

## 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 1937, 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 144 Ordinary Fellows and 11 Honorary Fellows. Ten Ordinary Fellows and four Honorary Fellows were elected during the year in accordance with the procedure laid down in the Regulations. The Institute lost two Ordinary Fellows and two Honorary Fellows by death and one Ordinary Fellow by resignation. The total number of Fellows on the roll at the end of the year is 151 Ordinary and 13 Honorary Fellows.

### *Office accommodation.*

The need for more accommodation for the offices of the Institute, that was stressed in last year's report, is an ever-present problem. Difficulty is already being experienced in finding storage room for the stock of the Institute's publications that is rapidly accumulating. Accommodation is needed for the growing library of the Institute and a reading room for Fellows when they visit the rooms of the Institute. Increased accommodation is also required for the additional staff, appointment of which will have to be considered by the Council at an early date.

The Council are considering the question of approaching the Government of India for accommodation in one of their buildings.

### *Meetings.*

The second Annual Meeting was held at the Osmania University, Hyderabad, on the 5th January, 1937. An account of the meeting was published in the *Proceedings*, Vol. III, pp. 1-2.

Three Ordinary General Meetings were held during the year, the first on the 25th March, 1937 in the Physics Lecture Theatre of the Allahabad University, the second on the 27th and 28th August, 1937 in the All-India Institute of Hygiene and Public Health, Calcutta, and the third on the 6th November, 1937 at the University of Delhi. Accounts of these meetings will be found in the *Proceedings*, Vol. III, pp. 387-388, 411-412 and 413-414. The papers read at the first of these meetings, with a few exceptions, have

been published in the *Proceedings*, Vol. III, No. 3. Those read at subsequent meetings will be published in due course.

At the meeting on the 27th and 28th August, 1937, a Symposium on the 'Malaria Problem in India' was held, which was attended by a large number of medical and scientific workers from all parts of India.

### *The Council.*

The officers and members of Council for the year 1937 were elected at the second Annual General Meeting held on the 5th January, 1937. Together with the representatives of the co-operating Academies and the Indian Science Congress Association the Council was constituted as follows:—

<i>President</i>	..	..	Prof. M. N. Saha.
<i>Vice-Presidents</i>	..	..	Prof. S. S. Bhatnagar. Brevet-Col. R. N. Chopra.
<i>Additional Vice-Presidents</i>	..	..	Sir U. N. Brahmachari. Prof. N. R. Dhar. Rao Bahadur T. S. Venkataraman. Dr. T. S. Wheeler.
<i>Treasurer</i>	..	..	Rai Bahadur Dr. S. L. Hora.
<i>Foreign Secretary</i>	..	..	Prof. E. Sahni.
<i>Secretaries</i>	..	..	Prof. S. P. Agharkar. Dr. A. M. Heron.
<i>Members of Council</i>	..	..	Mr. T. P. Bhaskara Shastri. Dr. G. S. Bose. Sir Bryce Burt. Prof. J. C. Ghosh. Dr. F. H. Gravely. Khan Bahadur M. Afzal Husain. Prof. K. S. Krishnan. Dr. R. B. Lal. Prof. S. K. Mitra. Prof. J. N. Mukherjee. Dr. C. W. B. Normand. Dr. Bains Prashad. Prof. N. R. Sen. Lt.-Col. S. S. Sokhey. Col. J. Taylor. Sir Gerald Trevor. Rao Bahadur B. Venkatesachar. Mr. F. Ware. Brigadier Sir Harold Couchman Sir Lewis Formor.
<i>Additional Members of Council</i>	..	..	Mr. C. C. Calder. Prof. P. S. MacMahon. Prof. G. Matthai. Mr. W. D. West.

} *Ex-officio.*

The Council held 9 ordinary and 1 special meeting during the year. The special meeting was held on the 7th June, 1937 to consider the terms on which the Government of India sanctioned a grant of Rs.6,000 per annum to the Institute.

