



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY



**32nd
Annual General Meeting
July 4, 2023**

**Dr. J. C. Ray Auditorium
Indian Institute of Chemical Biology (IICB)**
4, Raja S. C. Mullick Road, Jadavpur, Kolkata - 700 032

Council 2021-2023

President

Prof. Somnath Dasgupta

INSA Senior Scientist

Geological Studies Unit, Indian Statistical Institute and

Honorary Professor, Indian Institute of Science Education & Research- Kolkata

Vice-Presidents

Prof. Partha P. Majumder

National Science Chair (Scientific Excellence), Government of India

Distinguished Professor and Founder, National Institute of Biomedical Genomics, Kalyani

Emeritus Professor, Indian Statistical Institute, Kolkata

Honorary Professor, Indian Institute of Science Education & Research, Mohali

Prof. Aswini Ghosh

Indian Association for the Cultivation of Science, Kolkata

Secretary

Prof. Debatosh Guha University of Calcutta

Treasurer

Dr. Mrinal Kanti Ghosh Indian Institute of Chemical Biology (CSIR-IICB)

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Dr. Santasabuj Das National Institute of Cholera and Enteric Diseases, Kolkata

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Prof. Sumita Jha NASI, Senior Scientist, University of Calcutta

Prof. Syamal Chakrabarti University of Calcutta



(S/65001 of 1990-1991)

West Bengal Academy of Science and Technology

Annual Report 2023

Thirty Second Annual General Meeting July 04, 2023

Venue :

**Dr. J. C. Ray Auditorium
CSIR-Indian Institute of Chemical Biology (IICB)
4, Raja S. C. Mullick Road, Jadavpur
Kolkata - 700 032**



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY

CSIR-Indian Institute of Chemical Biology

4, Raja S. C. Mullick Road, Jadavpur

Kolkata-700032, Tel. : (033) 2499-5796

Registered under the West Bengal Act XXVI of 1961

(S/65001 of 1990-91)

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Former Advisor, Executive Secretary, Indian Science Congress Association, Govt. of India

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Annual Report 2022-23

Report from the Secretary

Hon'ble President and Fellow Members :

I am honoured to present before the learned Fellowship of the Academy the Annual Report for the year 2022-2023.

- a) **Annual Oration :** The Annual oration in the 32nd AGM of the Academy is delivered by Professor Partha Pratim Majumder, National Science Chair (Scientific Excellence), SERB, Govt. of India, Former President, Indian Academy of Sciences, and West Bengal Academy of Science and Technology on July 4, 2023 in the Dr. J.C. Ray Auditorium, CSIR-Indian Institute of Chemical Biology, Kolkata. The title of his talk is “Enhancing Public Enthusiasm for Science: The Role of a Science Academy”.
- b) **Council Meeting :** The Present Council met 6 times after the AGM held on May 27, 2022 to discuss the major plans and activities of the academy.
- c) **Dr. Sunil Chandra Bose Memorial Oration :** Dr. Sunil Chandra Bose Memorial Oration was delivered by eminent clinician scientist Dr. Dipyaman Ganguly MBBS, PhD, Swarnajayanti Fellow, Principal Scientist, CSIR-Indian Institute of Chemical Biology, Kolkata on November 22, 2022 through Hybrid mode in the 1 st Floor Board Room, CSIR-Indian Institute of Chemical Biology, Kolkata. The title of his talk was “Piezo1 Mechanosensing in Immunocellular Regulation”. Professor Somnath Dasgupta, President, WAST welcomed the audience. Prof. Mitali Chatterjee briefly described the life and scientific contributions of Dr. Sunil Chandra Bose. The lecture was attended by a large number of Scientists, Clinicians, Students and others. The program ended with the vote of thanks offered by Prof. Mitali Chatterjee.
- d) **J. C. Sengupta Endowment Lecture :** This endowment lecture was delivered by Prof. R. Uma Shaanker, Senior Professor, Department of Bioscience and Bioengineering, Indian Institute of Technology, Jammu, on December 1, 2022, through a hybrid mode in the 1st Floor Board Room, CSIR-Indian Institute of Chemical Biology, Kolkata. The title of his talk was “Endophytes: Plant's Hidden Genome”. Professor Somnath Dasgupta, President, delivered the welcome address and reminisce about the life and activities of Prof. J. C. Sengupta. Prof. Uma Shaanker talked about how the microbes that survive within plants constitute a mini-ecosystem where the microbes can be the essential determinant for plant performance. He gave several examples where such association contributed to an array of plant growth benefits including synthesis of secondary metabolites. He highlighted how these insights are being translated into actual agricultural applications. The lecture was attended by several scientists, and students who also participated in an enlightening discussion on the prospects of Plant-microbe beneficial interactions. The program ended with the vote of thanks delivered by Prof. Maitrayee Das Gupta.

