



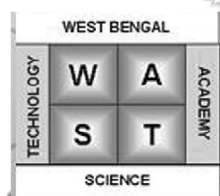
Twenty Ninth Annual General Meeting

17th December, 2019

at Dr. J. C. Ray Auditorium

CSIR - Indian Institute of Chemical Biology

Kolkata - 700 032



(S/65001 of 1990 - 1991)

Office :

CSIR - Indian Institute of Chemical Biology

Kolkata - 700 032

WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY
CSIR-Indian Institute of Chemical Biology
4, Raja S. C. Mullick Road, Jadavpur
Kolkata 700 032
Phone: (033) 2499-5796

Registered under the West Bengal Act XXVI of 1961
(S/65001 of 1990-91)
PAN- AAATW0707E

Published by:

Prof. Satyabrata Pal, Elected Member, ISI, FRSS, FIAH, FIFSI
Honorary Professor & Adviser, Sister Nivedita University
Formerly, Dean Post Graduate Studies and Professor, Bidhan Chandra Krishi
Viswavidyalaya, Nadia, W.B., & Honorary Visiting Professor, Indian Statistical
Institute, Kolkata
Editor, West Bengal Academy of Science and Technology

Assisted by:

Dr. Arun Bandyopadhyay, M. Tech, Ph. D., FNASc
Scientist In-Charge, CSIR-IICB Salt Lake Campus
Secretary, West Bengal Academy of Science and Technology

WAST Secretariat :

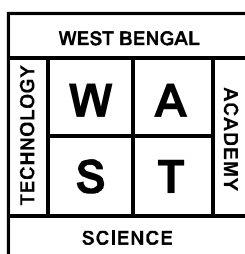
CSIR-Indian Institute of Chemical Biology
4, Raja S.C. Mullick Road
Jadavpur, Kolkata 700 032
Telephone: (033)2499-5796
E-mail: wast.secretary@gmail.com
Website: <http://www.iicb.res.in/wast/>

Printed by:

Creative Data Centre
58/32, Prince Anwar Shah Road
Kolkata- 700 045
E-mail: creative.174_dc@yahoo.in

29th ANNUAL GENERAL MEETING

ANNUAL ORATION 2019



Speaker

Professor Gautam Basu

Bose Institute

Topic: "Acharya J C Bose: The Road not taken"

Venue : J. C. Ray Auditorium, CSIR-IICB, Jadavpur

Date & Time : December 17, 2019 at 12 noon

**WEST BENGAL ACADEMY OF
SCIENCE AND TECHNOLOGY**

Annual Report 2019

Report from the Secretary

President and Fellow members:

I am honoured to present before the learned Fellowship of the Academy the Annual Report of activities of the Academy for the year 2019. The Academy under the able leadership of Professor Partha Pratim Majumder (Distinguished Scientist & Founder of National Institute of Biomedical Genomics, Kalyani) has completed three years of its term. The Academy organized Annual Oration, Memorial Oration and Endowment lectures and Scientific Talks jointly with other organizations, which are of high academic importance and social relevance.

- a) **Annual Oration:** Annual oration for the 28th AGM of the Academy was delivered by Professor Partha P Majumder, President WAST on March 20, 2019 in the Dr. J. C. Ray Auditorium, CSIR-Indian Institute of Chemical Biology, Kolkata. The title of his talk was “**Prasanta Chandra Mahalanobis, Rabindranath Tagore and the Sriniketan Experiment**”. The Annual Oration was attended by a large number of students, teachers and fellows of the Academy.
- b) **Council Meeting:** The present Council met three times prior to the AGM being held today. The Conveners of the Sectional Committees were also invited in every Council meeting to promote better management so as to render distinct improvement in the activities of the Academy.
- c) **Dr. Sunil Chandra Bose Memorial Oration**

