

National Institute of Sciences of India.

ANNUAL REPORT.

The Council of the National Institute of Sciences of India have pleasure in submitting the following report on the general concerns of the Institute for the year 1941, as required by the provisions of Rule 48(f).

Membership.

The number of Fellows on the roll of the Institute at the beginning of the year was 170 Ordinary Fellows and 21 Honorary Fellows. Fourteen Ordinary Fellows and four Honorary Fellows were elected during the year in accordance with the procedure laid down in the Regulations. Two Ordinary Fellows resigned, and three Ordinary Fellows and two Honorary Fellows died during the year. The total number of Fellows on the roll at the end of the year is 179 Ordinary Fellows and 23 Honorary Fellows. Of the 179 Ordinary Fellows 8 are non-resident.

Meetings.

The sixth Annual Meeting was held in the Institute of Agricultural Research, Benares Hindu University, on the 2nd January, 1941. An account of the meeting was published in the *Proceedings*, Vol. VII, No. 1, pp. 3-5.

Two Ordinary General Meetings were held during the year. The first was held in the Physics Lecture Theatre of the University of Delhi on the 19th April, 1941. The meeting was followed by a Symposium on 'Heavy Chemical Industries in India' at which a number of interesting papers were read and discussed. The second meeting was held in the rooms of the Royal Asiatic Society of Bengal, Calcutta, on the 29th August, 1941. The papers read at these meetings will be published in the *Proceedings*.

The Council.

The officers and members of Council for the year 1941 were elected at the Sixth Annual Meeting held on the 2nd January, 1941. The Council, together with the representatives of the co-operating Academies, the Indian Science Congress Association and the Government of India, was constituted as follows:—

<i>President</i>	..	..	Dr. Bains Prashad.
<i>Vice-Presidents</i>	..	..	Prof. J. N. Mukherjee. Dr. C. W. B. Normand.

<i>Additional Vice-Presidents</i>	..	Prof. A. C. Banerji. Khan Bahadur M. Afzal Husain. Prof. K. S. Krishnan. Mr. W. D. West.
<i>Treasurer</i>	..	Dr. B. S. Guha.
<i>Foreign Secretary</i>	..	Dr. J. C. Ghosh.
<i>Secretaries</i>	..	Prof. S. P. Agharkar. Dr. C. S. Fox.
<i>Members of Council</i>	..	Sir S. S. Bhatnagar. Rai Bahadur Dr. S. L. Hora. Dr. M. S. Krishnan. Dr. R. B. Lal. Prof. G. Matthai. Principal G. R. Paranjpe. Principal P. Parija. Dr. F. G. Percival. Prof. M. Qureshi. Rao Bahadur G. N. Rangaswami Ayyangar. Prof. M. N. Saha. Prof. N. R. Sen. Prof. M. R. Siddiqi. Dr. N. K. Sur. Col. J. Taylor. Rao Bahadur B. Venkatesachar. Mr. F. Ware. Brevet-Col. Sir R. N. Chopra } <i>Ex-officio.</i> Sir Lewis Fermor
<i>Additional Members of Council</i>		Prof. P. C. Mahalanobis. Prof. S. K. Mitra. Major C. L. Pasricha. Prof. B. K. Singh.

The Council held seven ordinary and two emergency meetings during the year.

Committees.

The Sectional Committees are given in Appendix II.

Publications.

Three numbers of the *Proceedings*, one number of the *Transactions* and one number of *Indian Science Abstracts* were published during the year.

Exchanges.

One additional Institution was placed on the exchange list for the publications of the Institute, bringing the total number on the list to ninety-five (*vide* Appendix III).

Library.

Three hundred and ninety-seven books, parts of periodicals and reprints were added to the library during the year (*vide* Appendix IV). A noteworthy addition was a number of publications on Botany received from the University of California.

Presents and Donations.

The following grants-in-aid were made to the Institute during the year.

- (1) Rs.500 from the Calcutta University.
- (2) Rs.300 from the Osmania University.
- (3) Rs.200 from the Dacca University.

The Government of India increased their annual grant to the Institute from Rs.6,000 to Rs.7,000 from the current official year.

Finance.

An audited statement of accounts of the Institute for the period from 1st December, 1940, to 30th November, 1941, is submitted (*vide* Appendix V). The total ordinary receipts for this period are Rs.15,468-15-0 (inclusive of the Government of India grant of Rs.7,000) and the ordinary payments are Rs.12,014-5-3, leaving a balance of Rs.3,454-9-9*. A sum of Rs.320-0-0 was realised on account of admission fees and Rs.130-14-0 as compounding fee.

At the beginning of the year the cash position of the Institute was as follows:—

			Rs.	A.	P.
In Savings Bank account	3,688	1	0
„ Government paper	40,000	0	0
„ Current account	2,948	3	0
„ hand	4	13	0
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TOTAL	46,641	1	0
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At the end of the year, however, the cash position was as shown below:—

			Rs.	A.	P.
In Savings Bank account	5,713	9	0
„ Government paper	40,000	0	0
„ Current account	4,818	12	9
„ hand	14	3	0
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TOTAL	50,546	8	9
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APPENDICES.

- I. List of Fellows.
- II. Committees, 1942.
- III. List of Institutions on the exchange list.
- IV. Periodicals received for the library.
- V. Audited statement of accounts, Dec. 1940–Nov. 1941.
- VI. Budget Estimates, Dec. 1941–Nov. 1942.

* The small surplus of Rs.3,454-9-9 as shown above in the current year's accounts is really due to outstanding bills on account of printing.

APPENDIX I.

LIST OF FELLOWS.

ORDINARY FELLOWS.