During the absence of Prof. S. P. Agharkar out of Calcutta for a month in May-June, 1937 the President nominated Dr. Bains Prashad, as per Rule 47, to act as Honorary Secretary.

The Council appointed Dr. C. S. Fox, Mr. E. R. Gee, Mr. D. N. Wadia and Prof. B. Sahni as its delegates to the 17th International Geological Congress held at Moscow in July. Only Dr. Fox was able to attend. Dr. E. Spencer also attended the 17th International Geological Congress.

#### *Sectional Committees.*

There were no changes in the personnel of the Sectional Committees during the year, except that Sir U. N. Brahmachari was appointed to act as Secretary of the Physiology Committee during the absence out of India of Brevet-Col. R. N. Chopra.

#### *Additional Committees.*

A Committee consisting of Prof. M. N. Saha, Prof. J. N. Mukherjee, Mr. W. D. West, Dr. A. M. Heron and Prof. S. P. Agharkar was appointed to consider Prof. V. Subrahmanyam's letter regarding the mode of election of the Council of the Institute and to suggest suitable alterations to Rule 48, for consideration of the Council.

#### *Publications.*

Four numbers of the *Proceedings* and three numbers of the *Transactions* and the second number of *Indian Science Abstracts* for the year 1935 have been published since the last Annual Report. Copies of all these have been circulated to Fellows.

The Council resolved to supply the publications of the Institute free to Universities and similar bodies making annual grants to the funds of the Institute. It was also resolved to fix the annual subscription for the publications of the National Institute as follows :—

- Transactions*, (separately per part),
- Proceedings*, Rs.10 per annum,
- Indian Science Abstracts*, Rs.25 per volume,

and the combined subscription for all the publications of the Institute at Rs.40 per annum.

In order to make the publications of the Institute more widely known, the Council decided to extend the exchange distribution list. In this connection the Secretaries of Sectional Committees have been asked to prepare distribution lists in regard to their respective sciences. These lists have been referred to the Publication Committee for their views.

#### *Exchanges.*

Ten additional Societies and Institutions have been placed on the exchange list for the Institute's publications during the year, bringing the total number on the list to eighty (*vide* Appendix IV).

*Library.*

Three hundred and seventy books and parts of periodicals were added to the library during the year (*vide* Appendix V). The Royal Botanical Gardens, Edinburgh, who were placed on the exchange list during the current year, very kindly sent a complete set of their publications (*Proceedings and Transactions and Notes*) for the last twelve years.

*Presents and Donations.*

The following grants-in-aid have been sanctioned during the year to the Institute :—

(1) Rs.300 per annum for two years from the Government of H.E.H. the Nizam.

(2) Rs.6,000 per annum from the Government of India commencing with the financial year 1937-38. (The grant for the year will be received during the year 1938-39.)

*Finance.*

An audited statement of accounts of the National Institute for the period from 1st December, 1936 to 30th November, 1937 is submitted (*vide* Appendix VI). The total ordinary receipts for this period are Rs.9,294-1-6, inclusive of grants-in-aid amounting to Rs.1,300-0-0, and the ordinary payments Rs.13,392-12-0, showing an excess of payments over receipts of Rs.4,098-10-6. A sum of Rs.224-0-0 was realized on account of Admission Fees and a similar amount was funded in terms of Rule 71.

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

			Rs.	A.	P.
In Savings Bank account	..	..	5,014	8	0
„ Government paper	..	..	33,000	0	0
„ Current account	..	..	1,643	8	5
„ hand	..	..	15	2	6
		TOTAL	39,673	2	11

At the end of the year, however, the cash position of the Institute was as follows :—

			Rs.	A.	P.
In Savings Bank account	..	..	2,089	9	0
„ Government paper	..	..	33,000	0	0
„ Current account	..	..	700	15	5
„ hand	..	..	8	0	0
		TOTAL	35,798	8	5

*Rules and Regulations.*

The following alteration in the wording of Section 8 of Regulation 4 regarding Sectional Committees was adopted by the Council :—

‘ A Physiology Committee for Animal Physiology, Pathology, Bacteriology, Psychology and other medical and veterinary subjects ’ in place of ‘ A Physiology Committee for Animal Physiology and Medical subjects ’.

