council</li> <li>2. if the Fellow is adjudicated a lunatic or insolvent; and</li> <li>3. If the Fellow is found guilty of a crime by a court of law of the land, s(he) is to be suspended from WAST.</li> </ol>	<p><b>Termination of Fellowship</b></p> <p>Fellowship shall cease by death (to be announced in the general meeting) or by resignation by the Fellow (subject to acceptance by the President) or removal due to matters on ethical issues (to be evaluated by a committee appointed by the President and approved by the Council on case-to-case basis).</p> <p>If the Fellow is found guilty of a crime by a court of law of the land, s(he) is to be suspended from WAST.</p> <p>The subject of suspension/removal of a fellow shall be laid before the Council; the Council shall, after due deliberation, will take appropriate action.</p>
8.1.4	<p>No member of the Council including the office bearers shall hold position in the council for more than four years consecutively. A member will be eligible to hold a position in the council again after a break of two years. The above-stated limit of four years will not be applicable if a member is elected as President of the academy.</p>	<p>(i) The term of the Council will be 3 years, which shall not be extendable.</p> <p>(ii) After completing the term of 3 years on the Council, an office-bearer (President, Vice-President, Secretary, Treasurer and Editor) cannot serve in the immediately succeeding Council.</p> <p>(iii) After the 3-year term of a Council, a subset of members of the incumbent Council may be included in the incoming Council to maintain continuity of functioning. This subset shall exclude all Office-bearers of the incumbent Council and those members of the present Council, who have served on two consecutive Councils. The number of members from the present Council to continue in the incoming Council shall not exceed 5. No member can serve for more than two consecutive terms in the Council.</p> <p>(iv) Any member of the incumbent Council including Office-bearers will be again eligible to serve in the Council after a gap of three years.</p>
9	<p>The office bearers of the Council shall be constituted of President, one Vice-President, one Secretary and one Treasurer.</p>	<p>The office bearers of the Council shall be constituted of the President, one Vice-President, one Secretary, one Treasurer and one Editor.</p>
13.6	<p>Incumbent Council shall appoint a nomination committee consisting of a Chair of Nomination Committee and 2</p>	<p>Incumbent Council shall appoint a nomination committee consisting of a Chair of Nomination Committee and 2 members for the</p>

	<p>members for the formation of new council. Chair of Nomination committee shall be Immediate Past President of the academy and the other two members shall be any one Past President plus one fellow of good standing nominated by the council. Nomination Committee shall be constituted by 30th September of the year. Incumbent Council will propose a panel for the new council to the nomination committee by 15th October. Nomination by petition for any position in the council may be submitted to the Nomination Committee Chair by 31st October. A petition must be signed by five fellows of good standing.</p> <p>The Nomination Committee shall announce the panel for the new council including office-bearers to the academy President by 30th November. This panel shall be placed in the AGM for approval.</p>	<p>formation of new council. Chair of Nomination committee shall be Immediate Past President of the Academy and the other two members shall be any one Past President plus one Fellow of good standing nominated by the council. Nomination Committee shall be constituted by 30th September of the year.</p> <p>The Nomination Committee shall announce the panel for the new council including Office-bearers to the President of the academy by 30th November. This panel shall be placed in the AGM for approval.</p>
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# Annual Report 2024-2025

## ***Report from the Secretary:***

Hon'ble President, Hon'ble Vice President, Hon'ble Council members, and all esteemed Fellows and Associates of WAST. It is a privilege to present before this distinguished Fellowship the Annual Report for the year 2024-2025. This year has been a period of dynamic engagement, scientific outreach, and impactful initiatives, reinforcing the Academy's commitment to fostering knowledge dissemination and research excellence.

During the year 2024-2025, the present Council convened four times to deliberate on governance matters and Academy activities. A key decision was made to align the tenure of Sectional Committees with the tenure of the Council, ensuring consistency in governance. Additionally, certain structural adjustments to ensure leadership continuity, e.g. Prof. Sudeshna Banerjee, Professor of Mathematics at Jadavpur University, was nominated as a council member to fill the vacancy for the 2024-2026 term following the untimely passing of Prof. Tanuka Chattopadhyay and Prof. T. Ramamurthi was nominated as Convenor of Medical Sciences for 2025-2026, succeeding Dr. Alakendu Ghosh, who was unable to serve during this period.