- e) Sponsored by the Royal Society, the Indian Institute of Science Education & Research, Kolkata, West Bengal Academy of Science & Technology and Presidency University, Kolkata organized a Public Lecture entitled “Living with earthquakes in Asia: what can science do to help” by Professor James Jackson, FRS, University of Cambridge, UK on 1st November, 2022 at 3 PM at the Derozio Hall, Presidency University, Kolkata.
- f) **Induction to the Fellowship and Associateship of the Academy :** Based on the recommendation of each Sectional Committee, the Council approved of the induction of eminent scientists to the Fellowship and promising young scientists to the Associateship of the Academy. Section-wise lists of the newly elected Fellows and Associates have been provided in this report.
- g) **Distinguished and Honorary Fellow Categories :** The nominations received under these categories have been kept in hold. The Council feels that there are requirements for some additional deliberations before taking decisions on these.
- h) **Endowment Fund :** A proposal was received from the family members of Late Professor Sarbani Patranabis Deb, a fellow of WAST, to establish an annual lecture in her memory with one time donation of an endowment fund of Rs. 5.0 lakh. The proposal was accepted by the EC and the fund has been duly organized to initiate the activity in 2023.
- i) **Executive Council for 2023-2025 :** The nomination committee and the incumbent EC have worked and proposed a new Executive Council for 2023-2025 to be placed in the AGM for approval.

I convey my sincere thanks to Dr. Arun Bandyopadhyay, Director, IICB, Kolkata for extending his continuous supports in holding all the meetings and seminars including the Annual General Meeting 2023 in the Institute premises. Very special thanks to Prof. Maitree Bhattacharyya, Director of Jagadish Bose National Science Talent Search (JBNSTS), Kolkata for collaborating with us in the science programs. I convey my sincere thanks to the members of the Executive Council and of all sectional committees including the conveners for their unstinted co-operation, help and support.

Debatosh Guha

Secretary

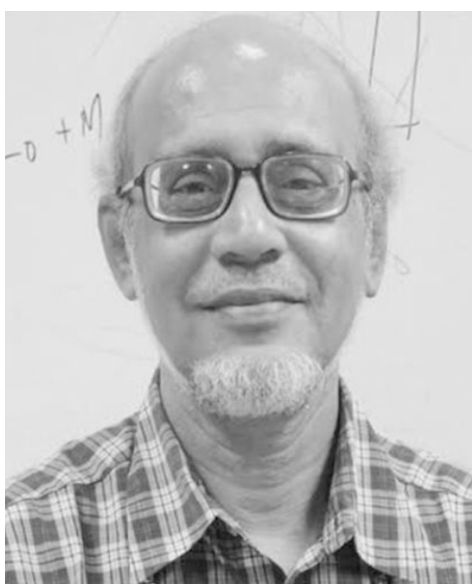
West Bengal Academy of Science and Technology



Annual Oration

Prof. Partha Pratim Majumder

National Science Chair (Scientific Excellence), SERB, Govt. of India
Former President, Indian Academy of Sciences, and
West Bengal Academy of Science and Technology



Enhancing Public Enthusiasm for Science: The Role of a Science Academy

4 July 2023 at 12:00 Noon

J C Ray Auditorium, Indian Institute of Chemical Biology
4, Raja S C Mullick Road, Jadavpur, Kolkata 700032

You are cordially invited to attend

WAST SECTIONAL COMMITTEES (2021-2023)

Sectional Committee I: Mathematical Sciences

Ayanendranath Basu, ISI, Kolkata (Convener)

Indrajit Lahiri, University of Kalyani

Sudeshna Banerjea, Jadavpur University

Rahul Mukerjee, (ex) IIM, Kolkata

Prof. Mihir Kumar Chakraborty, (ex) University of Calcutta

Sectional Committee II: Physical Sciences

Mrinal Pal, CGCRI, Kolkata (Convener)