## APPENDICES.

- I. List of Fellows.
- II. Abstracts of Proceedings of the Council.
- III. Committees, 1938.
- IV. List of Institutions on the exchange list.
- V. Periodicals received for the library.
- VI. Audited statement of accounts, Dec. 1936–Nov. 1937.
- VII. Budget Estimate, Dec. 1937–Nov. 1938.

## 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. AGHARKAR, S. P., M.A., Ph.D., F.L.S., Ghose Professor of Botany, Calcutta University, 35 Ballyganj Circular Road, Calcutta.
3. AHMAD, NAZIR, M.Sc., Ph.D., Director, Indian Central Cotton Committee's Technological Laboratory, Matunga, Bombay.
4. AJREKAR, S. L., B.A., I.E.S., Professor of Botany, Gujarat College, Ahmedabad.
5. ANANDARAO, K., Rao Bahadur, M.A., I.E.S., Professor of Mathematics, Presidency College, Madras.
6. ASH, W. C., B.Sc., M.Inst.C.E., A.M.I.Mech.E., Bengal Club, Calcutta.
7. AWATI, P. R., B.A., D.I.C., I.E.S., Professor of Zoology, Royal Institute of Science, Mayo Road, Bombay 1.
8. BAGCHEE, K. D., D.Sc., D.I.C., Mycologist, Imperial Forest Research Institute, Dehra Dun, U.P.
9. BAHL, K. N., D.Sc., D.Phil., Professor of Zoology, Lucknow University, Lucknow.
10. BANERJI, A. C., M.Sc., M.A., F.R.A.S., I.E.S., Professor of Mathematics, Allahabad University, Allahabad.
11. BANERJI, S. K., D.Sc., Meteorologist, Meteorological Office, Poona 5.
12. BEESON, C. F. C., D.Sc., Forest Entomologist, Imperial Institute of Forest Research, Dehra Dun, U.P.
13. BHARADWAJ, Y., M.Sc., Ph.D. (Lond.), F.L.S., Professor of Botany and Head of the Department, Hindu University, Benares. (1937).
14. BHASKARA SHASTRI, T. P., M.A., F.R.A.S., Director, Nizamia Observatory, Hyderabad (Deccan).
15. BHATTA, B. L., D.Sc., F.Z.S., F.R.M.S., F.A.Sc., Director, The Science Press of India, 13 Hotusingh Road, Lahore. (1937).
16. BHATNAGAR, S. S., O.B.E., D.Sc., University Professor of Chemistry and Director, University Chemical Laboratories, Lahore.
17. BHATTACHARYA, D. R., M.Sc., Ph.D., Dr. ès Sciences (Paris), Professor of Zoology, Allahabad University, 7 Malaviya Road, Allahabad.
18. BOMFORD, MAJOR GUY, R.E., Survey of India, Dehra Dun. (1935).
19. BOSE, D. M., M.A., B.Sc., Ph.D., Palit Professor of Physics, Calcutta University, 92 Upper Circular Road, Calcutta.
20. BOSE, G. S., D.Sc., M.B., Head of the Department of Experimental Psychology, Calcutta University, 92 Upper Circular Road, Calcutta.
21. BOSE, S. N., M.Sc., Professor of Physics, Dacca University, Dacca.
22. BOSE, S. R., M.A., Ph.D., F.R.S.E., Professor of Botany, Carmichael Medical College, Calcutta. (1935).
23. 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), 82-3 Cornwallis Street, Calcutta.
24. BURNS, W., D.Sc., I.A.S., Offg. Agricultural Expert, Imperial Council of Agricultural Research, New Delhi. (1935).
25. BURRIDGE, W., D.M., M.A. (Oxon), Professor of Physiology, Lucknow University, Lucknow.
26. BURT, SIR B. C., Kt., C.I.E., M.B.E., B.Sc., I.A.S., Offg. Vice-Chairman, Imperial Council of Agricultural Research, New Delhi.