1. ABRAHAM, LT.-COL. W. E. V., A.R.C.S. (I.), F.G.S., M.Inst.P.T., Senior Geologist, Burmah Oil Co., Ltd., Burma, Khodaung, Magwe, Burma. (1936).
2. AGHARAKAR, S. P., M.A., Ph.D., F.L.S., Ghose Professor of Botany, Calcutta University, 35, Ballygunge Circular Road, Calcutta.
3. AHMAD, NAZIR, O.B.E., M.Sc., Ph.D., Director, Indian Central Cotton Committee's Technological Laboratory, Matunga, Bombay.
4. AIYAR, R. GOPALA, M.A., L.T., M.Sc., University Professor of Zoology and Director, University Zoological Laboratory, Madras. (1938).
5. AJREKAR, S. L., B.A., I.E.S. (Retd.), Bhandarkar Institute Road, Poona 4.
6. ANANDA RAO, K., Rao Bahadur, M.A., I.E.S., Professor of Mathematics, Presidency College, Madras.
7. ASH, W. C., B.Sc., M.Inst.C.E., A.M.I.Mech.E., Bengal Club, Calcutta.
8. AUDEN, J. B., M.A. (Cantab.), Geologist, Geological Survey of India, Indian Museum, Calcutta. (1938).
9. AWATI, P. R., B.A., D.I.C., I.E.S., Professor of Zoology, Royal Institute of Science, Mayo Road, Bombay 1.
10. BAGCHEE, K. D., D.Sc., D.I.C., Mycologist, Imperial Forest Research Institute, Dehra Dun, U.P.
11. BAGCHI, K. N., Rai Bahadur, B.Sc., M.B., D.T.M., F.I.C., Chemical Examiner to the Government of Bengal and Professor of Chemistry, Calcutta Medical College, Calcutta. (1940).
12. BAHL, K. N., D.Sc., D.Phil., Professor of Zoology, Lucknow University, Lucknow.
13. BANERJEE, K., D.Sc., Reader in Physics, Dacca University, Ramna, Dacca. (1939).
14. BANERJI, A. C., M.Sc., M.A., F.R.A.S., I.E.S., Professor of Mathematics, Allahabad University, Allahabad.
15. BANERJI, S. K., D.Sc., Superintending Meteorologist, Meteorological Office, Thube Park, Ganeshkhind Road, Poona 5.
16. BASU, J. K., M.Sc., Ph.D., Soil Physicist, Sugarcane Research Institute, Padegaon, P.O. Nira R. S., Dt. Poona. (1941).
17. BEESON, C. F. C., C.I.E., D.Sc., Thames House, near Eynsham, Oxford.
18. BEHARI, RAM, M.A., Ph.D., Reader in Mathematics, Delhi University and Professor, St. Stephen's College, Delhi. (1941).
19. BHABHA, H. J., Ph.D., F.R.S., Visiting Professor, Indian Institute of Science, Bangalore, Mehraangir, Little Gibbs Road, Malabar Hill, Bombay. (1941).
20. BHARADWAJ, Y., M.Sc., Ph.D. (Lond.), F.L.S., Professor of Botany and Head of the Department, Benares Hindu University, Benares. (1937).
21. BHARUCHA, F. R., B.A., B.Sc., M.Sc., D.Sc., Professor of Botany and Head of the Department, Royal Institute of Science, Bombay. (1939).
22. BHASKARA SHASTRI, T. P., M.A., F.R.A.S., Director, Nizamiah Observatory, Hyderabad (Deccan).
23. BHATNAGAR, SIR S. S., Kt. O.B.E., D.Sc., Director of Scientific and Industrial Research, 1B, Judges Court Road, Calcutta.
24. BHATTACHARYA, D. R., M.Sc., Ph.D., Dr. ès Sciences (Paris), Professor of Zoology, Allahabad University, 7, Malaviya Road, Allahabad.
25. BOMFORD, MAJOR GUY, R.E., Survey of India, 13, Wood Street, Calcutta. (1935).
26. BOR, N. L., M.A., D.Sc., F.L.S., Forest Botanist, Forest Research Institute, Dehra Dun. (1941).

27. BOSE, D. M., M.A., B.Sc., Ph.D., Director, Bose Institute, 93, Upper Circular Road, Calcutta.
28. BOSE, G. S., D.Sc., M.B., Head of the Department of Experimental Psychology, Calcutta University, 92, Upper Circular Road, Calcutta.
29. BOSE, N. K., M.Sc., Ph.D., Mathematical Officer, Punjab Irrigation Research Institute, Lahore. (1938).
30. BOSE, S. N., M.Sc., Professor of Physics and Head of the Department, Dacca University, Ramna, Dacca.
31. BOSE, S. R., M.A., Ph.D., F.R.S.E., Professor of Botany, Carmichael Medical College, Calcutta. (1935).
32. BRAHMACHARI, SIR U. N., Kt., Rai Bahadur, M.A., M.D., Ph.D., F.R.A.S.B., K.I.H., Physician, Medical College Hospitals, Calcutta (Retired), 19, Loudon Street, Calcutta.
33. BURRIDGE, W., D.M., M.A. (Oxon), Professor of Physiology, Lucknow University, Lucknow.
34. BURT, SIR BRYCE C., Kt., C.I.E., M.B.E., B.Sc., I.A.S. (Retd.), Bryn Dene, Allanson Road, Rhos-on-sea, Denbighshire, Great Britain.
35. CALDER, C. C., B.Sc. (Agr.), F.L.S., 18, Gladstone Place, Aberdeen, Scotland.
36. CHAKRAVARTI, S. N., D.Sc., D.Phil., F.C.S., F.I.C., Chemical Examiner to the Governments of U.P. and C.P., 45, Taj Road, Agra. (1935).
37. CHATTERJEE, G., M.Sc., Meteorologist-in-charge, Upper Air Observatory, Agra. (1935).
38. CHAUDHURI, H., D.Sc., Ph.D., D.I.C., Head of the Department of University Teaching in Botany and Director, Kashyap Research Laboratory, Panjab University, Lahore.
39. CHOPRA, B. N., D.Sc., F.L.S., Assistant Superintendent, Zoological Survey of India, Indian Museum, Calcutta. (1935).
40. CHOPRA, BREVET-COL. SIR R. N., Kt., C.I.E., M.D., Sc.D., F.R.A.S.B., F.R.C.P., I.M.S. (Retd.), Director, Drug Research Laboratory, Jammu-Tawi, Jammu and Kashmir State.
41. CHOWDHURY, J. K., M.Sc., Dr.Phil. (Berlin), Reader in Chemistry, Dacca University, Ramna, Dacca. (1938).
42. CHOWDHURY, K. AHMAD, B.A., B.Sc., M.S., D.Sc., Wood Technologist, Forest Research Institute, New Forest, Dehra Dun. (1940).
43. COULSON, A. L., D.Sc., D.I.C., F.G.S., Superintending Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
44. CROOKSHANK, H., B.S., D.Sc., B.A.I., Capt., A.I.R.O., Superintending Geologist, Geological Survey of India, c/o Garrison Engineer, Razmak. (1938).
45. DASTUR, R. H., M.Sc., Cotton Physiologist, Agricultural College, Lyallpur, Punjab.
46. DATTA, S., M.Sc., D.Sc., D.I.C., Principal, Rajshahi College, Rajshahi. (1935).
47. DATTA, CAPTAIN S. C. A., D.Sc., F.R.S.E., M.R.C.V.S., D.T.V.M., Officer-in-charge, Section of Veterinary Zoology, Imperial Veterinary Research Institute, Izatnagar, U.P. (1938).
48. DEY, B. B., D.Sc., F.I.C., I.E.S., Professor of Chemistry, Presidency College, Madras.
49. DHAR, N. R., D.Sc., F.I.C., I.E.S., Deputy Director of Public Instruction, U. P., Allahabad.
50. DHAR, S. C., M.Sc., D.Sc. (Cal., Edin.), F.R.S.E., Professor and Head of the Department of Mathematics, Nagpur University, Nagpur. (1938).
51. DIRSHIT, B. B., Ph.D. (Edin.), M.R.C.P. (Edin.), D.P.H. (Calcutta), M.B.B.S. (Bombay), Officer-in-charge, Pharmacology Department, Haffkine Institute, Bombay. (1941).
52. DUNN, J. A., D.Sc., D.I.C., F.G.S., Superintending Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
53. DUNNCLIFF, H. B., M.A., Sc.D., F.I.C., I.E.S., Chief Chemist, Central Revenues, and Director, Control Laboratory, New Delhi.
54. DUTT, S. B., D.Sc., D.I.C., Reader in Organic Chemistry, Allahabad University, Allahabad. (1935).