Dr. Sunil Chandra Bose Memorial Oration was delivered by eminent surgeon Dr. Arnab Gupta, Director, Saroj Gupta Cancer & Research Institute, Thakurpukur on the November 15, 2019 at the National Institute of Cholera and Enteric diseases (NICED), Kolkata. The title of the talk was “Recent Developments in Cancer Surgery”. Prof D N Bose reminisced about the life & activities of Dr Sunil Chandra Bose. Professor Partha Pratim Majumder, President, delivered the welcome address and Dr. Asish K. Mukhopadhyay, Convener, Medical & Veterinary Science Section introduced the speaker to the audience. The lecture was attended by a large number of Scientists, Clinicians, Students and others. The talk was also attended by many members of the Bose family. At the end of the lecture Dr. Gupta was felicitated by the President with a plaque. The program ended with a vote of thanks delivered by Dr. Arun Bandyopadhyay, Secretary, WAST. The academy is grateful to Dr. Shanta Datta, Director, NICED for hosting the memorial oration in their Institute.

d) Endowment Lectures

16th Dr. J. C. Sengupta Endowment lecture was organized in the Department of Botany, University of Calcutta, on the 4th September, 2019. The endowment lecture was delivered by Professor Professor Sudip Chattopadhyay, National Institute of Technology (NIT) Durgapur). The title of the talk was “The inter-regulation of CAM7, MYC2 and HY5 transcription factors in Arabidopsis seedling development “. The lecture was attended by the students and teachers of the host department and many WAST fellows. President, WAST felicitated a Professor Sudip Chattopadhyay with a plaque for Dr. J. C. Sengupta endowment. The event was ended with vote of thanks by Dr. Arun Bandyopadhyay, Secretary, WAST. A sincere appreciation is due to Professor Amita Pal, Convener, Plant Sciences section for actively helping the organisation of the event. The Academy is also grateful to the Head of the department of Botany for hosting this oration lecture.

e) Public Lecture

A scientific lecture by Dr. Marsha R. Rosner, Charles B. Huggins Professor, The Ben May Department for Cancer Research; Fellow, Institute for Molecular Engineering was organized jointly by WAST, Indian Academy of Sciences and Calcutta Consortium of Human Genetics at Bose Institute, Unified Campus, Salt Lake on June 27, 2019. The title of the talk was “Heterogeneity and Cancer”. The talk was attended by a large number of academics, scientists and students.

f) Symposium

One day symposium on “Applications of Advanced Tools and Technology in Plant Biology”, organized by the West Bengal Academy of Science and Technology (WAST) in collaboration with the Centre of Advance Study, Department of Botany, CU and the Archana Sharma Foundation of Calcutta, was held on the 6th March, 2019 in the Archana Sharma Memorial Hall in the Department of Botany, University of Calcutta. A large number of students and teachers participated in the event.

- g)** Professor Satyabrata Pal, Editor, WAST, has conveyed his heartfelt appreciation to all members of the learned Fellowship of the Academy for their kind cooperation towards communicating the updated bio-information for the WAST YEAR BOOK 2019. If the transmitted information by any Fellow has not been included in this Year Book inadvertently, the same may kindly be communicated to the Editor for inclusion in the next Year Book.

h) Induction to the Fellowship of the Academy

Based on the recommendation of each Sectional Committee, the Council approved of the induction of the eminent scientists to the Fellowship of the Academy. The Section-wise lists of members approved are presented on the pages 15 to 19 of the Yearbook.

Finally, I convey my sincere thanks and gratitude to the Director, CSR-IICB for providing us all the facilities for organizing the Annual General Meeting of the WAST at the Institute premises. I also convey my thanks to all the EC Members and the Conveners for assisting me to conduct the various activities of the WAST.



