
Report and Accounts
Of
Bose Research Institute
1929

PROGRESS REPORT 1928-1929

Sir J. C. Bose made the following report :—

“For the information of the Governing Body I will briefly describe the notable events of last year, in regard to the recognition won for the Institute as an International Centre of Science. The results obtained at the Institute, it will be understood, profoundly modify the theories, hitherto held in regard to the functioning of plant-life, and prove the essential identity of physiological mechanism in the life of the animal and plant. The difficulty that stood in the way of general acceptance of this new conception in the West is due (1) to the want of sufficient acquaintance with my extremely sensitive instruments, and (2) to the inability in successful repetition of some of my fundamental experiments. It was, therefore, necessary (a) to ensure safe transport, through different frontiers, of the battery of instruments of extreme delicacy ; (b) to ensure their repair ; (c) to give numerous demonstrations before experts and give necessary instructions to some leading men of science. All these difficulties were successfully removed.

In response to the invitation of the London University, my first lecture was given at the University College. The lecture, illustrated by experimental demonstration, was highly appreciated. Later, Professors of different Universities and the Editor of *Nature* came to see the special demonstration given in my private laboratory ; the result was that they realised the importance of the newly discovered phenomena.

At the invitation of the Rector of the University, I visited Vienna in June and stayed for three weeks and gave several lectures and demonstrations before the University, the Faculty of Medicine, the Specialists of the subject, and also before the British Embassy. The Rector of the University of Vienna wrote officially to the Viceroy and his Council that “Sir J. C. Bose’s discoveries and inventions have opened out new gates of knowledge ; his researches will be a source of inspiration to scientific workers and will be of much practical importance in agriculture and medical science.” The Viceroy has since written to me that he received a “letter from the Rector of the University of Vienna expressing the great interest, which the University had taken in your research and discoveries. It was very gratifying to know the high estimation in which your work was held.”

The appreciation of the value of the work carried out at my Institute by

The great interest roused by the new methods of investigation led Prof. Molisch to come at a later date and work at the Bose Institute. His stay will be of the greatest advantage in the general advancement of science.

I was next invited by the University of Munich, the fame of which, in producing some of the greatest leaders of science, is well known. Geheimrat Goebel, the Editor of Flora, author of classical work on Organography, and the Director of the famous Botanical Garden is regarded as one of the greatest leaders in plant-physiology ; he has taken the keenest interest in the work of my Institute. A series of my lectures organised by the University were highly appreciated. At a special reception given by the Rector, Prof. Goebel, on behalf of the University, said that a new era of Biological progress has been initiated by the new discoveries made in my Institute. Among the audience was Geheimrat Willstatter, the Nobel Laureate, whose monumental work on Enzymes has revolutionised knowledge of Organic Chemistry of plant products. He has been so greatly impressed by the work achieved in my Institute and by its ideals, that he has expressed his intentions, as soon as his other engagements permit, to come and work in the Bose Institute.

During my return journey I received a wireless message from the British Foreign Office, London, expressing a hope that I could accept the cordial invitation of the Egyptian Government to be its guest during my stay in that country and deliver a course of lectures on my discoveries which had roused great interest there. I was received by the representatives of the Government at Port Said and first reached Alexandria where His Majesty King Faud showed me every courtesy and had a demonstration arranged at his Palace on the 13th September ; a lecture was also arranged by the Minister of Agriculture at Cairo on the 17th September at which all the Officials, Professors of the University and representatives of the various Embassies were present. The Minister of Agriculture, Nakhla El Motei Pasha expressed the appreciation of the Egyptian Government in the following official communication : "Your investigations have filled us with wonder ; in the name of the Egyptian Government I wish you continued success in the progress of science and agriculture."

The efficiency of an Institute for advancement of knowledge depends on the continuous growth and expansion of its activities ; any slackness in these matters would mean complete stagnation. In pursuance of this, not only is there an intense pursuit in the Institute for the advancement of research but also making these results known in other countries.