55. EVANS, P., B.A., F.G.S., *c/o* Messrs. Burmah Oil Co., Ltd., Britannic House, Finsbury Circus, London, E.C.2.
56. FERMOR, SIR LEWIS L., Kt., O.B.E., D.Sc., A.R.S.M., M.Inst.M.M., F.G.S., F.R.A.S.B., F.R.S., 24, Durdham Park, Bristol 6.
57. FOWLER, GILBERT J., D.Sc., F.I.C., Consulting Chemist, Mackay's Gardens Annexe, Grames Road, Cathedral P.O., Madras.
58. FOX, C. S., D.Sc., M.I.Min.E., F.G.S., F.R.A.S.B., Director, Geological Survey of India, Indian Museum, Calcutta.
59. GEE, E. R., M.A., F.G.S., Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
60. GHOSE, S. L., M.Sc., Ph.D., Professor of Botany, Government College, Lahore.
61. GHOSH, J., M.A., Ph.D., Professor of Mathematics, Presidency College, Calcutta. (1936).
62. GHOSH, J. C., D.Sc., Director, Indian Institute of Science, Hebbal, Bangalore.
63. GHOSH, P. K., M.Sc., D.I.C., D.Sc. (Lond.), Geologist, Geological Survey of India, Calcutta. (1941).
64. GHOSH, P. N., M.A., Ph.D., Sc.D. (Hon.), F.Inst.P., Ghosh Professor of Applied Physics, Calcutta University, 92, Upper Circular Road, Calcutta.
65. GHOSH, R. N., D.Sc., Reader in Physics, Allahabad University, Allahabad. (1939).
66. GHURYE, G. S., M.A., Ph.D., Professor of Sociology in the University of Bombay. (1941).
67. GLENNIE, LT.-COL. E. A., D.S.O., R.E., Survey of India, Dehra Dun.
68. GRAVELY, F. H., D.Sc., F.R.A.S.B., Superintendent, Government Museum, Museum House, Egmore, Madras.
69. GUHA, B. C., D.Sc., Ghosh Professor of Applied Chemistry, Calcutta University. (1941).
70. GUHA, B. S., M.A., Ph.D., F.R.A.S.B., Assistant Superintendent, Zoological Survey of India, Indian Museum, Calcutta.
71. GUHA, P. C., D.Sc., Acting Professor of Organic Chemistry, Indian Institute of Science, Hebbal, Bangalore. (1935).
72. HADDOW, J. R., B.Sc., M.R.C.V.S., D.V.S.M., I.V.S., Deputy Director and Officer-in-charge, Pathology and Bacteriology, Imperial Veterinary Research Institute, Muktesar-Kumaun, U.P.
73. HENDRY, D., M.C., B.Sc., N.D.A., Director, Imperial Chemical Industries, India, Calcutta. (1938).
74. HERON, A. M., D.Sc., F.G.S., F.R.G.S., F.R.S.E., F.R.A.S.B., Mines and Geology Office, Hyderabad (Deccan).
75. HORA, S. L., Rai Bahadur, D.Sc., F.R.S.E., F.L.S., F.Z.S., F.R.A.S.B., Assistant Superintendent, Zoological Survey of India, Indian Museum, Calcutta.
76. HUSAIN, M. AFZAL, Khan Bahadur, M.A., M.Sc., I.A.S., Vice-Chancellor, Panjab University, Lahore.
77. ISHAQ, MOHAMMED, M.Sc., Ph.D., Head of the Department of Physics, Muslim University, Aligarh. (1940).
78. IYENGAR, M. O. P., M.A., Ph.D., F.L.S., University Professor of Botany, Madras University, Triplicane, Madras.
79. JOSHI, A. C., D.Sc., Assistant Professor of Botany, Benares Hindu University, Benares. (1938).
80. KAPUR, S. N., Ph.D., *c/o* Gun Carriage Factory, Jubbulpore.
81. KICHLU, P. K., D.Sc., Professor of Physics, Government College, Lahore. (1935).
82. KOTHARI, D. S., M.Sc., Ph.D., Reader and Head of the Department of Physics, Delhi University, Delhi. (1936).
83. KRISHNA, S., Ph.D., D.Sc., F.I.C., Forest Biochemist, Forest Research Institute, New Forest, Dehra Dun (U.P.).
84. KRISHNAN, K. S., D.Sc., F.R.S., Mahendra Lal Sircar Professor of Physics, Indian Association for the Cultivation of Science, 210, Bow Bazar Street, Calcutta.
85. KRISHNAN, K. V., M.B.B.S., L.R.C.P., D.B., D.Sc., Professor of Malariology and Rural Hygiene, All-India Institute of Hygiene and Public Health, Calcutta.