Pathik Kumbhakar, NIT Durgapur

Bikas K. Chakrabarti, (ex) SINP, Kolkata

Sukhen Das, Jadavpur University

Abhijit Kr. Das, IACS, Kolkata

Swapan Kumar Pradhan, Burdwan University

Aswini Ghosh, IACS, Kolkata

Sectional Committee III: Chemical Sciences

Nikhil Guchhait, University of Calcutta (Convener)

Samita Basu, SINP, Kolkata

Subratanath Koner, Jadavpur University

Chinmay Chowdhury, IICB, Kolkata

Kumares Ghosh, University of Kalyani,

Tarun K Mandal, IACS, Kolkata

Surajit Chattopadhyay, University of Kalyani

Sectional Committee IV: Systems Engineering and Materials Science

(Aerospace, Mechanical, Civil, Metallurgy, Materials, Chemical, Energy and related areas)

Swarnendu Sen, Jadavpur University (Convener)

Amlan Jyoti Pal, IACS, Kolkata

Amitava Datta, Jadavpur University

Dipankar Chattopadhyay, University of Calcutta

Sekhar Chandra Dutta, IIT-ISM Dhanbad

Subrata Chakraborty, IEST, Kolkata

Suvankar Ganguly, Tata Steel

Sectional Committee V: Earth and Planetary Sciences

Joydip Mukhopadhyay, Presidency University, (Convener)

Subir Sarkar, Jadavpur University

Saibal Gupta, IIT, Kharagpur

Sankar Bose, Presidency University

Prabir Dasgupta, Durgapur Govt. College

Supriyo Mitra, IISER, Kolkata

Sudipta Sengupta, (ex) Jadavpur University

Sectional Committee VI: Plant Sciences

Maitrayee Dasgupta, University of Calcutta (Convener)

A. N. Lahiri Majumder, (ex) Bose Institute, Kolkata

Sudip Chattopadhyay, NIT Durgapur

Swapan Kr. Datta, Biswa Bangla University

Somnath Bhattacharya, BCKV, Kalyani

Sectional Committee VII: Animal Sciences

Arun Bandyopadhyay, IICB, Kolkata (Convener)

Subrata Adak, IICB, Kolkata

Sudip K Ghosh, IIT Kharagpur

Rathindra Nath Baral, Chittaranjan National Cancer Institute, Kolkata

Siddhartha Jana, IACS, Kolkata

Ellora Sen, National Brain Research Centre, Guargaon

Sectional Committee VIII: Medical and Veterinary Sciences

Mitali Chatterjee, IPGMER, Kolkata (Convener)

Jayasri Das Sarma, IISER Kolkata

Amit Ghosh, NICED, Kolkata

Alakendu Ghosh, IPGMER, Kolkata

Santanu Guha, Medical College, Kolkata

Partha Sarathi Bhattacharya, IPCR, Kolkata

Bibhuti Saha, School of Tropical Medicine, Kolkata

Sectional Committee IX: Biochemistry and Biophysics

Susanta Roychoudhury, IICB, Kolkata (Convener)

Syamal Roy, IICB, Kolkata

Sharmila Sengupta, National Institute of Biomedical Genomics, Kalyani

Koustubh Panda, University of Calcutta

Subrata Majumdar, Bose Institute, Kolkata

Shelley Bhattacharya, Visva Bharati University

Tanya Das, Bose Institute, Kolkata

Sectional Committee X: Agriculture and Forestry

Somnath Bhattacharyya, Bidhan Chandra Krishi Viswavidyalaya, Kalyani (Convener)

Tapan Purakayastha, Indian Agricultural Research Institute, New Delhi

Gouranga Kar, ICAR-Central Research Institute for Jute and Allied Fibres, Barrackpore

Bikash Mandal, Indian Agricultural Research Institute, New Delhi

Pratap Bhattacharyya, ICAR-National Rice Research Institute, Cuttack

K.G. Mandal, ICAR-Mahatma Gandhi Integrated Farming Research Institute, Bihar

Biswapati Mandal, Bidhan Chandra Krishi Viswavidyalaya, Kalyani

Sectional Committee XI: Social Sciences

Maitree Bhattacharya, University of Calcutta (Convener)