27. CALDER, C. C., B.Sc. (Agr.), F.L.S., Formerly Director, Botanical Survey of India and Superintendent, Royal Botanic Gardens, Sibpur, Howrah. C/o Messrs. Thomas Cook & Sons, Bankers, Berkeley Street, London.
28. CHAKRAVARTI, S. N., M.Sc., D.Phil., F.C.S., Chemical Examiner to the Government of U.P. and C.P., Agra. (1935).
29. CHAMPION, H. G., M.A., Conservator of Forests, Western Circle, Naini Tal, United Provinces.
30. CHATTERJEE, G., M.Sc., Meteorologist-in-Charge, Upper Air Observatory, Agra. (1935).
31. CHAUDHURI, H., M.Sc., D.Sc., Ph.D., D.I.C., Reader and Head of University Teaching in Botany and Director, Kashyap Research Laboratory, Punjab University, Lahore.
32. CHOPRA, B. N., D.Sc., F.L.S., Assistant Superintendent, Zoological Survey of India, Indian Museum, Calcutta. (1935).
33. CHOPRA, BREVET-COL. R. N., C.I.E., M.D., Sc.D., F.R.A.S.B., K.H.P., I.M.S., Director, School of Tropical Medicine, Calcutta.
34. CHOWLA, S., M.A., Ph.D., Professor of Mathematics, Government College, Lahore.
35. COUCHMAN, BRIGADIER SIR HAROLD, Kt., D.S.O., M.C., Formerly Surveyor-General of India. C/o Lloyds Bank Ltd., R. Dept., 6 Pall Mall, London, S.W. 1.
36. COULSON, A. L., D.Sc., D.I.C., F.G.S., Superintending Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
37. DASTUR, R. H., M.Sc., Cotton Physiologist, Agricultural College, Lyallpur, Punjab.
38. DATTA, S., M.Sc., D.Sc., D.I.C., Professor of Physics, Presidency College, Calcutta. (1935).
39. DEY, B. B., D.Sc., F.I.C., I.E.S., Professor of Chemistry, Presidency College, Madras.
40. DHAR, N. R., D.Sc., F.I.C., I.E.S., University Professor of Chemistry, Allahabad University, Allahabad.
41. DUNN, J. A., D.Sc., D.I.C., F.G.S., Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
42. DUNNICLIFF, H. B., M.A., Sc.D., F.I.C., I.E.S., University Professor of Inorganic Chemistry, Government College, Lahore.
43. DUTT, S. B., D.Sc., Reader in Organic Chemistry, Allahabad University, Allahabad. (1935).
44. EVANS, P., B.A., F.G.S., Geologist, The Burmah Oil Company, Ltd., P.O. Digboi, Assam.
45. 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., Formerly Director, Geological Survey of India. C/o Lloyds Bank, 6 Pall Mall, London, S.W. 1.
46. FORSTER, SIR MARTIN O., Kt., D.Sc., Ph.D., F.R.S., Old Banni Mantap, Mysore City.
47. FOWLER, GILBERT J., D.Sc., F.L.C., Consulting Chemist, Mackay's Gardens Annexe, Grames Road, Cathedral P.O., Madras.
48. FOX, C. S., D.Sc., M.I.Min.E., Superintending Geologist, Geological Survey of India, Calcutta.
49. GEE, E. R., M.A., F.G.S., Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
50. GHOSE, S. L., M.Sc., Ph.D., Professor of Botany, Government College, Lahore.
51. GHOSH, J., M.A., Ph.D., Professor of Mathematics, Presidency College, Calcutta. (1936).
52. GHOSH, J. C., D.Sc., Professor and Head of the Department of Chemistry, Dacca University, Dacca.
53. GHOSH, P. N., M.A., Ph.D., Sc.D. (Hon.), F.Inst.P., Ghose Professor of Applied Physics, Calcutta University, 92 Upper Circular Road, Calcutta.
54. GLENNIE, LT.-COL. E. A., D.S.O., R.E., Survey of India, Dehra Dun.
55. GRAVELY, F. H., D.Sc., F.R.A.S.B., Superintendent, Government Museum, Museum House, Egmore, Madras.
56. GUHA, B. S., M.A., Ph.D., Assistant Superintendent, Zoological Survey of India, Indian Museum, Calcutta.