86. KRISHNAN, M. S., A.R.C.S., Ph.D., D.I.C., Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
87. LAL, R. B., M.B.B.S., D.P.H., D.T.M. & H., D.B., Professor of Vital Statistics and Epidemiology, All-India Institute of Hygiene and Public Health, Calcutta. (1935).
88. LAW, S. C., M.A., B.L., Ph.D., M.B.O.U., 50, Kailas Bose Street, Calcutta. (1936).
89. MACMAHON, P. S., M.Sc., B.Sc. (Oxon), F.I.C., I.E.S., Professor of Chemistry, Lucknow University, Lucknow.
90. MADHAVA, K. B., M.A., A.I.A. (Lond.), Professor of Mathematical Economics and Statistics, Mysore University, Lakshmipuram, Mysore. (1940).
91. MAHAJANI, G. S., M.A., Ph.D., Principal and Professor of Mathematics, Fergusson College, Poona 4.
92. MAHALANOBIS, P. C., M.A., B.Sc., I.E.S., Professor of Physics, Presidency College, Calcutta.
93. MAHESHWARI, P., D.Sc., Head of the Department of Biology, Dacca University, Ramna, Dacca. (1935).
94. MAJUMDAR, D. N., M.A., Ph.D., F.R.A.I., Lecturer in Anthropology, Lucknow University, Lucknow. (1940).
95. MAJUMDAR, R. C., Dr. Phil. Nat. (Jena), Research Fellow, Bose Institute, Calcutta. (1941).
96. MATTHAI, GEORGE, M.A., Sc.D., F.L.S., F.Z.S., F.R.S.E., Professor of Zoology, Government College, Lahore.
97. MEHRA, H. R., M.Sc., Ph.D., Reader in Zoology, Allahabad University, Allahabad.
98. MEHTA, K. C., Rai Bahadur, M.Sc., Ph.D., Professor of Botany, Agra College, Agra.
99. MILLS, J. P., M.A., I.C.S., Secretary to H.E. the Governor of Assam, Government House, Shillong, Assam. (1936).
100. MITRA, S. C., M.A., D.Phil. (Leip.), Lecturer in Psychology, Calcutta University. (1941).
101. MITRA, S. K., M.B.E., D.Sc., Ghose Professor of Physics, Calcutta University, 92, Upper Circular Road, Calcutta.
102. MITTER, P. C., M.A., Ph.D., Palit Professor of Chemistry, Calcutta University, 92, Upper Circular Road, Calcutta.
103. MOOKERJEE, H. K., D.Sc., D.I.C., University Professor of Zoology and Head of the Department, Calcutta University, 35, Ballygunge Circular Road, Calcutta. (1939).
104. MOWDAWALLA, F. N., M.A., M.I.E.E., Mem.A.I.E.E., M.I.E., 301, Frere Road, Fort, Bombay.
105. MUKHERJEE, J. N., D.Sc., F.C.S., F.R.A.S.B., Ghose Professor of Chemistry, Calcutta University, 92, Upper Circular Road, Calcutta.
106. NAIK, K. G., D.Sc., F.I.C., Professor of Chemistry, Baroda College, Baroda.
107. NARAYANAMURTI, D., B.Sc., Dr. Ing., Officer-in-charge, Wood Preservation Section, Forest Research Institute, New Forest, Dehra Dun. (1940).
108. NARLIKAR, V. V., B.Sc. (Bom.), B.A. (Cantab.), F.R.A.S., Professor of Mathematics and Head of the Department, Benares Hindu University, Benares. (1939).
109. NATH, VISHWA, M.Sc., Ph.D., F.R.M.S., Lecturer in Zoology, Government College, Lahore. (1940).
110. NEOGI, P., M.A., Ph.D., I.E.S. (Retd.), 44A, New Shambazar Street, Calcutta. (1936).
111. NORMAND, C. W. B., M.A., D.Sc., Director-General of Observatories, Meteorological Office, Poona 5.
112. OLVER, COL. SIR ARTHUR, C.B., C.M.G., F.R.C.V.S., Principal, Royal Veterinary College, Edinburgh.
113. PANDIT, C. G., M.B.B.S., Ph.D., D.P.H., D.T.M., Director, King Institute of Preventive Medicine, Guindy, Madras. (1939).
114. PARANJPE, G. R., M.Sc., A.I.I.Sc., I.E.S., Principal and Professor of Physics, Royal Institute of Science, Bombay. (1937).
115. PARANJPYE, R. P., D.Sc., Purushottam Ashram, Poona 4.

116. PARIJA, P. K., M.A., B.Sc., I.E.S., Principal and Professor of Botany, Ravenshaw College, Cuttack.
117. PASRICHA, MAJOR C. L., M.A., M.B., B.Chir., M.R.C.S., L.R.C.P., I.M.S., Combined Indian Military Hospital, Dehra Dun. (1939).
118. PERCIVAL, F. G., Ph.D., F.G.S., Superintendent of Mines and Quarries, Tata Iron & Steel Co., Ltd., 3, Beldih Lake Road, Jamshedpur. (1936).
119. PHILPOT, H. P., B.Sc. (Eng.), M.Inst.C.E., M.I.Mech.E., M.I.A.E., M.I.M., Principal and Jodhpur Hardinge Professor of Technology, Engineering College, Benares Hindu University, Benares.
120. PINFOLD, E. S., M.A., F.G.S., Geologist, The Attock Oil Co., Ltd., Rawalpindi.
121. PRASAD, B. N., M.Sc., D.Sc., Ph.D., Mathematics Department, Allahabad University, Allahabad. (1936).
122. PRASAD, MATA, D.Sc., F.I.C., Professor of Inorganic and Physical Chemistry, Royal Institute of Science, Bombay. (1935).
123. PRASHAD, BAINI, D.Sc., F.R.S.E., F.L.S., F.Z.S., F.R.A.S.B., Director, Zoological Survey of India, Indian Museum, Calcutta.
124. PRUTHI, H. S., M.Sc., Ph.D., Imperial Entomologist, Imperial Institute of Agricultural Research, New Delhi.
125. QURESHI, MUZAFARUDDIN, Ph.D., Professor of Chemistry, Osmania University, Hyderabad (Deccan).
126. RAJ, B. SUNDARA, Diwan Bahadur, M.A., Ph.D., Director of Fisheries, Madras. (1935).
127. RAMANATHAN, K. R., M.A., D.Sc., Superintending Meteorologist, Meteorological Office, Poona 5.
128. RAMDAS, L. A., M.A., Ph.D., Agricultural Meteorologist, Meteorological Office, Poona 5. (1935).
129. RANGASWAMI AYYANGAR, G. N., Rao Bahadur, B.A., I.A.S., Millets Specialist and Geneticist, and Principal, Agricultural College and Research Institute, P.O. Lawley Road, Coimbatore, S.I.
130. RAO, B. RAMA, M.A., D.I.C., F.G.S., Director, Geological Survey Department, Mysore State, Bangalore.
131. RAO, C. V. HANUMANTHA, M.A., Professor of Mathematics, Panjab University, Lahore.
132. RAO, H. SRINIVASA, M.A., D.Sc., Assistant Superintendent, Zoological Survey of India, Indian Museum, Calcutta. (1937).
133. RAO, K. RANGADHAMA, D.Sc. (Madras and London), Reader in Physics, Andhra University, Waltair. (1937).
134. RAO, L. RAMA, M.A., F.G.S., Professor of Geology, Central College, Bangalore. (1939).
135. RAY, B. B., D.Sc., Khaira Professor of Physics, Calcutta University, 92, Upper Circular Road, Calcutta. (1935).
136. RAY, J. N., D.Sc., Ph.D., F.I.C., Professor of Organic Chemistry, University Chemical Laboratories, Panjab University, Lahore. (1935).
137. RAY, SIR P. C., Kt., M.A., Ph.D., D.Sc., F.R.A.S.B., Emeritus Professor of Chemistry, Calcutta University, 92, Upper Circular Road, Calcutta.
138. RAY, P. R., M.A., Khaira Professor of Chemistry, Calcutta University, 92, Upper Circular Road, Calcutta.
139. ROW, LT.-COL. R., M.D., D.Sc., I.M.S. (Hon.), 27, New Marine Lines, Bombay 1.
140. ROY, S. C., M.Sc., D.Sc., F.R.Met.Soc. (Lond.), Director of the Burma Meteorological Service, Rangoon. (1940).
141. ROY, S. K., Ph.D., Professor of Geology, Indian School of Mines, Dhanbad. (1940).
142. SAHA, M. N., D.Sc., F.R.S., F.R.A.S.B., Palit Professor of Physics, Calcutta University, 92, Upper Circular Road, Calcutta.
143. SARKAR, P. B., Dr. és Sc., A.I.C., Lecturer in Chemistry, Calcutta University, 92, Upper Circular Road, Calcutta. (1935).
144. SAVUR, S. R., M.A., L.T., Ph.D., Director, The Observatory, Colaba, Bombay. (1941).
145. SEN, B. M., M.A., M.Sc., I.E.S., Principal, Presidency College, Calcutta.

