

BOSE RESEARCH INSTITUTE

ANNUAL REPORT
and
ACCOUNTS

For the Year 1942-43

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REPORT OF THE GOVERNING BODY OF THE BOSE INSTITUTE FOR THE YEAR 1942-43.

1. *Governing Body*—Four meetings of the Governing Body were held during the year. Besides the disposal of routine items of business, the attention of the Governing Body was occupied with the consideration of the Government of India proposals for modifying the constitution of the Bose Institute. Draft Regulations and By laws have been prepared, embodying the results of the discussions with the Government of India; they have been sent to the Central Government and are a present under their consideration.

2. Due to the war situation prevailing towards the end of last year, it was not possible to arrange for the delivery of the annual Sir J. C. Bose Memorial lecture. Instead, the Governing Body gave an At Home on the 30th of November, 1942, to commemorate the 25th anniversary of the foundation of the Bose Institute. A large number of distinguished visitors attended the function.

3. *Cooperation with other Scientific Institutions*—At the request of the Secretary of the Indian Science Congress Association, the Association was invited to hold some of the sectional meetings of their 30th session in the Bose Institute, during January, 1943. The delegates were invited to an afternoon party by the Director.

The following two schemes of research financed by the Board of Scientific and Industrial Research are being undertaken by the Institute:

- (i) on the setting up of a powerful generator for ultra sonic waves
- (ii) on the testing and cutting of quartz plates for the radio industry.

Further work was carried on in the Government Chincona Plantation at Mungpoo, for devising a quick vegetative method of propagating chincona trees by auxin treatment.

4. *Staff*—Dr. A. K. Dutta, Research Fellow in Physics, resigned his Fellowship in September, 1942, to take up the post of lecturer in Physics in the Delhi University.

Dr. H. K. Banerjee, Research Fellow in Chemistry, has taken one year's leave from January, 1943, to take up an appointment as research chemist under the Board of Scientific and Industrial Research.

Mr. Amiya Kumar Raichaudhuri, m.sc. has been awarded a research scholarship in Chemistry. Mr. Paresh Kishore Sen Choudhury, m.sc. has

LIABILITIES.	Rs. A. P.		Rs. A. P.		BOSE Balance Sheet as at	
					Rs.	A. P.
<i>Sir J. C. Bose Research Scholarship Trust Fund—</i>						
Capital Account .. ..	....		....		50,000	0 0
Interest in deposit as per last Account .. ..	....		1,842	11 9		
Add amount not disbursed this year .. ..	....		1,190	0 0	3,032	11 9
<i>Staff Retirement Bonus Fund—</i>						
As per last A/c. .. ..	....		4,000	0 0		
Addition this year .. ..	....		1,000	0 0	5,000	0 0
<i>Investment Fluctuation Fund—</i>						
As per last Balance Sheet ..	....		....		1,29,104	5 7
<i>Depreciation Fund A/c. Buildings.</i>						
to 31.3.42	94,677	4 0				
for 1942-43 @ 2%	7,343	8 6	1,02,020	12 6		
<i>Furniture & Fixtures—</i>						
to 31.3.42	11,448	11 9				
for 1942-43 @ 5%	1,038	8 6	12,487	4 3		
<i>Apparatus—</i>						
to 31.3.42	66,050	3 0				
for 1942-43 @ 10%	7,940	5 0	73,990	8 0		
<i>Books & Journals—</i>						
to 31.3.42	19,600	14 6				
for 1942-43 @ 10%	2,781	8 9	22,382	7 3	2,10,881	0 0
<i>Earnest Money Deposit for Land</i>	....				1,001	0 0
<i>Provision for Contingencies & Outstanding Liabilities.</i>	....		....		4,257	0 0
<i>Amount refundable to Board of S. & I. R.—</i>						
(Scheme II) .. ..	....		....		3,095	12 0
<i>Provident Fund, as per contra, ..</i>	....		....		53,537	14 4
<i>Donations (including Rs. 8,800/- of Urmila Devi Fund with A. G. Bengal)—As per last Balance Sheet .. ..</i>	....		....		11,03,165	12 5
<i>Accumulated Trust Fund—</i>						
As per last Balance Sheet ..			4,63,828	9 5		
Less Deficit for the year Interest accrued on Urmila Devi Fund previously taken into account	16,336	14 8				
	89	13 4	16,426	12 0	4,47,401	13 5
					20,10,477	5 6

We have examined the above Balance Sheet of the Bose Institute and beg to report that the same is correctly stated according to the best of our information and the explanations given to us and as shown by the books of account of the Institute. We have also verified the Investments with the Bankers' lodgment certificate. Refund of last year's Income Tax deduction has not yet been obtained.