Throughout the year, multiple academic events, scientific lectures, and outreach programs were successfully organized fostering knowledge sharing and inspiring future scientists. Most of these sessions were streamed live on the WAST YouTube channel ([https://www.youtube.com/@WAST\\_Activities](https://www.youtube.com/@WAST_Activities)), ensuring wider accessibility. Following is a brief description of the key events and activities.

### ➤ ***Annual Oration – 15 June 2024***

- The prestigious Annual Oration 2024 featured Dr. Tessy Thomas, former Director-General (Aeronautical Systems), DRDO and was held in IICB, Kolkata. She highlighted India's aerospace and defense technology advancements, emphasizing ISRO's achievements and DRDO's contributions towards self-reliance. She showcased the milestone missions like Chandrayaan and Mangalyaan. A lively Q&A session followed, concluding with a vote of thanks and an appreciation plaque presentation.

### ➤ ***Endowment Lectures***

- Sarbani Patranabis-Deb Endowment Lecture – 23 December, 2024: Organised by Sectional Committee V: Earth and Planetary Sciences. The lecture was hosted by Presidency University, Kolkata, at the P.C. Mahalanobis Auditorium and was delivered by Prof. Somnath Dasgupta, INSA Senior Scientist from the Indian Statistical Institute, Kolkata, discussing "Genetic significance of Glaucony in Proterozoic basins of India."
- Prof. J.C. Sengupta Endowment Lecture – 15 January, 2025: Organised by Sectional Committee VI: Plant Sciences. The lecture was hosted by Bose Institute, Kolkata, and was delivered by Prof. Anjan Kumar Banerjee from IISER Pune. His lecture was on "Impact of mobile RNAs and proteins on plant growth and productivity: Potato as a classic example."
- Sunil Chandra Bose Endowment Lecture – 6 March, 2025: Organised by Sectional Committee VIII: Medical and Veterinary Sciences. The lecture was hosted by IISER Kolkata and was delivered by Dr. Pattatheyl Arun, Director at Tata Medical Center, Kolkata. His lecture was on "The Surgeon as a Scientist: Negotiating Research in the Clinical Sciences?"

### ➤ **Science & Technology Day Lectures**

- National Technology Day – 11 May, 2024: A virtual lecture delivered by Dr. Bibek Bandyopadhyay, former adviser of Minister of New and Renewable energy (MNRE) on “Energy Transition Towards Sustainable Development” which provided a roadmap for India's shift towards clean energy. The talk delved into sustainable energy solutions, sparking engaging discussions.
- National Science Day – 28 February, 2025: An inspiring Science Motivational Program was organized at Shri Shikshayatan School, Kolkata, in collaboration with Amity University. Prof. Sivaji Chakravorti and Prof. Chittaranjan Sinha shared insights on interdisciplinary scientific work and the role of scientists in nation-building. Dr. Susmita Das highlighted career opportunities in chemistry, emphasizing its impact on health, environment, and industry. A session on hands-on experiments led by Dr. Maya Gupta and other professors encouraged students to explore science through interactive experiments. The event aimed to empower Indian youth for global leadership in science and innovation.