146. SEN, H. K., M.A., D.Sc., D.I.C., Director, Indian Lac Research Institute, Namkum, Ranchi.
147. SEN, J. M., B.Sc., M.Ed. (Leeds), Dip.Ed. (Oxford), T.D. (London), F.R.G.S., Principal, Krishnagar College, Krishnagar. (1935).
148. SEN, N. R., D.Sc., Ph.D., Ghose Professor of Applied Mathematics, Calcutta University, 92, Upper Circular Road, Calcutta.
149. SENGUPTA, N. N., Ph.D., Professor of Psychology, Lucknow University, Lucknow.
150. SEYMOUR SEWELL, LT.-COL. R. B., C.I.E., M.A., Sc.D., F.R.S., M.R.C.S., L.R.C.P., F.Z.S., F.L.S., Zoological Laboratory, Cambridge University, Cambridge. (1936).
151. SHAH, R. C., M.Sc., Ph.D. (Lond.), Professor of Organic Chemistry, Royal Institute of Science, Bombay. (1941).
152. SHARIF, M., D.Sc., Ph.D., Entomologist, Haffkine Institute, Parel, Bombay. (1939).
153. SHORTT, LT.-COL. H. E., C.I.E., M.D., Ch.B., D.T.M. & H., D.Sc., I.M.S., Inspector-General of Civil Hospitals, Assam, Shillong. (1936).
154. SIDDIQI, M. R., M.A., Ph.D., Professor of Mathematics, Osmania University, Hyderabad (Deccan). (1937).
155. SINGH, B. K., M.A., Sc.D., F.I.C., I.E.S., Professor of Chemistry, Allahabad University, Allahabad.
156. SINGH, B. N., M.Sc., D.Sc., Irwin Professor of Agriculture, University Professor of Plant Physiology and Head of the Institute of Agricultural Research, Benares Hindu University. (1941).
157. SINTON, LT.-COL. J. A., V.C., O.B.E., M.D., D.Sc., D.P.H., D.T.M., I.M.S., Malaria Laboratory, Horton Hospital, Epsom, Surrey, England.
158. SIRCAR, A. C., M.A., Ph.D., Professor of Chemistry, Presidency College, Calcutta. (1937).
159. SOKHEY, LT.-COL. S. S., M.A., M.D., D.T.M. & H., I.M.S., Director, Haffkine Institute, Parel, Bombay.
160. SONDHI, V. P., M.B.E., M.Sc., F.G.S., Geologist, Geological Survey of India, Calcutta. (1941).
161. SOPARKAR, M. B., M.D., B.Hy., 117 Khar, Bombay 21. (1937).
162. SPENCER, E., D.Sc., Ph.D., F.I.C., A.R.S.M., M.I.M.M., F.G.S., Consulting Chemist, Bird & Co., Chartered Bank Buildings, Clive Street, Calcutta.
163. SRIVASTAVA, P. L., Rai Sahib, M.A., D.Phil., Reader in Mathematics, Allahabad University, Allahabad. (1935).
164. SUBRAHMANYAN, V., D.Sc., F.I.C., Professor of Biochemistry, Indian Institute of Science, Bangalore.
165. SUR, N. K., D.Sc., Meteorologist, Alipore Observatory, Calcutta. (1938).
166. TAYLOR, MAJOR-GENERAL J., C.I.E., D.S.O., M.D., D.P.H., I.M.S., Director, Central Research Institute, Kasauli (Simla Hills).
167. TEMPLE, F. C., (Hony. Col.) A.F. (I.), C.I.E., V.D., A.D.C., 28, Victoria Street London, S.W.1. (1937).
168. TIRUMURTI, T. S., Rao Bahadur, B.A., M.B. & C.M., D.T.M. & H., Retired Civil Surgeon, 1, Krishnamachari Road, Nungumbakam, Madras.
169. UKIL, A. C., M.B., M.S.P.E., Tuberculosis Research Officer, All-India Institute of Hygiene and Public Health, Calcutta. (1935).
170. VENKATARAMAN, K., M.S.Tech., Ph.D., D.Sc., Director, Bombay University Laboratories of Chemical Technology and Textile Chemistry, Bombay. (1939).
171. VENKATARAMAN, T. S., Diwan Bahadur, B.A., I.A.S., Imperial Sugar Cane Specialist, P.O. Lawley Road, Coimbatore.
172. VENKATESACHAR, B., Rao Bahadur, M.A., F.Inst.P., Ambika Bilas, Bull Temple Road, Basavangudi, Bangalore.
173. VIJAYARAGHAVAN, T., Ph.D. (Oxon), Reader in Mathematics, Dacca University, Ramna, Dacca.
174. VISWANATH, B., Rao Bahadur, F.I.C., F.C.S., Director, Imperial Agricultural Research Institute, New Delhi.
175. WADIA, D. N., M.A., B.Sc., F.G.S., F.R.G.S., F.R.A.S.B., Mineralogist to the Ceylon Government, Torrington Square, Colombo.

176. WARE, F., C.I.E., F.R.C.V.S., I.V.S., Animal Husbandry Commissioner with the Government of India, New Delhi.
177. WEST, W. D., M.A. (Cantab.), Geologist, Geological Survey of India, Indian Museum, Calcutta.
178. WHEELER, T. S., D.Sc., Ph.D., F.R.C.Sc.I., F.I.C., F.Inst.P., M.I.Chem.E., State Chemist, State Laboratory, Upper Merrion St., Dublin, Eire.
179. YAJNIK, N. A., M.A., D.Sc., A.I.C., Professor of Chemistry, Punjab University, Lahore. (1940).