**Income & Expenditure Account for the
year ending 28th February, 1929**

Dr
EXPENDITURE

To Expenses

	Rs. As. P.	Rs. As. P.
Salaries	6,900-0-0	
Bank Charges	264-14-0	
Law Charges	<u>770-0-0</u>	
Amount transferred to the Trust Fund		Rs 7,934-14-0
		6,3576-12-2
	TOTAL	Rs <u>71,511-10-2</u>

TOTAL	Rs	<u>71,511-10-2</u>
-------	----	--------------------

INCOME

By Interest	Rs. As. P.
On securities	32,969-13-6
Sundries	<u>17,017-6-8</u>
Donations & Scholarships	
Dividend	
House Rent	
Ground Rent	

TOTAL Rs. 71,51

Examined & Found Correct
Sd B. Choudhri
Govt-authorised Auditor
of Companies in India
8th March 1929

Scan: Bl-Lib-Gun

BOSE INSTITUTE TRUST FUND

Balance Sheet as on 28th February, 1929

<u>LIABILITIES</u>		<u>ASSETS</u>	
	Rs. As. P.		Rs. As. P.
Capital (Including and) on 28th Feb 1929		<u>LAND</u>	
Depreciation in Buildings & Rs 3511-0-0)	11,97072-3-4	<u>BUILDINGS</u>	1,50,000-0-0
<u>SHIP & BUILDING DEPRECIATION FUND</u>		as per last a/c	1,52,319-0 0
Contributed through	28,638-12-8	Less Depreciation @ 2%	<u>3,046-0-0</u>
C. Bose)		<u>APPARATUS</u>	1,49,273-0-0
		Furniture	25,000-0-0
		as per last a/c	9,291-0-0
		Less Depreciation @ 5%	<u>465-0-0</u>
		<u>INVESTMENTS</u>	8,826-0-0
		3½% G. P. Notes (Face value)	1,00,000-0-0
		3½% Do for Rs 4,72,600	
		(at cost)	3,40,345-8-0
		6% Bonds for Rs 14000/-	
		(at cost)	14,600-13-4
		5% Do for Rs 2,33,900 (at cost)	2,30,604-14-2
		<u>SINCE ADDED</u>	
		3½% G. P. Note with the	
		Accountant General, Bengal	
		(Face value)	8,800-0-0

Rs. As. P.	Rs. As. P.	Rs. A. P.
4½% Loan for Rs 70,000 (at cost)	<u>66,450-12-6</u> 7,60,802-0-0	
200 Pref Shares in Birla Jute mills	20,000-0-0	
Mortgage of Property	<u>71,835-12-3</u> 8,52,637-12-3	
Investment & Scholarship & Building Depreciation Fund		
3¼% G. P. Note for Rs 41,500 (at cost)	<u>28,638-12-8</u>	
Cash Balance		8,81,276-8-11
		11,335-7-1
TOTAL Rs <u>12,25,711-0-0</u>	TOTAL Rs <u>12,25,711-0-0</u>	[5]

examined the above Balance Sheet with the Books & Vouchers of the Institute and found it in accordance
I certify that the Balance Sheet exhibits a true & correct view of the state of affairs of the Bose Institute
and that I have verified the securities & the investments.

1, 1929

Sd B. Choudhri
Govt-authorised Auditor of
Companies in India.

Proceedings of the meeting of the Governing Body of the Bose Institute
held at the Bose Institute on Friday, the 8th March, 1929

PRESENT

Dr. P. K. Acharya (in the chair)
Dr. B. L. Chowdhry
Sir. J. C. Bose
Lady Abala Bose
Mr. S. M. Bose
Prof. N. C. Nag
Mr. A. N. Mitter

* * * * *

The Superintendent laid before the meeting the Audited Account of the Bose Institute for the year ending 28th February, 1929 and the Balance Sheet, as audited by Mr B. Chowdhri, Auditor, and read the Auditor's note appended thereto.

Resolved that the same be adopted.

DONATIONS RECEIVED THIS YEAR

Sir. J. C. Bose	6240
Mr. Mulraj Khatan	14000
Government of Mysore	10,000
Scholarship from Rao Krishnagopal Singha Shaheb of Awagarh	400
TOTAL	30,640

Scan: B1.Lib.Cam