### ➤ **Outreach Activities**

- Outreach Program on Space Research – 19 July, 2024: At Garden High School, IISER Kolkata Campus, nearly 200 students attended a session on “The Impact of Indian Space Research on the Common Man”. Prof. Amitava Gupta and Prof. Sivaji Chakravorti outlined ISRO's societal contributions, inspiring young minds to explore space research.
- Outreach Program on Artificial Intelligence – 25 July, 2024: At Uttarpara Government High School, students and teachers from 17 schools in Hooghly gathered for an insightful session on “Artificial Intelligence: Genesis to Future”. Prof. Anupam Basu, a former IIT Kharagpur faculty member, discussed AI's evolution, ethical concerns, and technological applications. Professor Sivaji Chakravorti inspired students to explore new ideas on artificial intelligence's role in daily life.
- “Science Motivational Program” – 20 September, 2024: At Sadhu Ram Chand Murmu University of Jhargram, keynote speaker Prof. Chinmay Chowdhury explored India's journey towards scientific self-reliance, focusing on chemical sciences and sustainable development. M/s Neo-Teletronix Pvt Ltd extended financial support to the seminar.
- "Journey of Science towards Self-Reliant India" - 20 September, 2024: At Barsole Vidyatan (HS), Barsole, Benasuli, Jhargram, Prof. Chinmay Chowdhury from CSIR - Indian Institute of Chemical Biology discussed about Energy Swaraj, climate change, sustainable energy sources like solar and wind energy, green hydrogen gas, and space science. The event was financially supported by M/s Neo-Teletronix Pvt Ltd.
- “Joyful Learning of Science through Experiments and Analysis Program” - 21 September, 2024: At Government Model School in Nayagram Block, Jhargram, a science motivational program took place. Prof. Chittaranjan Sinha and Prof. Chinmay Chowdhury shared insights to spark interest in science. Prof. Chowdhury discussed hydrogen as a green fuel, while Prof. Sinha focused on the role of science in nation building. Hands-on science experiments were led by science demonstrators Mr. Suchand Pan and Mr. Dipen Roy. The event received financial support from M/s Neo-Teletronix Pvt Ltd.

### ➤ **Programs Organized by the Sectional Committees**

- “Prospects of Earth Science in Academia and Industry” - 26 September 2024: Organised by Sectional Committee V: Earth and Planetary Sciences. An interactive session on Earth Science was organized by Durgapur Government College. Prof. Pulak Sengupta and Prof. Subir Sarkar highlighted opportunities in geology.
- "Empowering Agricultural Transformation: Non-Conventional Practices for a Sustainable tomorrow" - 20 March, 2025: A program at Sidho Kanho Birsa University, Purulia, emphasized non-conventional agricultural practices for sustainability, engaging students in an interactive learning sessions and discussions with expert speakers. Prof. Samir Ranjan Sikdar and Dr. Subrata Das, and Prof. Subrata Raha highlighted the importance of sharing the knowledge gained with local farmers. Razors Group provided support to this event.

### ➤ **Lectures organized by WAST**

- "Empowering Engineers of the Future: Overcoming Challenges and Building Motivation" on 13 November, 2024. Jointly organized with Aliah University a student awareness program featured two professors from Jadavpur University's Electrical Engineering department who discussed topics like MEMS applications in smartphone apps and soft skill development for engineers.
- India's Electricity Transition – 25 November, 2024: Jointly organized with Jadavpur University, this expert lecture featured Dr. Ajay Mathur, Director General of the International Solar Alliance. He addressed India's energy transition challenges, leading to an enriching discussion among researchers, industry professionals, and policymakers. The lecture provided valuable insights into India's energy landscape and the complexities of electricity transition.
- Supramolecular Chemistry Discussion – 8 December, 2024. Jointly organized with IISER Kolkata this event featured Prof. Dirk Volkmer (University of Augsburg, Germany) and other esteemed experts, who discussed on supramolecular catalysis, materials, and synthesis applications highlighting interdisciplinary advancements.
- 'Biochemistry: Then and now' - 6 January, 2025: Jointly organized by the Prof. J.J. Ghosh Foundation in collaboration with the University of Calcutta this event was a Centennial Celebration of Prof. J.J. Ghosh and featured talks from eminent scientists like Prof. Sankar Mitra, Prof. Sankar Adhya, Prof. Arun Dutta, Prof. Dhruvajyoti Chattopadhyay, and Prof. Gouri Sankar Ghosh, on advancements in Biochemistry.

### ➤ **Presence of the WAST in the Social Media**

During this year, the WAST started its own Instagram account, which is available at <https://www.instagram.com/wb.academy.sct/>.