57. GUHA, P. C., D.Sc., Acting Professor of Organic Chemistry, Indian Institute of Science, Hebbal, Bangalore. (1935).
58. HADDOW, J. R., B.Sc., M.R.C.V.S., D.V.S.M., Veterinary Research Officer-in-charge of Serology, Imperial Veterinary Research Institute, Muktesar-Kurnaun, U.P.
59. HERON, A. M., D.Sc., F.G.S., F.R.G.S., F.R.S.E., F.R.A.S.B., Director, Geological Survey of India, Indian Museum, Calcutta.
60. HORA, S. L., Rai Bahadur, D.Sc., F.R.S.E., F.L.S., F.Z.S., F.R.A.S.B., Asst. Superintendent, Zoological Survey of India, Indian Museum, Calcutta.
61. HUSAIN, M. AFZAL, Khan Bahadur, M.A., M.Sc., I.A.S., Principal, Punjab Agricultural College, Lyallpur, Punjab.
62. IYENGAR, M. O. P., M.A., Ph.D., F.L.S., University Professor of Botany, Madras University, Triplicane, Madras.
63. KAPUR, S. N., Ph.D., Imperial Forest Research Institute, Dehra Dun.
64. KICHLU, P. K., D.Sc., Professor of Physics, Government College, Lahore. (1935).
65. KOSHY, P. K., F.R.C.P., Professor of Anatomy, Medical College, Madras.
66. KOTHARI, D. S., M.Sc., Ph.D., Reader and Head of the Physics Department, Delhi University. (1936).
67. KRISHNA, S., Ph.D., D.Sc., F.I.C., Forest Biochemist, Imperial Forest Research Institute, Dehra Dun (U.P.).
68. KRISHNAN, K. S., D.Sc., Mahendra Lal Sircar Professor of Physics, Indian Association for the Cultivation of Science, 210 Bow Bazar Street, Calcutta.
69. KRISHNAN, K. V., M.B.B.S., L.R.C.P., D.B., D.Sc., Bacteriological Research Officer, School of Tropical Medicine, Calcutta.
70. KRISHNAN, M. S., A.R.C.S., Ph.D., D.I.C., Geologist, Geological Survey of India, Indian Museum, Calcutta. (1935).
71. LAL, R. B., M.B.B.S., D.P.H., D.T.M. & H., D.B., Offg. Director, All-India Institute of Hygiene & Public Health, Calcutta. (1935).
72. LAW, S. C., M.A., B.L., Ph.D., M.B.O.U., 50 Kailas Bose Street, Calcutta. (1936).
73. MACMAHON, P. S., M.Sc., B.Sc. (Oxon), F.I.C., I.E.S., Professor of Chemistry, Lucknow University, Lucknow.
74. MAHAJANI, G. S., M.A., Ph.D., M.L.C., Principal and Professor of Mathematics, Fergusson College, Poona 4.
75. MAHALANOBIS, P. C., M.A., B.Sc., I.E.S., Professor of Physics, Presidency College, Calcutta.
76. MAHESWARI, P., D.Sc., Lecturer in Botany, Allahabad University, Allahabad. (1935).
77. MATTHAI, GEORGE, M.A., Sc.D., F.L.S., F.Z.S., F.R.S.E., Professor of Zoology, Government College, Lahore.
78. MEHRA, H. R., M.Sc., Ph.D., Reader in Zoology, Allahabad University, Allahabad.
79. MEHTA, K. C., Rai Bahadur, M.Sc., Ph.D., Professor of Botany, Agra College, Agra.
80. MILLS, J. P., M.A., I.C.S., Secretary to H.E. the Governor, Stonylands, Shillong, Assam. (1936).
81. MITRA, S. K., D.Sc., Ghose Professor of Physics, Calcutta University, 92 Upper Circular Road, Calcutta.
82. MITTER, P. C., M.A., Ph.D., Palit Professor of Chemistry, Calcutta University, 92 Upper Circular Road, Calcutta.
83. MOHAMMAD, WALI, M.A., Ph.D., I.E.S., University Professor of Physics, Lucknow University, Lucknow.
84. MOWDAWALLA, F. N., M.A., M.I.E.E., Mem.A.I.E.E., M.I.E., 301 Frere Road, Fort, Bombay.
85. MUKHERJEE, J. N., D.Sc., F.C.S., Ghose Professor of Chemistry, Calcutta University, 92 Upper Circular Road, Calcutta.
86. NAIK, K. G., D.Sc., F.I.C., Professor of Chemistry, Baroda College, Baroda.
87. NARAYAN, A. L., M.A., D.Sc., F.I.P., Director, Solar Physics Observatory, Kodaikanal.
88. NEOGI, P., M.A., Ph.D., I.E.S., Senior Professor of Chemistry, Presidency College, Calcutta. (1936).
89. NORMAND, C. W. B., M.A., D.Sc., Director-General of Observatories, Meteorological Office, Poona 5.