Dr. Sunil Chandra Bose Memorial Oration 2019



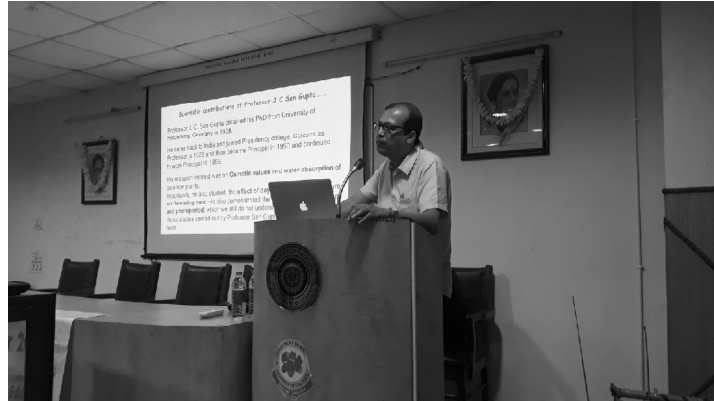
AGM, 2018-19



Annual Oration by Professor Partha Pratim Majumder



Dr. Sunil Chandra Bose Memorial Oration 2019



16th J C Sengupta Endowment Lecture



16th J C Sengupta Endowment Lecture



Lecture by Dr. Marsha R. Rosner



Falicitation to VP by HOD, Botany



Dean of Science, CU with VP, WAST



Dr. Nrisingha Dey, Bhubaneswar



Prof. Amita Pal felicitating the Vice-President of ASFC for chairing the second technical session



Audience

West Bengal Academy of Science and Technology

Council

President

Prof. Partha Pratim Majumder
Distinguished Professor
National Institute of Biomedical Genomics (NIBMG)
Kalyani

Vice-Presidents

Prof. Dhruvajyoti Chattopadhyay
Vice Chancellor
Amity University
Kolkata

Prof. Debatosh Guha
Director
Centre for Research in Nanoscience &
Nanotechnology, University of Calcutta

Secretary

Dr. Arun Bandyopadhyay
Scientist In-Charge
CSIR-IICB Salt Lake Campus

Treasurer

Dr. Snehasikta Swarnakar
Senior Principal Scientist
CSIR-IICB, Kolkata

Editor

Prof. Satyabrata Pal
Honorary Professor & Adviser, Sister Nivedita University
Formerly, Dean Post Graduate Studies and Professor, BCKV, W.B.,
& Honorary Visiting Professor, ISI, Kolkata

Members

Prof. Amitava Datta
Prof. Amita Pal
Prof. Tapan Ganguly
Dr. Goutam De
Dr. P. Sujatha Devi

Prof. Biswapati Mandal
Prof. Surajit Chattopadhyay
Dr. Uday Bandyopadhyay
Prof. Subrata Ghosh
Dr. Manas Pratim Das

WAST SECTIONAL COMMITTEES

(2018-2019)

Sectional Committee I: Mathematical Sciences

Prof. Satyabrata Pal (**Convener**), Prof. Ayanendranath Basu, Prof. Bidyut Baran Chaudhuri, Prof. Manabendra Nath Mukherjee, Prof. Sudeshna Banerjea, Prof. Indrajit Lahiri, Prof. Asis Kumar Chattopadhyay, Prof. Uday Chand De, Prof. Manisha Pal.

Sectional Committee II: Physical Sciences

Prof. Aswini Ghosh (**Convener**), Prof. Debnarayan Jana, Prof. Pabitra K. Chakrabarty, Prof. Indranil Das, Prof. Tapan Ganguly.

Sectional Committee III: Chemical Sciences

Prof. Surajit Chattopadhyay (**Convener**), Prof Subrata Ghosh, Prof Samarendra Bhattacharya, Prof Ashutosh Ghosh, Prof Nitin Chattopadhyay, Prof Subhas Chandra Bhattacharyya, Dr. P. Sujatha Devi.

Sectional Committee IV: Engineering and Technology

Prof. Amitava Datta (**Convener**), Dr. R. N. Basu, Prof. Debatosh Guha, Prof. Bhabani Prasad Sinha, Prof. Mita Nasipuri, Prof. Ujjwal Maulik, Prof. N. R. Bandyopadhyay.

Sectional Committee V: Earth and Planetary Sciences

Prof. Nibir Mandal (**Convener**), Prof. Anindya Sarkar, Dr. Santanu Bose, Prof. Sumit Ray, Prof. Bijan Saha, Dr. Anupendu Guha, Prof. Sudipta Sengupta.

Sectional Committee VI: Plant Sciences

Prof. Amita Pal (**Convener**), Dr. Pratip Pal, Prof. Sumita Jha, Prof. Maitrayee Das Gupta, Prof. Kashinath Bhattacharya, Prof. Subir Bera.

Sectional Committee VII: Animal Sciences

Dr. Sib Sankar Roy (**Convener**), Prof. Dilip Mukherjee, Prof. Saumen Kumar Maitra, Dr. Ashok Kumar Giri, Dr. Subhash Chandra Biswas, Dr. Mahitosh Mandal.