As described so far, West Bengal Academy of Science & Technology has successfully conducted multifaceted scientific events, outreach initiatives, and expert-led discussions, reinforcing its mission to advance scientific research, education, and societal impact. The Academy remains committed to bridging academia and industry, fostering innovation, and empowering future generations. Last but not the least the Academy facilitated the nomination and selection process for Fellows and Associates, the future torch bearers of these missions. Based on the recommendations of the Sectional Committees, the Council approved the induction of 28 eminent scientists into the Fellowship and 7 promising young scientists into the

Associateship of the Academy. A section-wise list of elected Fellows and Associates is provided in this report.

I convey my sincere thanks to Dr. Kalobaran Maiti, Director, IACS, Kolkata for extending his support in holding the Annual General Meeting 2025 in the Institute premises. I would also like to put on record sincere thanks on behalf of the academy to IIM Mumbai, TRP Global and Neo-Teletronix Pvt Ltd, for providing generous financial support towards academy activities. I convey my sincere thanks to the members of the Executive Council and of all Sectional committee Convenors and members for their unstinted cooperation, help, and support.

**Maitrayee DasGupta**

## **Changes in the Rules of the WAST as approved by the Council:**

### **Clause 3.2.2**

#### **Existing:**

A candidate should be nominated, on personal knowledge, for Fellowship by a Fellow of the Academy from the same section in which the nomination is made and seconded by one other Fellow of the Academy irrespective of the section.

#### **Proposed:**

A candidate should be nominated by a Fellow of the West Bengal Academy of Sciences or a Fellow of the Indian National Science Academy or a Fellow of the Indian Academy of Sciences or a Fellow of the National Academy of Sciences or a Fellow of the Indian National Academy of Engineering and seconded by a Fellow of the WAST. The nominator shall certify from personal knowledge the scientific credentials of the nominee and verify the information given in the nomination form.

In the case of a nominator, who is not a Fellow of the WAST but is a Fellow of the national academies as stated above, the Clause 2.3 shall be applicable and the nominator shall have to submit a self-certificate for the same.

### **Clause 17.1**








#### **Existing:**

Duration of each sectional Committee will be two years, coterminous with the term of an Executive Council.

#### **Proposed:**

Duration of each sectional Committee will be three years, coterminous with the term of the Executive Council.

## List of Fellows Elected in 2024

Sectional Committee I: Mathematical Sciences		Specialisation
	<b>Jagadis Chandra Misra</b> Former Professor Department of Mathematics Indian Institute of Technology Kharagpur E-mail: misrajc@gmail.com	Physiological Fluid Dynamics
Sectional Committee III: Chemical Sciences		Specialisation
	<b>Ajay Kumar Misra</b> Professor Department of Chemistry, Vidyasagar University, Midnapore E-mail: ajay@mail.vidyasagar.ac.in ajaymsr123@gmail.com	Developing Chemosensors
	<b>Debajyoti Ghoshal</b> Professor Department of Chemistry, Jadavpur University, Kolkata E-mail: debajyoti.ghoshal@jadavpuruniversity.in debajyoti_g@yahoo.co.in	Framing Metal Organic Frameworks
	<b>Rajib K Goswami</b> Professor School of Chemical Sciences Indian Association for the Cultivation of Science E-mail: ocrkg@iacs.res.in	Synthesis of Bioactive Natural
	<b>Sudip Malik</b> Professor, School of Applied and Interdisciplinary Sciences Indian Association for the Cultivation of Science E-mail: psusm2@iacs.res.in sudipm75@yahoo.co.in	Synthesising Novel Polymers and Investigating their Structure-Property Relationships
	<b>Swati De</b> Professor, Department of Chemistry, University of Kalyani, Kalyani E-mail: sdechem1@klyuniv.ac.in deswati1@gmail.com	Physical Chemistry
Sectional Committee IV: Systems Engineering & Materials Science		Specialisation
	<b>Santanu Chattopadhyay</b> Professor Rubber Technology Centre Indian Institute of Technology Kharagpur E-mail: santanu@rtc.iitkgp.ac.in santanuchat71@yahoo.com	Polymer Science and Engineering