HONORARY FELLOWS.

1. DR. E. V. APPLETON, M.A., D.Sc., F.R.S., Secretary, Department of Scientific and Industrial Research of Great Britain, London.
2. DR. E. B. BAILEY, F.R.S., Director-General, Geological Survey of Great Britain, London.
3. PROF. NIELS BOHR, N. L., 15, Belgdamsvej, Copenhagen.
4. PROF. F. O. BOWER, Sc.D. (Cantab.), LL.D., F.R.S., Emeritus Professor of Botany, Glasgow University, 2, The Crescent, Ripon, Yorks.
5. SIR RICKARD CHRISTOPHERS, Kt., C.I.E., O.B.E., M.B., Brevet-Colonel, I.M.S. (Retd.), 186, Huntingdon Road, Cambridge.
6. PROF. LUDWIG DIELS, Director-General of the Botanical Garden and Museum, 7, Konigin Luise Strasse, Berlin-Dahlem, Germany.
7. PROF. F. G. DONNAN, F.R.S., Formerly Director, Sir William Ramsay Laboratory, University College, 23, Woburn Square, London, W.C. 1.
8. SIR ARTHUR EDDINGTON, D.Sc., LL.D., F.R.S., Plumian Professor of Astronomy and Experimental Philosophy, Cambridge University, Cambridge.
9. PROF. CHARLES W. EDMUNDS, A.B., M.D., Professor of Pharmacology and Therapeutics, University of Michigan Medical School, Ann Arbor, Michigan, U.S.A.
10. PROF. ALBERT EINSTEIN, N.L., Princeton University, New Jersey, U.S.A.
11. PROF. R. A. FISHER, Sc.D., F.R.S., Galton Professor in the University of London.
12. PROF. E. S. GOODRICH, M.A., D.Sc., F.R.S., Linacre Professor of Zoology and Comparative Anatomy, University of Oxford.
13. MAJOR M. GREENWOOD, D.Sc., F.R.C.P., F.R.S., Professor of Epidemiology and Vital Statistics, London School of Tropical Medicine and Hygiene.
14. SIR THOMAS H. HOLLAND, K.C.S.I., K.C.I.E., D.Sc., F.R.S., Principal of the University of Edinburgh.
15. SIR FREDERICK GOWLAND HOPKINS, Kt., M.A., D.Sc., N.L., F.R.S., Sir William Dunn Professor of Biochemistry in the University of Cambridge.
16. SIR ARTHUR B. KEITH, M.D., F.R.C.S., LL.D., F.R.S., Buckston Browne Farm, Downe, Farnborough, Kent, England.
17. PROF. E. O. LAWRENCE, Radiation Laboratory, California University, Berkeley, U.S.A.
18. SIR GUY A. K. MARSHALL, C.M.G., F.R.S., Director, Imperial Institute of Entomology, London.
19. PROF. J. PERRIN, N.L., Sorbonne, Paris.
20. SIR ROBERT ROBINSON, D.Sc., F.R.S., Waynflete Professor of Organic Chemistry in the Dyson Perrins Laboratory, Oxford University.
21. SIR E. JOHN RUSSELL, D.Sc., F.R.S., Director, Rothamsted Agricultural Experimental Station, Harpenden, Herts, England.
22. SIR CHARLES S. SHERRINGTON, O.M., G.B.E., N.L., F.R.S., Formerly Waynflete Professor of Physiology in the University of Oxford, Broomside, Valley Road, Ipswich, England.
23. DR. C. M. WENYON, C.M.G., C.B.E., F.R.S., Director-in-chief, Wellcome Bureau of Scientific Research, 183, Euston Road, London, N.W. 1.

APPENDIX II.

COMMITTEES, 1942.

SECTIONAL COMMITTEES.

(1) 'Mathematics' Committee for Mathematics, Astronomy and Geodesy:—

	To serve until Dec. 31.
Mr. T. P. Bhaskara Shastri	1942.
Lt.-Col. E. A. Glennie	1942.
Dr. S. K. Banerji (Secretary and Convener)	1943.
Prof. V. V. Narlikar	1943.
Principal B. M. Sen	1944.
Prof. P. C. Mahalanobis	1944.

(2) 'Physics' Committee for Physics and Meteorology:—

Prof. K. S. Krishnan (Secretary and Convener)	1942.
Prof. S. N. Bose	1942.
Prof. P. K. Kichlu	1943.
Prof. B. B. Ray	1943.
Dr. N. K. Sur	1944.
Dr. D. S. Kothari	1944.

(3) 'Chemistry' Committee for Pure and Applied Chemistry:—

Prof. P. C. Mitter (Secretary and Convener)	1942.
Sir S. S. Bhatnagar	1942.
Dr. K. Venkataraman	1943.
Prof. M. Qureshi	1943.
Dr. J. K. Basu	1944.
Dr. B. C. Guha	1944.

(4) 'Engineering Sciences' Committee for Engineering, Metallurgy, Electro-technics and kindred subjects:—

Mr. F. N. Mowdawalla	1942.
Prof. P. N. Ghosh	1942.
Dr. F. G. Percival (Secretary and Convener)	1943.
Mr. W. C. Ash	1943.
Dr. Gilbert Fowler	1944.

(5) 'Geology' Committee for Geology, Palaeontology, Mineralogy and Geography:—

Prof. L. Rama Rao	1942.
Mr. W. D. West (Secretary and Convener)	1942.
Mr. D. N. Wadia	1943.
Mr. E. S. Pinfold	1943.
Dr. M. S. Krishnan	1944.
Mr. J. B. Auden	1944.

(6) 'Botany' Committee for Pure and Applied Botany, Forestry and Agronomy:—

Dr. K. Bagchee	1942.
Dr. P. Maheshwari	1942.
Principal P. Parija (Secretary and Convener)	1943.
Prof. S. R. Bose	1943.
Prof. S. P. Agharkar	1944.
Rao Bahadur G. N. Rangaswami Ayyangar	1944.

(7) 'Zoology' Committee for Pure and Applied Zoology and Anthropology including Ethnology:—

	To serve until Dec. 31.
Mr. J. P. Mills .. .. .	.. 1942.
Dr. B. Prashad (Secretary and Convener) .. .. .	.. 1942.
Dr. B. S. Guha .. .. .	.. 1943.
Dr. H. S. Pruthi .. .. .	.. 1943.
Khan Bahadur M. Afzal Husain .. .. .	.. 1944.
Prof. R. Gopala Aiyar .. .. .	.. 1944.