Manas Pratim Das, All India Radio, Kolkata

Amalesh Mukhopadhyay, DST, Govt. of India

Ambika C. Banerjee, (ex) East India Pharmaceutical Works

Sk. Emdadul Islam, (ex) Birla Industrial & Technological Museum

Shree Bhagwan Roy, (ex) Indian Institute of Bio Social Research & Development, Kolkata

Sectional Committee XII: Environmental Sciences

Pradip K. Sikdar, IISWBM, Kolkata (Convener)

Asis Majumdar, Jadavpur University

Pinaki Sar, IIT, Kharagpur

Tapan Kumar Dutta, Bose Institute, Kolkata

Sandip K. Mukhopadhyay, University of Calcutta

Tapan Adhya, KIIT, Bhubaneswar

Aniruddha Mukhopadhyay, University of Calcutta

Sectional Committee XIII: Electrical and Computational Engineering

**(Electrical, Electronics & Communication, Computer Science, Information Technology,
Instrumentation and related areas)**

Animesh Maitra, University of Calcutta (Convener)

Anupam Basu, IIT, Kharagpur

Ranjan Mallik, IIT, Delhi

Dipti Prasad Mukherjee, ISI, Kolkata

Rajib Bandyopadhyay, Jadavpur University

Debotosh Bhattacharjee, Jadavpur University

Chandrakanta Kumar, ISRO, Bangalore

List of Fellows Elected in 2022

Name, Address & Mail	Specialization
----------------------	----------------

Section I : Mathematical Sciences



Gangavamsam Pydi Raja Sekhar

Professor, Department of Mathematics, IIT Kharagpur

Email: rajas @ iitkgp.ac.in

Fluid Flow Problems Involving
Viscous Flows and
Flow Through Porous Media



Anil Kr. Ghosh

Professor,
Theoretical Statistics and
Mathematics Unit, ISI Kolkata
Email : akghosh@isical.ac.in

Nonparametric Statistical Methods

Section III : Chemical Sciences



Tapas Chakraborty

Professor and Director,
IACS Kolkata
Email : ptc.scs@gmail.com

Gas Phase Spectroscopy



Nilmoni Sarkar

Professor,
Department of Chemistry,
IIT Kharagpur
Email : nilmoni@chem.iitkgp.ac.in

Photophysical /
Photochemical Sciences



Priyadarsi De

Professor,
Department of Chemical Sciences,
IISER Kolkata
Email : p_de@iiserkol.ac.in

Polymer Chemistry

Section IV : Engineering & Technology



Prof. Deepankar Choudhury

Professor,
Department of Civil Engineering,
IIT Bombay
Email : dc@civil.iitb.ac.in
dchoudhury@iitb.ac.in
deepankarchoudhury@gmail.com

Earthquake Engineering



Bhanu Bhusan Khatua

Professor,
Materials Science Centre,
IIT Kharagpur
Email : khatuabb@matssc.iitkgp.ac.in

Bio-piezoelectric Materials



Anandaroop Bhattacharya

Professor,
Dept. Mechanical Engineering,
IITKharagpur
Email : anandaroop@mech.iitkgp.ac.in

Fluids and Thermal Sciences



Bhrigu Nath Singh

Professor,
Department of Aerospace Engineering,
IITKharagpur
Email : bnsingh@aero.iitkgp.ac.in

Stochastic Modeling
in Aerospace Engineering

Section V : Earth and Planetary Sciences



William K Mohanty

Professor,
Department of Geology and Geophysics,
IIT Kharagpur
Email : wkmohanty@gg.iitkgp.ac.in

Seismology and
Exploration Geophysics



Santanu Misra

Professor,
Department of Earth Sciences,
IIT Kanpur
Email : smisra@iitk.ac.in

Experimental Structural
Geology

Section VI : Plant Sciences



Debasis Chakrabarty

Senior Principal Scientist & Professor (AcSIR),
National Botanical Research Institute, Lucknow
Email : chakrabartyd@nbri.res.in

Rice Crop Improvement under Stress

Section VII : Animal Sciences



Monidipa Ghosh

Associate Professor,
Department of Biotechnology,
NIT Durgapur
Email : monidipa.ghosh@bt.nitdgp.ac.in