## List of Fellows Elected in 2024



### **Santanu Dhara**

Professor, Biomaterials and Tissue Engineering  
Group School of Medical Science and  
Technology  
Indian Institute of Technology Kharagpur  
E-mail: sdhara@smst.iitkgp.ac.in

Biomaterials and  
Tissue Engineering



### **Suman Chakraborty**

Professor, Department of Mechanical  
Engineering,  
Indian Institute of Technology Kharagpur  
E-mail: suman@mech.iitkgp.ac.in

Microfluidics  
Nanofluidics and Biomedical  
Engineering



### **Sunando Dasgupta**

Professor, Department of Chemical Engineering  
Indian Institute of Technology Kharagpur  
E-mail: sunando@che.iitkgp.ac.in

Interfacial Transport  
Phenomena and  
Microfluidics

## Sectional Committee V: Earth & Planetary Sciences

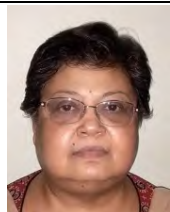
## Specialisation



### **Dewashish Upadhyay**

Professor, Department of Geology and  
Geophysics Indian Institute of Technology  
Kharagpur  
E-mail: dewashish@gg.iitkgp.ac.in

Isotope Geochemistry and  
Petrology



### **Sanghamitra Ray**

Professor, Department of Geology and  
Geophysics  
Indian Institute of Technology Kharagpur  
E-mail: sray@gg.iitkgp.ac.in

Vertebrate Palaeobiology



### **Sisir Kanti Mandal**

Professor, Department of Geological Sciences  
Jadavpur University  
E-mail: sray@gg.iitkgp.ac.in

Ore Petrology-Geochemistry

## Sectional Committee VI: Plant Sciences

## Specialisation



### **Ronita Nag Chaudhuri**

Assistant Professor Department of  
Biotechnology, St. Xavier's College  
E-mail: ronita.nc@sxccal.edu  
ronita\_7@yahoo.co.in

Plant Development Biology

## List of Fellows Elected in 2024



### **Sudipta Ray**

Associate Professor, Department of Botany,  
University of Calcutta  
E-mail: srbot@caluniv.ac.in  
essar75@yahoo.co.in

Plant Functional Genomics

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### Sectional Committee VII: Animal Sciences

### Specialisation



### **Chiranjib Pal**

Professor, Cellular Immunology and Vector  
Molecular Biology  
West Bengal State University  
E-mail: chiranjibpal.zoology@wbsu.ac.in  
cpcu.immunology@gmail.com

Vector Molecular Biology, and  
Therapeutics Against Infectious  
Diseases



### **Subhajit Biswas**

Associate Professor  
CSIR-Indian Institute of Chemical Biology  
E-mail: subhajit.biswas@iicb.res.in  
subhajitcam@gmail.com

Virology; Immunology

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### Sectional Committee VIII: Medical & Veterinary Sciences

### Specialisation



### **Sandipan Ganguly**

Scientist G, Division of Parasitology,  
ICMR-NIRBI Kolkata,  
E-mail: sandipanganguly@hotmail.com

Molecular, Parasitology,  
Epidemiology and Public  
Health

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### Sectional Committee IX: Biochemistry and Biophysics

### Specialisation



### **Biswadip Das**

Professor, Department of Life Science and  
Biotechnology  
Jadavpur University  
E-mail: biswadip.das@jadavpuruniversity.in

Rna Biology






### **Sudip Kundu**








Professor, Department of Biophysics, Molecular  
Biology and Bioinformatics  
University of Calcutta  
E-mail: skbmbg@caluniv.ac.in