90. OLVER, COL. SIR ARTHUR, C.B., C.M.G., F.R.C.V.S., Animal Husbandry Expert, Imperial Council of Agricultural Research, New Delhi.
91. PARANJPE, G. R., M.Sc., A.I.I.Sc., I.E.S., Professor of Physics, Royal Institute of Science, Bombay. (1937).
92. PARANJPYE, R. P., D.Sc., Vice-Chancellor, Lucknow University, Lucknow.
93. PARIJA, P. K., M.A., B.Sc., I.E.S., Professor of Botany, Ravenshaw College, Cuttack.
94. PARKINSON, C. E., Deputy Conservator of Forests, Minbu Division, Minbu, Burma. (1936).
95. PERCIVAL, F. G., Ph.D., F.G.S., Superintendent of Mines and Quarries, Tata Iron & Steel Co., Ltd., 3 Beldih Lake Road, Jamshedpur. (1936).
96. PHILPOT, H. P., B.Sc. (Eng.), A.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.
97. PINFOLD, E. S., M.A., F.G.S., Geologist, The Attock Oil Co., Ltd., Rawalpindi.
98. PRASAD, B. N., M.Sc., D.Sc., Ph.D., Mathematics Department, Allahabad University, Allahabad. (1936).
99. PRASAD, MATA, D.Sc., F.I.C., Professor of Inorganic and Physical Chemistry, Royal Institute of Science, Bombay. (1935).
100. 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.
101. PRUTHI, H. S., M.Sc., Ph.D., Imperial Entomologist, Imperial Agricultural Research Institute, New Delhi.
102. QURESHI, MUZAFARUDDIN, Ph.D., Professor of Chemistry, Osmania University, Hyderabad (Deccan).
103. RAJ, B. SUNDARA, Dewan Bahadur, M.A., Ph.D., Director of Fisheries, Madras. (1935).
104. RAMANATHAN, K. R., M.A., D.Sc., Meteorologist, Colaba Observatory, Bombay.
105. RAMDAS, L. A., M.A., Ph.D., Agricultural Meteorologist, Poona. (1935).
106. RANGASWAMI AYYANGAR, G. N., Rao Bahadur, B.A., I.A.S., Millets Specialist, Agricultural Research Institute, P.O. Lawley Road, Coimbatore, S.I.
107. RAO, B. RAMA, M.A., D.I.C., F.G.S., Director, Geological Survey Department, Mysore State, Bangalore.
108. RAO, C. V. HANUMANTHA, M.A., Professor of Mathematics, Punjab University, Lahore.
109. RAO, H. SRINIVASA, M.A., D.Sc., Assistant Superintendent, Zoological Survey of India, Indian Museum, Calcutta. (1937).
110. RAO, K. RANGADHARMA, D.Sc. (Madras and London), Reader in Physics, Andhra University, Waltair. (1937).
111. RAY, B. B., D.Sc., Khaira Professor of Physics, Calcutta University, 92 Upper Circular Road, Calcutta. (1935).
112. RAY, J. N., D.Sc., Ph.D., F.I.C., Professor of Organic Chemistry, University Chemical Laboratories, Lahore. (1935).
113. 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.
114. RAY, P. R., M.A., Khaira Professor of Chemistry, Calcutta University, 92 Upper Circular Road, Calcutta.
115. ROW, LT.-COL. R., M.D., D.Sc., I.M.S. (Hon.), 27 New Marine Lines, Bombay 1.
116. ROY, S. C., Rai Bahadur, M.A., B.L., Editor, 'Man in India', Ranchi.
117. ROYDS, T., D.Sc., Formerly Director, Solar Physics Observatory, Kodaikanal; 27 Rutland Road, South Port, Lanes., England.
118. SAHA, M. N., D.Sc., F.R.S., F.R.A.S.B., University Professor of Physics, Allahabad University, Allahabad.
119. SAHNI, B., M.A., Sc.D., D.Sc., F.G.S., F.R.S., F.R.A.S.B., University Professor of Botany, Lucknow University, Lucknow.
120. SARKAR, P. B., Dr. ès Sc., A.I.C., Lecturer in Chemistry, Calcutta University, 92 Upper Circular Road, Calcutta. (1935).
121. SEN, B. M., M.A., M.Sc., I.E.S., Principal, Presidency College, Calcutta.