(8) 'Physiology' Committee for Animal Physiology, Pathology, Bacteriology, Psychology and other Medical and Veterinary subjects:—

Bt.-Col. Sir R. N. Chopra .. .. .	.. 1942.
Dr. C. G. Pandit .. .. .	.. 1942.
Major C. L. Pasricha (Secretary and Convener) .. .. .	.. 1942.
Sir U. N. Brahmachari .. .. .	.. 1943.
Major-General J. Taylor .. .. .	.. 1943.
Dr. K. N. Bagchi .. .. .	.. 1943.
Mr. F. Ware .. .. .	.. 1944.
Lt.-Col. S. S. Sokhey .. .. .	.. 1944.
Prof. N. N. Sen Gupta .. .. .	.. 1944.

APPENDIX III.

LIST OF INSTITUTIONS ON THE EXCHANGE LIST.

Indian.

Allahabad.

1. Allahabad University.
2. National Academy of Sciences, India.

Bangalore.

3. Department of Agriculture, Mysore State.
4. Electrical Engineering Society.
5. Geological Survey Department, Mysore State.
6. Indian Academy of Sciences.
7. Indian Institute of Science.
8. Meteorological Department, Mysore State.
9. Mysore University.
10. Society of Biological Chemists, India.

Benares.

11. Indian Botanical Society.

Bombay.

12. Anthropological Society of Bombay.
13. Bombay Natural History Society.
14. Indian Central Cotton Committee.
15. Royal Institute of Science.

Calcutta.

16. Anthropological Society of India.
17. Biochemical Society of India.
18. Botanical Survey of India.
19. Calcutta Mathematical Society.
20. Calcutta Medical Club.
21. Calcutta School of Tropical Medicine.
22. Calcutta University.
23. Carmichael Medical College.
24. Geological, Mining and Metallurgical Society of India.
25. Geological Survey of India.
26. Indian Association for the Cultivation of Science.
27. Indian Chemical Society.
28. Indian Medical Gazette (Thacker, Spink & Co. (1933) Ltd.)
29. Indian Physical Society.
30. Indian Psychological Association.
31. Indian Statistical Institute.
32. Indian Tea Association.
33. Institution of Chemists, India.
34. Mining, Geological and Metallurgical Institute of India.
35. Physiological Society of India.
36. Royal Agri-Horticultural Society of India.
37. Royal Asiatic Society of Bengal.
38. Science and Culture.
39. Survey of India Department.
40. Zoological Survey of India.

Coonoor.

41. Pasteur Institute of Southern India.

Dacca.

42. Dacca University.

Dehra Dun.

43. Board of Management, Indian Forester.
44. Imperial Forest Research Institute.

Hyderabad (Deccan).

45. Department of Mines and Geological Survey, H.E.H. Nizam's Government.
46. Osmania University.

Indore.

47. Institute of Plant Industry.

Kasauli.

48. Central Research Institute.
49. Indian Journal of Medical Research.
50. Malaria Institute of India.

Lahore.

51. Punjab University.

Lucknow.

52. Indian Zoological Memoirs.
53. Lucknow University.

Madras.

- 54. King Institute of Preventive Medicine.
- 55. Madras Fisheries Department.
- 56. Madras Government Museum.

Muktesar.

- 57. Imperial Veterinary Research Institute.

Naggar (Punjab).

- 58. Himalayan Research Institute, Roerich Museum.

New Delhi.

- 59. Imperial Council of Agricultural Research.

Poona.

- 60. Indian Mathematical Society.
- 61. India Meteorological Department.

Ranchi

- 62. Indian Lac Research Institute.

Simla.

- 63. Himalayan Club.

*Foreign.**Canada.*

- 64. Department of Mines, Ottawa.
- 65. Geological Survey of Canada, Ottawa.

Cape Colony.

- 66. South African Library, Cape Town.

China.

- 67. Chinese Physical Society, Kunming.
- 68. National Agricultural Research Bureau, Nanking.

France.

- 69. Museum d'Histoire Naturelle, Paris.

Germany.

- 70. Chemisches Zentralblatt, Berlin.

Great Britain.

- 71. British Museum, Natural History Section, London.
- 72. Imperial Bureau of Plant Genetics (for crops other than Herbage), Cambridge.
- 73. Imperial Bureau of Plant Genetics (Herbage plants), Aberystwyth,
- 74. Nature, London.
- 75. Patent Office, London.

- 76. Royal Botanic Gardens, Edinburgh.
- 77. Royal Society of Edinburgh.
- 78. Science Museum, London.

Italy.

- 79. Institute International d'Agriculture, Rome.

Java.

- 80. Department van Economische Zaken, Batavia.

Palestine.

- 81. Jewish National University, Rehovoth.

Philippines.

- 82. Scientific Library, Bureau of Science, Manila.

Russia.

- 83. All-Union Lenin Library, Moscow.

Uganda.

- 84. Geological Survey of Uganda.

U.S.A.

- 85. American Chemical Society, Columbus.
- 86. American Museum of Natural History, New York.
- 87. California University, Berkeley.
- 88. Marine Biological Laboratory, Woods Hole, Mass.
- 89. Missouri Academy of Science, Columbia.
- 90. Scripta Mathematica, New York.
- 91. Smithsonian Institution, Washington.
- 92. Treasury Department, U.S. Public Health Service, Washington.
- 93. U.S. Department of Agriculture, Washington.
- 94. U.S. National Bureau of Standards, Washington.
- 95. U.S. National Museum, Washington.

APPENDIX IV.
LIST OF PERIODICALS RECEIVED IN EXCHANGE OR AS PRESENTATION.*Indian.*

- Annual Report Haffkine Institute.
- Annual Report of the Imperial Veterinary Research Institute.
- Annual Report of the Indian Central Cotton Committee.
- Annual Report of the Department of Agriculture, Mysore.
- Annual Report of the Indian Association for the Cultivation of Science.
- Annual Return of Statistics relating to Forest Administration in British India.
- Annual Review of Biochemical and Allied Research in India.
- Bulletin Madras Fisheries.
- Bulletin of the Indian Central Cotton Committee.
- Bulletin of the Calcutta Mathematical Society.
- Calcutta Medical Journal.