Parasite Genomics
and Drug Delivery



Amal Chandra Mondal

Associate Professor,
School of Life Sciences,
JNU, New Delhi
Email : acmondal@mail.jnu.ac.in
al_mondal@rediffmail.com

Neurosciences

Section VIII : Medical and Veterinary Sciences



Suman Kanungo

MBBS, Scientist E,
National Institute of Cholera and Enteric Diseases,
ICMR-NICED, Kolkata
Email : sumankanungo@gmail.com

Enteric Diseases



Sujoy Ghosh

MBBS, MD, DM, FRCP,
Professor, Dept. of Endocrinology,
IPGME&R, Kolkata
Email: drsujoyghosh2000@gmail.com

Non-Invasive Molecular Test



Thandarayan Ramamurthy

INSA-Senior Scientist,
NICED, Kolkata
Email: ramalmurthy@yahoo.com

Clinical Microbiology



Bhabatosh Das

Scientist,
Translational Health Science &
Technology Institute,
Faridabad
Email : bhabatosh@thsti.res.in

Microbial Genomics and Genetics

Section IX : Biochemistry & Biophysics



Ansuman Chattopadhyay
Professor, Department of Zoology,
Visva-Bharati, Santiniketan
Email : chansuman1@gmail.com

Toxicology of Metal Ions



Kaushik Biswas
Professor, Division of Molecular Medicine,
Bose Institute, Salt Lake, Kolkata
Email : kaushik@jcbose.ac.in
kbiswas_1@yahoo.com

Biochemistry of Gangliosides in Cancer



Nidhan K Biswas
Associate Professor,
National Institute of Biomedical Genomics,
Kalyani
Email : nkb1@nibmg.ac.in

Pathobiology of Gingivo-buccal Oral Cancer
(GBOC)



Rupasri Ain
Senior Principal Scientist,
Division of Cell Biology and Physiology,
IICB Kolkata
Email : rupasriain@gmail.com

Stem-cell Biology of
Placental Development

Section X : Agriculture and Forestry



Amlan K Patra
Asst. Professor,
Department of Animal Nutrition,
West Bengal University of Animal
and Fishery Sciences
Email : patra_amlan@yahoo.com

Mitigating Methane Production in Ruminants
using Bioactive Phytochemicals



Mir Asif Iquebal
Senior Scientist,
ICAR-Indian Agricultural Statistics Research Institute,
New Delhi
Email : ma.iquebal@icar.gov.in

Genomics and Bioinformatics of
Mango, Black Bengali Goat, Rohu Fish etc.

Section XII : Environmental Sciences



Abhijit Mukherjee

Professor,
Department of Geology and Geophysics,
IIT Kharagpur
Email : abhijit@gg.iitkgp.ac.in

Ground Water - Sourced
Drinking Water availability
Across India

Section XIII : Electrical and Computational Engineering



Satyabrata Jit

Professor,
Department of Electronics Engineering,
IIT BHU
Email : sjit.ece@iitbhu.ac.in

Semiconductor Devices



Sanatan Chattopadhyay

Professor,
Department of Electronic Science,
University of Calcutta
Email : scelec@caluniv.ac.in,
c_sanatan@yahoo.com

Semiconductor Materials and Devices
Fabrications



Anirban Mukhopadhyay

Professor,
Computer Science and Engineering,
University of Kalyani
Email : anirban@klyuniv.ac.in

Multi-Objective Evolutionary
Algorithms

List of Associates 2022



Mijanur Rahaman Molla (B. : 30-06-1986)

Asst. Professor, Dept. of Chemistry, University of Calcutta

Email: mija.chem@gmail.com

mrchem@caluniv.ac.in

Supramolecular
and
Polymer Chemistry



Subhronil Mondal (B. : 30-03-1987)

Asst. Professor, Department of Earth Sciences,

IISER Kolkata

Email : subhronil.m@iiserkol.ac.in

subhronil.m@gmail.com

Paleobiology



Arpan Kumar Pradhan (B. : 26-02-1985)

Asst. Professor, Electrical Engineering,

Jadavpur University

Email: arpan.pradhan85@gmail.com

High Voltage Transformers

WAST COUNCIL (2021-2023)