122. SEN, H. K., M.A., D.Sc., D.I.C., Director, Indian Lac Research Institute, Namkum, Ranchi.
123. SEN, J. M., B.Sc., M.Ed. (Leeds), Dip. Ed. (Oxford), T.D. (London), F.R.G.S., Principal, Krishnagar College, Krishnagar. (1935).
124. SEN, N. R., D.Sc., Ph.D., Ghose Professor of Applied Mathematics, Calcutta University, 92 Upper Circular Road, Calcutta.
125. SENGUPTA, N. N., Ph.D., Professor of Psychology, Lucknow University, Lucknow.
126. 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. (1936).
127. SHORTT, LT.-COL. H. E., I.M.S., Director, King Institute of Preventive Medicine, Guindy, Madras. (1936).
128. SIDDIQI, M. R., M.A., Ph.D., Professor of Mathematics, Osmania University, Hyderabad. (1937).
129. SINGH, B. K., M.A., Sc.D., F.I.C., I.E.S., Professor of Chemistry, Science College, Bankipore, Patna.
130. SINTON, LT.-COL. J. A., V.C., O.B.E., M.D., D.Sc., D.P.H., D.T.M., I.M.S., Formerly Director, Malaria Survey of India; Downside, Windmill Lane, Epsom, Surrey, England.
131. SIRCAR, A. C., M.A., Ph.D., Professor of Chemistry, Presidency College, Calcutta. (1937).
132. SOKHEY, LT.-COL. S. S., M.A., M.D., D.T.M. & H., I.M.S., Director, Haffkine Institute, Parel, Bombay.
133. SOPARKAR, M. B., M.D., B.Hy., Medical Officer, Plague Research Inquiry, Indian Research Fund Association, King Institute of Preventive Medicine, Guindy, Madras. (1937).
134. 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.
135. SRIVASTAVA, P. L., M.A., D.Phil., Reader in Mathematics, Allahabad University, Allahabad. (1935).
136. SUBBAHMANYAN, V., D.Sc., F.I.C., Professor of Biochemistry, Indian Institute of Science, Bangalore.
137. SULAIMAN, THE HON'BLE SIR S. M., Kt., M.A., LL.D., Judge of the Federal Court of India, New Delhi. (1937).
138. TAYLOR, COL. J., C.I.E., D.S.O., M.D., D.P.H., I.M.S., Director, Central Research Institute, Kasauli (Simla Hills).
139. TEMPLE, F. C., (Hony. Col.) A.F. (I.), C.I.E., V.D., A.D.C., 28 Victoria Street, London, S.W. 1. (1937).
140. TIRUMURTI, T. S., Rao Bahadur, B.A., M.B. & C.M., D.T.M. & H., Professor of Pathology, Medical College, Vizagapatam.