Sectional Committee VIII: Medical and Veterinary Sciences

Dr. Asish K Mukhopadhyay (**Convener**), Prof. Amiya Hati, Dr. Manoj Kumar Chakraborti, Dr. Parthasarathi Bhattacharya, Prof. Bibhuti Saha, Dr. Amit Ghosh, Prof. Somnath Roy.

Sectional Committee IX: Biochemistry and Biophysics

Prof. Gaurisankar Sa (**Convener**), Prof. Dhrubajyoti Chattopadhyay, Prof. Tanya Das Dr. Susanta Roychaudhury, Dr. Mrinal K. Ghosh.

Sectional Committee X: Agriculture and Forestry

Prof. Biswapati Mandal (**Convener**), Dr. P. K. Ghosh, Dr. H. Pathak, Prof. Somnath Bhattacharjya, Dr. Anirban Roy, Dr. Arin Ghosh, Dr. H. S. Sen.

Sectional Committee XI: Social Sciences

Dr. Shree Bhagwan Roy (**Convener**), Prof. Papiya Nandy, Sk. E. Islam, Shri G. S. Rautela, Dr. Ambika Charan Banerjee, Dr. Sushil Mitra, Dr. Manas Pratim Das, Dr. Amalesh Mukhopadhyay.


Sectional Committee XII: Environmental Sciences

Prof. Aniruddha Mukhopadhyay (**Convener**), Prof. Alope Mookerjee, Prof. Sudip Banerjee, Prof. Anup Kr. Mitra, Dr. Arunava Majumdar, Prof. Joydeep Mukherjee.

List of Fellows Elected in 2019


Name & Address	Specialization
----------------	----------------


Section I : Mathematical Sciences


 Prof. Saurabh Ghosh Human Genetics Unit Indian Statistical Institute 203 B T Road, Kolkata 108 Email: saurabh@isical.ac.in	Biostatistics, Statistical Genetics/ Genetic Epidemiology
---	--

 Prof. Bibhas Chandra Giri Department of Mathematics Jadavpur University Kolkata 700032. Email: bcgiri.jumath@gmail.com	Operations Research
---	---------------------


Section II: Physical Sciences

 Prof. Banasri Basu Physics and Applied Mathematics Unit Indian Statistical Institute Kolkata- 700108 Email: banasri@isical.ac.in sribbasu@ gmail.com	Theoretical Condensed Matter Physics
--	---

 Prof. Ushasi Datta Saha Institute of Nuclear Physics 1/AF Bidhannagar, Kolkata-700064, India Email: ushasi.dattapramanik@saha.ac.in	Experimental Nuclear Physics
---	------------------------------

 Dr. Surajit Ghosh Department of Physics, Vidyasagar University, Midnapore 721102 Email: surajit@mail.vidyasagar.ac.in	Electrical Conductivity, Photocurrent Generation & Photocatalytic Activity
--	--

Section III: Chemical Sciences

 Prof. Pralay Maiti School of Materials Science and Technology Indian Institute of Technology (BHU) Varanasi 221005 Email: pmaiti.mst@itbhu.ac.in	Polymer Chemistry
---	-------------------

**Dr. Gautam Panda**

Medicinal and Process Chemistry Division
 CSIR-Central Drug Research Institute
 Sector 10, Jankipuram Extension, Sitapur Road
 Lucknow 226031
 Email: gautam.panda@gmail.com
 gautam_panda@cdri.res.in

Synthetic Organic &
 Medicinal Chemistry

**Prof. Pradipta Purkayastha**

Department of Chemical Sciences
 Indian Institute of Science Education and Research, Kolkata
 Mohanpur 741246, Nadia, WB
 Email: pradiptp@gmail.com
 ppurkayastha@iiserkol.ac.in

Physical Chemistry

Section IV: Engineering and Technology**Prof. Debotosh Bhattacharjee**

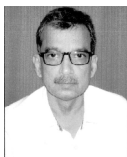
Department of Computer Science and Engineering
 Jadavpur University
 Kolkata-700032
 Email: debotosh@ieee.org
 debotoshbh@gmail.com