17, Mangoe Lane,
Calcutta.
The 4th May, 1943.

P. K. GHOSH & Co.,
Incorporated Accountants (Lond.),
Registered Accountants (India),
Auditors

INSTITUTE

31st March, 1942.

ASSETS.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
<i>Fixed Assets—</i>									
(as revalued on 31.3.31 with subsequent purchases at cost)									
<i>Land—</i>									
At Calcutta	1,65,613	0	0						
At Darjeeling	16,000	0	0	1,81,613	0	0			
<i>Buildings—</i>									
At Calcutta to 31.3.42 ..	2,89,620	4	0						
At Darjeeling " " ..	27,566	0	0						
At Falta " " ..	49,992	0	0	3,67,178	4	0			
<i>Furniture and Fixtures—</i>									
to 31.3.42	19,710	11	9						
Since added	1,060	12	0	20,771	7	9			
<i>Apparatus—</i>									
to 31.3.42	79,377	3	0						
Since added	26	0	0	79,403	3	0			
<i>Books and Journals—</i>									
to 31.3.42	25,955	14	6						
Since added	1,859	9	6	27,815	8	0	6,76,781	6	9
<i>Trust Fund Investments—</i>									
Rs. 12,00,400 3½% G. P. Notes	....			9,35,774	6	4			
" 1,35,100 4% Govt. Loans	....			1,27,585	1	0			
" 70,000 4½% Govt. Loans	....			66,450	12	6			
" 10,000 5% Govt. Loans	....			9,787	8	5			
" 20,000 7½% Preference Shares	....			20,000	0	0			
							11,59,597	12	3
(Market value—Rs. 13,97,068/8/-)									
<i>Sir J. C. Bose Scholarship Trust Fund—</i>									
Rs. 50,000 3½% G. P. Notes	....			....			50,000	0	0
<i>Urmila Devi Benevolent Fund (with A. G. Bengal)—</i>									
Rs. 8,800 3½% G. P. Notes	....			....			8,800	0	0
<i>Interest Accrued on Trust Fund Investments—</i>									
Interest accrued as per last Account .. ..	....			12,749	15	8			
Less that on Urmila Devi Fund previously included in above .. ..	....			89	13	4	12,660	2	4
<i>Interest due but not realised (including Rs. 154/- of Urmila Devi Fund)</i>									
	....			....			4,431	0	0
<i>Dividend outstanding</i>									
	....			....			750	0	0
<i>Provident Fund—</i>									
Postal Cash Certificates in names of employees, at face values ..	....			16,480	0	0			
Advances to employees ..	....			3,903	12	0			
Deposit with Imperial Bank of India .. ..	....			23,386	1	10			
Deposit with Postal Savings Bank .. ..	....			9,768	0	6	53,537	14	4
<i>Security Deposits</i>									
	....			....			75	0	0
<i>Ground Rent outstanding</i>									
	....			....			450	0	0
<i>Board of S. and I. Research—for Scholarship for March, 1943 ..</i>									
	....			....			100	0	0
<i>Cash—</i>									
Trust Fund Account at Bank ..	....			41,147	8	2			
Establishment, Account in hand (including imprest for food-stuff for mistries and servants at Bank, Darjeeling	3,879	9	3						
	500	0	0						
	4,379	9	3						
Less Overdraft from Bank ..	2,232	15	7	2,146	9	8	43,294	1	10
							20,10,477	5	6