Position in Office	Name	Email address
President	Somnath Dasgupta	somnathdasg@gmail.com
Vice Presedent	Partha Pratim Majumder	ppm1@nibmg.ac.in
Vice President	Aswini Ghosh	sspag@iacs.res.in, aswghosh@gmail.com
Secretary	Debatosh Guha	dguha@ieee.org, dgirpe@yahoo.com
Treasurer	MrinalKanti Ghosh	mrinalghosh@iicb.res.in, mrinal.res@gmail.com
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Member	Ashutosh Ghosh	agchem@caluniv.ac.in, ghosh_59@yahoo.com
Member	Sumita Jha	sumitajha.cu@gmail.com
Member	Krishnanghsu Ray	raykris1971@gmail.com
Member	Santasabuj Das	santasabujdas@yahoo.com
Member	Probir Kumar Ghosh	igfri.director@gmail.com, ghosh_pk2006@yahoo.com
Member	Syamal Chakrabarti	scchem1957@gmail.com
Member	Joydeep Mukherjee	joydeep.mukherjee@jadavpuruniversity.in
Member	Sivaji Chakravorti	sivaji@ee.jdvu.ac.in, s_chakrav@yahoo.com



*Statement of Accounts
&
Auditor's Report
Year : 2022 - 2023*

Council 2021-2023

President	Prof. Somnath Dasgupta INSA Senior Scientist Geological Studies Unit, Indian Statistical Institute and Honorary Professor, Indian Institute of Science Education & Research- Kolkata somnathdasg@gmail.com
Vice-Presidents	Prof. Partha P. Majumder National Science Chair (Scientific Excellence), Government of India Distinguished Professor and Founder, National Institute of Biomedical Genomics, Kalyani Emeritus Professor, Indian Statistical Institute, Kolkata Honorary Professor, Indian Institute of Science Education & Research, Mohali ppm1@nibmg.ac.in Prof. Aswini Ghosh Indian Association for the Cultivation of Science, Kolkata sspag@iacs.res.in, aswghosh@gmail.com
Secretary	Prof. Debatosh Guha University of Calcutta dguha@ieee.org
Treasurer	Dr. Mrinal Kanti Ghosh Indian Institute of Chemical Biology (CSIR-IICB) mrinalghosh@iicb.res.in, mrinal.res@gmail.com
Editor	Dr. Amit Krishna De Indian Science Congress Association amitkde_2000@yahoo.com
Members	Prof. Ashutosh Ghosh University of Calcutta agchem@caluniv.ac.in, ghosh_59@yahoo.com Prof. Joydeep Mukherjee Jadavpur University joydeep.mukherjee@jadavpuruniversity.in Dr. Krishnangshu Ray Peerless Hospital, Kolkata raykris1971@gmail.com Prof. Manisha Pal University of Calcutta manishapal2@gmail.com Dr. Probir Kumar Ghosh (ICAR-National Rice Research Institute), Jharkhand igfri.director@gmail.com, ghosh_pk2006@yahoo.com Dr. Santasabuj Das National Institute of Cholera and Enteric Diseases, Kolkata santasabujdas@yahoo.com Prof. Sivaji Chakravorti Jadavpur University sivaji@ee.jdvu.ac.in, s_chakrav@yahoo.com Prof. Sumita Jha NASI, Senior Scientist, University of Calcutta sumitajha.cu@gmail.com Prof. Syamal Chakrabarti University of Calcutta scchem1957@gmail.com

4, Raja S. C. Mallick Road, Kolkata - 700032

Receipts

Place : Kolkata

Dated : 26/04/2023

Somnath Dasgupta

For WB Academy of Science and Technology
President

epha

For WB Academy of Science and Technology
Treasurer

Deke

For WB Academy of Science and Technology
Secretary

In terms of our report of even date

Debasis Bandyopadhyay, Proprietor
For Debasis Bandyopadhyay & Co.
Chartered Accountants

Membership No. - 057861



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY
4, Raja S. C. Mallick Road, Kolkata - 700032

Income and Expenditure Account for the year ended 31st March 2023

Expenditure	Amt(Rs.)	Income	Amt(Rs.)
To, Salary to Staff (Part Time)	55,000.00	By, Interest on Fixed Deposit	13,873.00
" Allowance out of JBSC grant	-	" Life Membership Subscription	1,98,000.00
" Printing and Publication	21,500.00		
" Bank Charges	649.00		
" Website maintenance	52,603.00		
" Annual General Body Meeting	84,050.00		
" Executive Committee Meeting	13,000.00		
Stationery, Printing, Refreshments etc.	4,463.00		
Audit Fees (for FY 2020-21 and 2021-22)	11,800.00		
" Depreciation on Furnitures	36.00		
" Excess of expenditure over income (deficit) transferred to General Fund	(31,228.00)		
	<u>2,11,873.00</u>		<u>2,11,873.00</u>