Pattern Recognition,
 Image Processing &
 Machine Learning

**Prof. Animesh Biswas**

National Institute of Technology Rourkela
 Rourkela-769008, Odisha
 Email: abiswas@iitk.ac.in

Applied Electromagnetics &
 Microwaves

**Prof. Dipankar Chattopadhyay**

Dept. of Polymer Science & Technology
 Calcutta University
 92, Acharya Prafulla Chandra Road
 Kolkata – 700009
 Email: dipankar.chattopadhyay@gmail.com

Conducting Polymer for Application
 in Electronics

**Prof. Himadri Chattopadhyay**

Department of Mechanical Engineering
 Jadavpur University
 188 Raja S.C. Mullick Road
 Kolkata 700032
 Email: chimadri@gmail.com

Thermal Engineering/
 Computational Field Dynamics

**Dr. Ashoke De**

Department of Aerospace Engineering
 Indian Institute of Technology Kanpur,
 Kanpur 208016
 Email: ashoke@iitk.ac.in

Aerospace & Mechanical
 Engineering

Section V: Earth and Planetary Sciences



Prof. Gautam Ghosh

Department of Geology
Presidency University
86/1 College Street
Kolkata- 700073
Email: gautam0262@gmail.com
gautam.geol@presiuniv.ac.in

Structural Geology, Tectonics &
Precambrian Geology



Prof. Supriyo Mitra

Department of Earth Sciences
Indian Institute of Science Education and
Research, Kolkata
Mohanpur 741246 Nadia
West Bengal, India.
Email: supriyomitra@iiserkol.ac.in
supriyomitra@gmail.com

Earth Sciences, Geophysics
Seismology, Continental Tectonics



Dr. Tapan Pal

Geological Survey of India
Shylla Building
Nongrim Hills
Shillong-793003
Email: paltapan62@gmail.com

Mineralogy, Petrology, Tectonics,
Volcanology

Section VI: Plant Sciences



Dr. Manoj Majee

National Institute of Plant Genome Research
ArunaAsaf Ali Marg,
New Delhi- 110067
Email: manojmajee@nipgr.ac.in

Plant Molecular Biology &
Biotechnology



Prof. Ashis Kumar Nandi

School of Life Sciences
Jawaharlal Nehru University
New Delhi 110067
Email: ashis_nandi@yahoo.com
ashis_nandi@mail.jnu.ac.in

Plant Molecular Biology & Plant
Pathogen Interaction

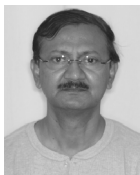
Section VIII: Medical and Veterinary Sciences



Dr. Anindya Sundar Ghosh

Department of Biotechnology
Indian Institute of Technology Kharagpur
Kharagpur, West Midnapore
West Bengal, Pin-721302
E-mail: anindyain@yahoo.com

Anitmicrobial Chemotherapy
& Molecular Microbiology

**Dr. Hemanta Koley**

Division of Bacteriology

National Institute of Cholera and Enteric Diseases Diarrhoeal Disease, Immunology
P-33, C.I.T. Road, Scheme XM & Vaccine Research

Beliaghata, Kolkata-700010.

Email :hemantakoley@hotmail.com

Section IX: Biochemistry and Biophysics**Dr. Krishnananda Chattopadhyay**

Structural Biology and Bioinformatics Division

CSIR-Indian Institute of Chemical Biology

4 Raja SC Mullick Road

Kolkata 700032, India

Email: krish@iicb.res.in

Single Molecule Spectroscopy,

Protein Aggregation &

Neurodegenerative Diseases

**Dr. Benu Brata Das**

School of Biological Sciences

Indian Association for The Cultivation of Science Molecular Biology & Biochemistry

2A and 2B Raja S C Mullick Road, Jadavpur,

Kolkata-700032, India

Email: pcbbd@iacs.res.in;

benubrata@yahoo.com

**Dr. Chandrima Das**

Biophysics and Structural Genomics Division

Saha Institute of Nuclear Physics Sector-I,

Block- AF, Salt Lake

Kolkata-700064, West Bengal

Email: chandrima.das@saha.ac.in

Epigenetic Regulation of Chromatin
& its Implication in Diseases**Dr. Arindam Maitra**