D. M. BOSE,
Director.

A. N. MITTER,
Superintendent.

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INCOME	Rs. A. P.		Income and Expenditure Account		BOSE	
			Rs.	A. P.	Rs.	A. P.
Grant from Government of India— For Research Work ..					50,000	0 0
Board of S. & I. R.'s Contribution for research done for them—			3,450	0 0		
Scheme I			3,535	0 0	6,985	0 0
Scheme II						
Interest on Trust Fund Account— Total Interest on all accounts (Realised & Outstanding) ..			53,126	0 0		
Less Interest on Sir J. C. Bose Scholarship Fund Rs. 1,750/- and Urmila Devi Benevolent Fund Rs. 308/- (shown separately)			2,058	0 0	51,068	0 0
Interest on Sir J. C. Bose Scholar- ship Fund			1,750	0 0		
Less amount not disbursed ..			1,190	0 0	560	0 0
Interest on Urmila Devi Benevolent Fund (including outstanding Rs. 154/-)					308	0 0
Dividend on Trust Fund A/c. (in- cluding outstanding Rs. 750/-)					1,500	0 0
Grant for Lady Tata Memorial Trust Fund Scholarship ..					750	0 0
House Rent					300	0 0
Ground Rent— Realised	1,730	0 0				
Add outstanding this year ..	450	0 0	2,180	0 0		
Less outstanding last year ..			600	0 0	1,580	0 0
Refund of Income Tax for 1940-41					725	10 0
Miscellaneous Receipts— Sales proceeds of Fruits, Vege- tables, Books, etc. ..					366	14 3
Balance being deficit for the year transferred to Balance Sheet ..					16,336	14 8

Examined and found correct.

1,30,480 6 11

17, Mangoe Lane,
Calcutta.
The 4th May, 1943.

P. K. GHOSH & Co.,
Incorporated Accountants (Lond.),
Registered Accountants (India),
Auditors

INSTITUTE

for the year ended 31st March, 1942

EXPENDITURE	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
<i>Scholarships & Allowances—</i>						
Director & Staff .. ..	....		53,765	0 9		
Sir J. C. Bose Scholar .. ..	....		560	0 0		
Birla Scholar .. ..	....		1,200	0 0		
Lady Tata Memorial Trust Scholar .. ..	....		750	0 0	56,275	0 9
Wages of Mistries & Servants .. ..	....		....		6,996	11 6
Provident Fund Contribution .. ..	....		....		2,614	6 0
Staff Retirement Bonus Fund .. ..	....		....		1,000	0 0
Laboratory Expenses .. ..	....		8,425	10 9		
Less transfer to Urmila Devi Benevolent Fund Account (shown separately) .. ..	....		308	0 0	8,117	10 9
Urmila Devi Benevolent Fund Biological Research Expenses .. ..	....		....		308	0 0
<i>Board of S. & I. Research Expenses & Refunds—</i>						
Scheme I—						
Scholarship (March, 42 to Feb., 43)	1,200	0 0				
Equipments	839	11 3				
Contingencies	260	8 0				
Amount refunded	1,140	12 9	3,450	0 0		
Scheme II—						
Salaries	285	0 0				
Equipments & Contingencies	154	4 0				
Amount refundable	3,095	12 0	3,535	0 0	6,985	0 0
Publication A/c. (Paid to Baptist Mission Press) .. ..	....		....		2,000	0 0
General Expenses (including Printing, Stationery, Electric, Telephone, Staff's Tiffin, etc.) .. ..	....		....		3,982	3 0
Sir J. C. Bose Memorial A/c. (Silver Jubilee) .. ..	....		....		385	0 6
Travelling & Conveyance .. ..	....		....		1,902	0 0
Rents, Rates & Taxes .. ..	....				774	2 6
Repairs to Buildings (including Rs. 300/- advanced for repairs partly done) .. ..	....				6,961	2 3
War Emergency & A. R. P. Expenses .. ..	....				3,188	0 3
Bank Charges, Renewal Fees, etc.					114	4 2
Income Tax Deduction .. ..	....				9,772	14 6 ✓
Depreciation					19,103	14 9
					1,30,480	6 11

D. M. BOSE,
Director.A. N. MITTER,
Superintendent.

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