Place : Kolkata

Dated : 26/04/2023

Somnath Dasgupta

For WB Academy of Science and Technology
President

[Signature]

For WB Academy of Science and Technology
Secretary

[Signature]

For WB Academy of Science and Technology
Treasurer

In terms of our report of even date

[Signature]

Debasis Bandyopadhyay, Proprietor
For Debasis Bandyopadhyay & Co.
Chartered Accountants
Membership No. - 057861



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY
4, Raja S. C. Mallick Road, Kolkata - 700032

Balance Sheet as on 31st March 2023

Liabilities	Amt(Rs.)	Amt(Rs.)	Assets	Amt(Rs.)	Amt(Rs.)
General Fund			Fixed Assets		
As per last a/c	4,61,737.44		Furnitures (as per last a/c)	363.00	
Less : (Deficit) for the year	(31,228.00)	4,30,509.44	Less : Depreciation @ 10%	36.00	327.00
Corpus Fund					
As per last a/c		1,77,760.00	Cash and Bank Balance		
			Cash in hand		1,515.00
Current Liabilities			Cash at Bank		
Grant from Jagadish Bose Science Centre		30,000.00	i) Current a/c with SBI		
(Pending Utilization)			(A/c No. 11079700023)	2,38,121.44	
			ii) Fixed Deposit (WAST)	2,28,306.00	
			iii) Fixed Deposit	1,70,000.00	6,36,427.44
			(Endowment Fund)		
		<u>6,38,269.44</u>			<u>6,38,269.44</u>

Place : Kolkata

Dated : 26/04/2023

Somnath Dasgupta

For WB Academy of Science and Technology
President

[Signature]

For WB Academy of Science and Technology
Secretary

[Signature]

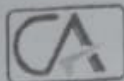
For WB Academy of Science and Technology
Treasurer

In terms of our report of even date

[Signature]

Debasis Bandyopadhyay, Proprietor
For Debasis Bandyopadhyay & Co.
Chartered Accountants
Membership No. - 057861





INDEPENDENT AUDITOR'S REPORT

To the members of **WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY**

Opinion

We have audited the financial statements of **WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY**, 4, Raja S. C. Mallick Road, Kolkata - 700032, which comprises of the Balance Sheet as on 31st March 2023 and the Income and Expenditure Account for the year then ended and notes to the financial statements including a summary of significant accounting policies.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the entity as at March 31, 2023, and of its deficit for the year then ended in accordance with the Accounting Standards issued by the ICAI.

Basis of Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs) issued by ICAI. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the entity in accordance with the ethical requirements that are relevant to our audit of the financial statements under West Bengal Act XXVI of 1961, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and those Charged with Governance for the Financial Statements


Management is responsible for the preparation and fair presentation of the financial statements in accordance with the aforesaid Accounting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the entity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the entity or to cease operations, or has no realistic alternative but to do so. Those charged with governance are responsible for overseeing the entity's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

For DEBASIS BANDYOPADHYAY & CO.
Chartered Accountants
[Firm Registration No. - 324338E]


Debasis Bandyopadhyay, Proprietor
(M. No - 057861)
Place: Kolkata
Dated: 26/04/2023
UDIN - 23057861BGVCYN4951



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY

Notes attached to and forming part of the Accounts for the year 2022-2023

A. SIGNIFICANT ACCOUNTING POLICIES

1. Accounting Concepts

The society follows the cash system of accounting and recognizes the income and expenditure on cash basis, whenever received or paid as the case may be, are being recorded.

The accounts are being prepared on historical cost and going concern concept. Accounting policies referred to otherwise are consistent with generally accepted accounting principles.

2. Fixed Assets and Depreciation

Fixed Assets have been shown at written down value, after charging depreciation. Depreciation has been charged under written down valued method and at the rates specified under Income Tax Act, 1961 with effect from the financial year 2013-2014.