National Institute of Biomedical Genomics

PO: NSS, Kalyani 741251

Email: am1@nibmg.ac.in

Human Genetics & Genomics

**Prof. Ashis Kumar Mukherjee**

Department of Molecular Biology and

Biotechnology

Tezpur University,

Tezpur-784018, Assam, India

E-mail: akm@tezu.ernet.in

ashmukh@yahoo.co.uk

Proteomics of Snake Venom

**Dr. Mahadeb Pal**

Division of Molecular Medicine

Bose Institute

P-III CIT Scheme VIIM

Kolkata 700054

Email :palmahadeb@gmail.com

Gene Regulation & Cellular
Signalling

Section X: Agriculture and Forestry



Prof. Siba Prasad Datta

Division of Soil Science and Agricultural
Chemistry
ICAR-Indian Agricultural Research Institute
New Delhi-110012
E-mail: spdatta@yahoo.com

Soil Chemistry, Fertility & Pollution



Dr. Debashis Mandal

ICAR-Indian Institute of Soil and Water
Conservation
218 Kaulagarh Road
Dehradun, 248 195, Uttarakhand
Email: dmandalcswerti@gmail.com

Soil Science, Soil Erosion &
Conservation



Dr. Tapan Jyoti Purakayastha

Division of Soil Science and Agricultural
Chemistry
Indian Agricultural Research Institute
New Delhi 110012
Email: tpurakayastha@gmail.com

Soil Carbon Sequestration &
Phytoremediation

Section XII: Environmental Sciences



Mr. Sitendu Mandal

Specialty Glass Technology Division & Programme Management
Division & Publicity and Public Interface Division
CSIR-Central Glass and Ceramic Research Institute
196, Raja S.C. Mullick Road Kolkata 700 032
Email: sitendum@cgcir.res.in

High Density Radiation Shielding
Window Glass

Associate

Section IX: Biochemistry & Biophysics



Dr. Arghya Adhikary

Centre for Research in Nanoscience and
Nanotechnology
University of Calcutta
E mail: adhikaryarghya@gmail.com

Cancer Research Nanoscience &
Drug Delivery

**Minutes of the 28th AGM held on 20th February, 2019
at CSIR- Indian Institute of Chemical Biology,
Jadavpur, Kolkata - 700032**

The 28th Annual General Meeting (AGM) of the Academy held on the 20th February, 2019 (Wednesday) at 2.30 PM in Dr. J.C. Ray Auditorium, CSIR-Indian Institute of Chemical Biology (IICB), Jadavpur, Kolkata under the Chairmanship of Prof. Partha Pratim Majumder, President of WAST. The following resolutions were adopted after discussion:

- Item 1.0:** The Minutes of the 27th AGM of the Academy held on 5th March, 2018 at CSIR-IICB confirmed (Minutes printed in the Annual Report of the Academy for 2017 and circulated to all the Fellows).
- Item 2.0:** The Annual Report of the Academy for the year 2018 was placed in the meeting and adopted for confirmation.
- Item 3.0:** Auditor's Report for the financial year 2017-18 was presented by the Treasurer and was approved after discussion.
- Item 4.0:** The same Auditor is appointed for the year 2018-19.
- Item 5.0:** Apart from the regular Endowment, Memorial and Oration Lecture, the details of other programs of the Academy will be planned and organized by the EC.
- Item 7.0:** The names of the newly elected Fellows of the Academy for the year 2018 were announced and the President handed over the certificates to these eminent academicians.
- Item 8.0:** The Fellows of WAST present in the AGM held on the 20th February, 2019 unanimously approved of the extension of another 2 year tenure of the present Council.

Item 9.0: The AGM was glorified by the gracious presence of Shri Bratya Basu, Hon'bl Minister-in-charge, Department of Science & Technology and Biotechnology, Govt. of West Bengal. The Academy expressed its willingness to provide services to the Govt. of West Bengal in the domain of the Climate of Science & Technology of our state. The Honorable MIC has expressed his willingness to support the Academy.

The General Body appreciated the efforts made by the Council and supported the initiatives mentioned above. The meeting ended with a vote of thanks to the Chair.