Forest Bulletin.
 Forest Research in India and Burma.
 General Report of the Survey of India.
 Indian Farming.
 Indian Forester.
 Indian Forest Records.
 Indian Journal of Agricultural Science.
 Indian Journal of Medical Research.
 Indian Journal of Physics.
 Indian Journal of Veterinary Science and Animal Husbandry.
 Indian Medical Gazette.
 Indian Zoological Memoirs.
 Industrial and News Edition, Indian Chemical Society.
 Journal of the Indian Chemical Society.
 Journal of the Indian Mathematical Society.
 Journal of the Indian Medical Association.
 Journal of the Malaria Institute, India.
 Journal of the University of Bombay.
 Journal of the University of Mysore.
 Journal of the Osmania University.
 Mysore Agricultural Calendar.
 Popular Studies, Mysore Geological Department.
 Proceedings of the Indian Academy of Sciences.
 Proceedings of the Institute of Chemists (India).
 Quarterly Journal of the Geological, Mining and Metallurgical Society of India.
 Rasayanam.
 Records of the Botanical Survey of India.
 Records of the Mysore Geological Department.
 Report Bio-Chemical Standard Laboratory.
 Report of the Botanical Survey of India.
 Report of the King Institute of Preventive Medicine, Madras.
 Science and Culture.
 Scientific Monograph, Imperial Council of Agricultural Research.
 Scientific Notes of the India Meteorological Department.
 Seismological Bulletin of the India Meteorological Department.
 Statistical Leaflets of the Indian Central Cotton Committee.
 Summary Proceedings of the Meetings of the Indian Central Cotton Committee.
 The Mathematics Student.
 Transactions of the Mining, Geological and Metallurgical Institute of India.

Foreign.

American Museum Novitates, New York.
 Annales du Jardin Botanique de Buitenzorg.
 Biological Bulletin of the Marine Biological Laboratory, Woods Hole, Mass., U.S.A.
 Bulletin, Jardin Botanique, Buitenzorg.
 Bulletin of the Agricultural Experiment Station, Rehovoth, Palestine.
 Bulletin of the Scripps Institute of Oceanography, California University.
 Bulletin of the American Museum of Natural History, New York.
 Bulletin (Herbage Publication Series), Imperial Bureau of Plant Genetics, Aberystwyth.
 Bulletin of the U.S. National Museum, Washington.
 Contributions from the U.S. Herbarium, Washington.
 Crop Reports, National Agricultural Research Institute, Szechuan.
 Experiment Station Record, U.S. Department of Agriculture, Washington.
 Geological Survey Paper, Canada Department of Mines.
 Journal of the American Chemical Society.
 Memoirs of the Canada Department of Mines.
 Proceedings of the Royal Society of Edinburgh.
 Proceedings of the U.S. National Museum.
 Papers in Physical Oceanography and Meteorology, Woods Hole Oceanographic Institute.
 Publications in Botany, University of California.
 Report of the Canada Department of Mines.
 Scripta Mathematica, New York.
 Technical News Bulletin, National Bureau of Standards, Washington.
 Transactions and Proceedings of the Botanical Society of Edinburgh.
 Treubia.

APPENDIX V.

THE NATIONAL INSTITUTE OF SCIENCES OF INDIA.

Receipts and Payments Account for the year ended 30th November, 1941.

RECEIPTS.		Rs.	A.	P.	PAYMENTS		Rs.	A.	P.
To Balance brought forward	..	47,427	14	10	By Salaries of Staff	..	3,171	5	6
" Members' Admission Fees	..	320	0	0	" Printing Circulars, Notices, etc.	..	65	7	0
" Subscriptions	..	5,504	1	0	" Publications, Reports, etc.	..	3,565	0	6
" Contributions towards publication of 'Indian Science Abstracts',	..	50	0	0	" 'Indian Science Abstracts',	..	2,169	8	0
" Sale of Authors' extra copies and publications	..	409	7	0	" Contributions to other Science Academies under Rule 19	..	1,056	0	0
" Sale of 'Indian Science Abstracts'	..	124	0	0	" Honoraria, etc. for preparing Abstracts for 'Indian Science Abstracts'	..	550	0	0
" Interest on Investments	..	1,505	1	0	" Postage	..	437	13	6
" Grants-in-aid—					" Stationery	..	159	1	9
Government of India	..	7,000	0	0	" Audit Fee	..	50	0	0
Universities	..	1,000	0	0	" Travelling	..	87	6	0
" Miscellaneous Receipts	..	8,000	0	0	" Rent of Office	..	600	0	0
					" Miscellaneous Expenses	..	83	12	0
					" Bank Charges	..	18	15	0
					" Cash and Other Balances—				
					Investments—				
					3½% G.P. Notes 1842/43	5,000			
					3½% " 1854/55	2,000			
					3½% " 1865	6,000			
					3½% " 1879	2,000			
					3½% " 1900/01	8,000			
					4% Loan 1960/70	17,000			
						40,000			

At cost .. 40,786 13 10

With Imperial Bank of India—

	Rs.	A.	P.
On Savings Bank Account	..	5,713	9 0
On Current Account	..	4,818	12 9
In hand	..	10,532	5 9
		14 3 0	
		51,333	6 7

TOTAL .. 63,347 11 10

TOTAL .. 63,347 11 10

Examined with the Books and Vouchers and found in accordance therewith.

PRICE, WATERHOUSE, PEAT & CO. } Auditors.
Chartered Accountants,
Registered Accountants.

CALCUTTA,
8th December, 1941.

APPENDIX VI.

BUDGET ESTIMATES.

	1940-41 Estimates.	1940-41 Actuals.	1941-42 Estimates.
	Rs.	Rs.	Rs.
<i>Ordinary Receipts.</i>			
Subscription	5,500	5,373	5,500
Interest	1,400	1,505	1,500
Contributions towards publication of 'Indian Science Abstracts'	1,500	50	100
Sale of publications including 'Indian Science Abstracts'	600	533	500
Grants-in-aid from Universities	1,000	1,000	1,000
Grants-in-aid from Government of India	7,000	7,000	7,000
Miscellaneous Receipts .. .. .	..	7	..
Contributions from General Fund	700	..	3,800
	<u>17,700</u>	<u>15,468</u>	<u>19,400</u>
<i>Extraordinary Receipts.</i>			
Admission Fees	320	320	320
Compounding Fees	131	131	..
	<u>451</u>	<u>451</u>	<u>320</u>
<i>Ordinary Payments.</i>			
Salaries and allowances	3,300	3,171	3,300
Publications including 'Indian Science Abstracts' and Circulars	10,000	5,800	12,000*
Contributions to co-operating academies under Rule 19	1,200	1,056	1,200
Honoraria, etc., for preparing abstracts for 'Indian Science Abstracts'	1,000	550	1,000
Furniture	300	..	..
Postage	600	438	600
Stationery	150	159	150
Audit Fee	50	50	50
Travelling	400	87	400
Office rent	600	600	600
Miscellaneous (including bank charges) Refunded to General Fund	100	103	100
	..	3,454	..
	<u>17,700</u>	<u>15,468</u>	<u>19,400</u>
<i>Extraordinary Payments.</i>			
Funding of Admission Fees and Com- pounding Subscription	451	451	320

* Additional provision has been made to cover the increased cost of paper and publications.