3. Membership Subscriptions

Membership fees received has been treated as revenue receipts as per accounting policy continuously followed;

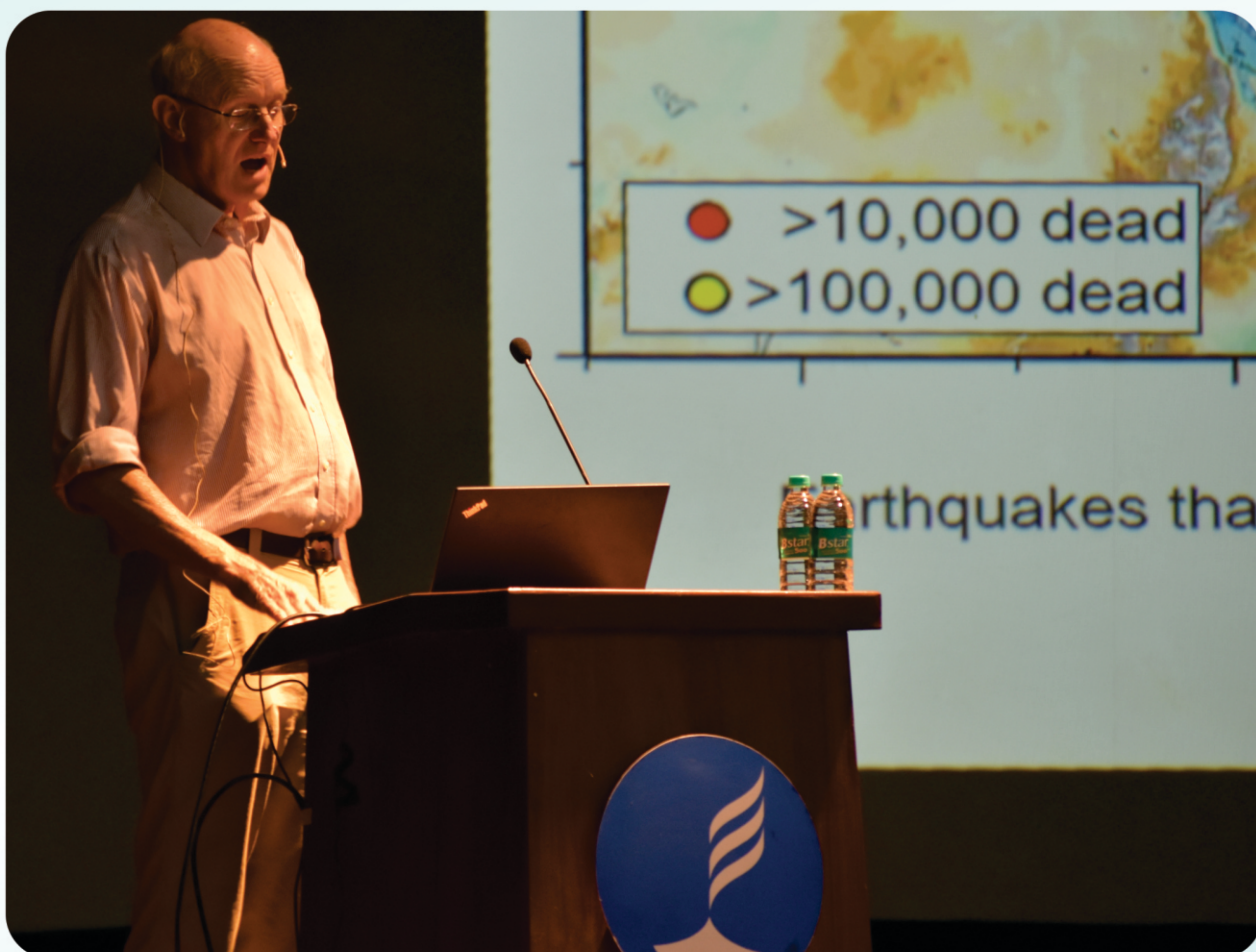
4. Investments

Investments in fixed deposits has been recorded at face value being invested; interest accrued and not due are not being accounted for as the accounting method followed by the society is cash basis accounting.

B. NOTES TO ACCOUNTS

Grant received from Jagadish Bose Science Centre received during the year 2022-2023, not being utilized in the current financial year, is being treated as liability of the society, as on 31/03/2023.





Prof. James Jackson, FRS
University of Cambridge in a program under the aegis of WAST

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