Concluding Note from the Secretary

The activities of the West Bengal Academy of Science and Technology undertaken during the year 2019 are presented in the preceding-pages of the Annual Report. It is my duty to present this Report to the distinguished Fellows of the Academy who have assembled here at Dr. J.C. Ray Auditorium, CSIR-Indian Institute of Chemical Biology (IICB) today. After presentation of this Report along with the Audit Report (to be presented by the Treasurer), these Reports are to be formally accepted by the Fellows present here.

The activities of the Academy were enthusiastically assisted by many Fellows of the academy including the Convenors of the various Sectional Committees and the Members of the Executive Council. We have organized regular activities of the Academy such as Dr. Sunil Chandra Bose Memorial Oration and J. C. Sengupta Endowment lectures and scientific talk with a wholehearted support by the Sectional Committees in this year. We have updated the Year Book- 2018 with inputs from the Fellows received in the year 2018. The website is updated time to time with all notices and announcements on various activities of the Academy. List of Fellows 2018-2019 and the Year Book-2018 are also separately posted on our site. We sincerely hope that in the coming years we will surely be able to manage the organization of some new activities with the active participation of the Fellows (and the members of the EC).

Lastly, I remain grateful to all of you for the opportunity and the responsibility entrusted on me to act as the Secretary of the Academy. I am committed to work with all of you and will contribute my best for the sustenance and growth of the WAST.

Dated: December 17, 2019

Dr. Arun Bandyopadhyay
Secretary



Debasis Bandyopadhyay & Co.
Chartered Accountants

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 - 700 032, which comprises of the Balance Sheet as on 31st March 2019 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, 2019, 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 : 11/12/2019

UDIN - 10057861 AA AA 081782



8/3C, Biren Roy Road (W), Kolkata - 700008, Dial : 9831186788 / 9804815922, dbc22003@yahoo.com

WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY
4, Raja S. C. Mallick Road, Kolkata - 700 032

Balance Sheet as on 31st March 2019

Liabilities	Amt(Rs.)	Assets	Amt(Rs.)	Amt(Rs.)
General Fund		Fixed Assets		
As per last a/c	337,197.44	Furniture (as per last a/c)	553.00	
Add : Surplus for the year	28,458.00	Less : Depreciation @ 10%	55.00	498.00
Corpus Fund		Cash and Bank Balance		
As per last a/c	177,760.00	Cash in hand		11,857.00
		Cash at Bank		
		i) Current a/c with SBI	132,754.44	
		(A/c No. 11079700023)	228,306.00	
		ii) Fixed Deposit (WAST)	170,000.00	531,060.44
		iii) Fixed Deposit		
		(Endowment Fund)		
				543,415.44

Place : Kolkata
Dated : 11/12/2019

[Signature]
For WB Academy of Science and Technology

President

Dr. Partha Pratim Majumder
Secretary
West Bengal Academy of
Science and Technology
4, Raja S. C. Mallick Road
Kolkata - 700 032

[Signature]
For WB Academy of Science and Technology

Secretary

Dr. Atun Bandyopadhyay
Secretary
West Bengal Academy of
Science and Technology
4, Raja S. C. Mallick Road
Kolkata - 700 032

For WB Academy of Science and Technology
Treasurer

[Signature]
Dr. Snehasikta Swamakar
Treasurer
West Bengal Academy of
Science and Technology
4, Raja S. C. Mallick Road
Kolkata - 700 032

In terms of our report of even date

[Signature]
Debasis Bandyopadhyay, Proprietor
For Debasis Bandyopadhyay & Co.
Chartered Accountants
West Bengal No. - 057861



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY
4, Raja S. C. Maitlick Road, Kolkata - 700 032

Income and Expenditure Account for the year ended 31st March 2019			
Expenditure	Income		
To, Printing and Publication Charges	By, Interest on Fixed Deposit		
		Am (Rs.)	Am (Rs.)
		56,191.00	14,819.00
" Salary to Staff (Part Time)	" Life Membership Subscription		168,000.00
" Allowance out of JBSG grant	" Grant from Jagadish Bose Science Centre		30,000.00
" Audit Fees (FY 17-18)		5,900.00	
" Bank Charges		649.00	
" Travelling & Conveyance		120.00	
" Annual General Body Meeting		36,600.00	
" Stationery, Printing, Refreshments etc.		6,846.00	
" Depreciation on Furnitures		55.00	
" Excess of income over expenditure surplus transferred to General Fund		28,458.00	
		<u>212,819.00</u>	<u>212,819.00</u>