Computational Systems  
Biology

## List of Fellows Elected in 2024

Sectional Committee X Agriculture and Forestry		Specialisation
	<b>Pabitra Kumar Mani</b> Professor, Agril. Chemistry and Soil Science, Bidhan Chandra Krishi Viswavidyalaya E-mail: mani.pabitra.kr@bckv.edu.in pabitramani@gmail.com	Long-Term Fertility Experiment of Rice–Wheat Cropping System
	<b>Souvik Ghosh</b> Professor, Department of Agricultural Extension, Visva-Bharati E-mail: souvik.ghosh@visva-bharati.ac.in ghosh_wtcer@yahoo.com	Agricultural Extension
	<b>Subrata Dutta</b> Professor, Department of Plant Pathology, Bidhan Chandra Krishi Viswavidyalaya E-mail: subratadutta1972@gmail.com	Plant Disease Management
Sectional Committee XII: Environmental Sciences		Specialisation
	<b>Brajesh Kumar Dubey</b> Professor, Environmental Engineering, Indian Institute of Technology Kharagpur E-mail: bkdubey@civil.iitkgp.ac.in bkdubey@gmail.com	Environmental Engineering
	<b>Srimanta Gupta</b> Professor, Department of Environment Science, University of Burdwan E-mail: srimantagupta@yahoo.co.in	Environmental Geology
Sectional Committee XIII: Electrical & Computational Engineering		Specialisation
	<b>Ananda Shankar Chowdhury</b> Professor and Former Head Electronics and Telecommunication Engineering, Jadavpur University E-mail: as.chowdhury@jadavpuruniversity.in	Computer Vision and Pattern Recognition
	<b>Partha Bhattacharyya</b> Associate Professor, Department of Electronics and Telecommunication Engineering, IEST E-mail: pb@telecom.iests.ac.in pb_etc_besu@yahoo.com	Nano-Sensor Device
	<b>Subrata Banerjee</b> Professor, Department of Electrical Engineering, NIT Durgapur E-mail: bansub2004@yahoo.com subrata.banerjee@ee.nitdgp.ac.in bansub2004@gmail.com	Power Electronics & Applied Control Systems

## List of Associates Elected in 2024

<b>Sectional Committee II: Physical Sciences</b>		<b>Specialisation</b>
	<p><b>Avijit Chowdhury</b> Associate Professor, Department of Condensed Matter and Materials Physics S.N. Bose National Centre for Basic Sciences E-mail: avijitc@bose.res.in</p>	Optoelectronics and Photocatalysis.
<b>Sectional Committee III: Chemical Sciences</b>		<b>Specialisation</b>
	<p><b>Anindita Das</b> Associate Professor, School of Applied and Interdisciplinary Sciences Indian Association for the Cultivation of Science E-mail: bm@iiserkol.ac.in</p>	Crystallization-driven polymer-assembly
<b>Sectional Committee IV: Systems Engineering &amp; Materials Science</b>		<b>Specialisation</b>
	<p><b>Atul Jain</b> Assistant Professor, Mechanical Engineering Department Indian Institute of Technology Kharagpur E-mail: atuljain@mech.iitkgp.ac.in</p>	Mechanics of Composites; Tailored Metamaterials
	<p><b>Chirodeep Bakli</b> Assistant Professor, Mechanical Engineering Department Indian Institute of Technology Kharagpur E-mail: chirodeep@iitkgp.ac.in</p>	Microfluidics and Nanofluidics
<b>Sectional Committee V: Earth &amp; Planetary Sciences</b>		<b>Specialisation</b>
	<p><b>Saradee Sengupta</b> Assistant Professor, Department of Geology, Durgapur Government College E-mail: saradeesengupta@gmail.com saradee_sengupta@durgapurgovtcollege.ac.in</p>	Vertebrate Palaeontology
	<p><b>Tridib Kumar Mondal</b> Assistant Professor Geological studies unit Indian Statistical Institute, Kolkata E-mail: tridibkumarmondal@gmail.com</p>	Structural Geology and Tectonics
<b>Sectional Committee XIII: Electrical &amp; Computational Engineering</b>		<b>Specialisation</b>
	<p><b>Abhijit Chandra</b> Associate Professor, Department of Instrumentation and Electronics Engineering, Jadavpur University E-mail: abhijit922@yahoo.co.in abhijit.chandra@jadavpuruniversity.in</p>	Signal and image processing.