Note 1: The following expenses incurred in the year 2017-18, but actually paid during the year 2018-19, has been accounted for in the year 2018-19

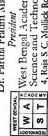
Salleer Press Pvt Ltd	Printing	26,896.00
Creative Data	Printing Annual Report	29,295.00


Note 2: The following expenses incurred for the year has been actually paid in the year 2019-20 and will be accounted for in the year 2019-20

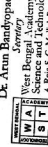
Creative Data	Printing Annual Report	45,620.00
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Place: Kolkata
Date: 11/2/2019


For WB Academy of Science and Technology
President


Dr. Partha Pratim Majumdar
President
West Bengal Academy of Science and Technology
4, Raja S. C. Maitlick Road
Kolkata - 700 032

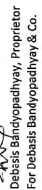

For WB Academy of Science and Technology
Secretary


Dr. Anum Bandyopadhyay
Secretary
West Bengal Academy of Science and Technology
4, Raja S. C. Maitlick Road
Kolkata - 700 032

For WB Academy of Science and Technology
Treasurer


Dr. Subhasmita Swarnakar
Treasurer
West Bengal Academy of Science and Technology
4, Raja S. C. Maitlick Road
Kolkata - 700 032

In terms of our report of even date


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



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY
4, Raja S. C. Mallick Road, Kolkata - 700 032

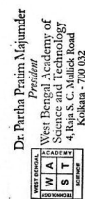
Receipts and Payments Account for the year ended 31st March 2019

Receipts	Amt(Rs.)	Payments	Amt(Rs.)
To, Opening Balance		By, Printing and Publication Charges	56,191.00
Cash in hand	2,223.00	" Salary to Staff (Part Time)	60,000.00
Cash at Bank		" Allowance out of JBSC grant	18,000.00
i) Current a/c with SBI	113,875.44	" Audit Fees (Fy 17-18)	5,900.00
(A/c No. 11079700023)	228,306.00	" Bank Charges	649.00
ii) Fixed Deposit (WAST)	170,000.00	" Travelling & Conveyance	120.00
iii) Fixed Deposit (Endcwm)	512,181.44	" Annual General Body Meeting	36,600.00
" Interest on Fixed Deposit	14,819.00	" Stationery, Printing, Refreshments etc.	6,846.00
" Life Membership Subscription	168,000.00	" Closing Balance	11,857.00
" Grant from Jagadish Bose Science Centre	30,000.00	Cash in hand	
		Cash at Bank	
		i) Current a/c with SBI	132,754.44
		(A/c No. 11079700023)	228,306.00
		ii) Fixed Deposit (WAST)	170,000.00
		iii) Fixed Deposit (Endcwm)	531,060.44
	<u>727,223.44</u>		<u>727,223.44</u>

Place : Kolkata
Dated : 11/12/2019

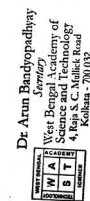
Dr. Partha Pratim Majumder
For WB Academy of Science and Technology

President

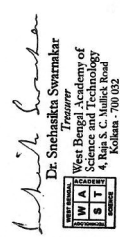


Dr. Arun Bandyopadhyay
For WB Academy of Science and Technology

Secretary



For WB Academy of Science and Technology
Treasurer



In terms of our report of even date

Debasis Bandyopadhyay, Proprietor
For Debasis Bandyopadhyay & Co.
Chartered Accountants
WB Registration No. - 0578661



WEST BENGAL ACADEMY OF SCIENCE AND TECHNOLOGY

Notes attached to and forming part of the Accounts for the year 2018-2019

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

1. The following expenses incurred for the year has been actually paid in the year 2018-19 and will be accounted for in the year 2018-19 :

Creative Data	Printing Annual Report	Rs. 46,620
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2. The following expenses incurred in the year 2017-18, but actually paid during the year 2018-19, has been accounted for in the year 2018-19

Sailee Press Pvt Ltd	Printing	Rs. 26,896
Creative Data	Printing Annual Report	Rs. 29,295