141. TREVOR, SIR GERALD, Kt., C.I.E., Formerly President, Imperial Forest Research Institute, Dehra Dun.
142. UKIL, A. C., M.B., M.S.P.E., Tuberculosis Research Officer, All-India Institute of Hygiene and Public Health, Calcutta. (1935).
143. VENKATARAMAN, T. S., Rao Bahadur, B.A., I.A.S., Imperial Sugar Cane Specialist, P.O. Lawley Road, Coimbatore.
144. VENKATESACHAR, B., Rao Bahadur, M.A., F.Inst.P., Professor of Physics, Central College, Bangalore.
145. VIJAYARAGHAVAN, T., Ph.D. (Oxon.), Reader in Mathematics, Dacca University, Ramna, Dacca.
146. VISWANATH, B., Rao Bahadur, F.I.C., Offg. Director, Imperial Agricultural Research Institute, New Delhi.
147. WADIA, D. N., M.A., B.Sc., F.G.S., F.R.G.S., F.R.A.S.B., Geologist, Geological Survey of India, Indian Museum, Calcutta.
148. WARE, F., C.I.E., F.R.C.V.S., I.V.S., Director, Imperial Institute of Veterinary Research, Muktesar-Kumaun (U.P.).
149. WEST, W. D., M.A. (Cantab.), Geologist, Geological Survey of India, Indian Museum, Calcutta.
150. WHEELER, T. S., Ph.D., F.R.C.Sc.I., F.I.C., F.Inst.P., M.I.Chem.E., Principal, Royal Institute of Science, Mayo Road, Fort, Bombay 1.

151. WRAIGHT, E. A., C.I.E., A.R.S.M., M.I.M.M., F.I.C., Metallurgical Inspector, Jamshedpur.

## HONORARY FELLOWS.

1. PROF. NIELS BOHR, N. L., 15 Blegdamsvej, Copenhagen.
2. PROF. LUDWIG DIELS, Director-General of the Botanical Garden and Museum, 7 Königin Luise Strasse, Berlin-Dahlem, Germany.
3. PROF. F. G. DONNAN, F.R.S., Formerly Director, Sir William Ramsay Laboratory, University College, 23 Woburn Square, London, W.C. 1.
4. PROF. ALBERT EINSTEIN, N. L., Princeton University, New Jersey, U.S.A.
5. SIR JAMES G. FRAZER, O.M., D.C.L., LL.D., Litt.D., the Albemarle Club, London.
6. SIR THOMAS H. HOLLAND, K.C.S.I., K.C.I.E., D.Sc., F.R.S., Principal of the University of Edinburgh.
7. 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.
8. SIR ARTHUR B. KEITH, M.D., F.R.C.S., LL.D., F.R.S., Buckston Browne Farm, Downe, Farnborough, Kent, England.
9. SIR GUY A. K. MARSHALL, C.M.G., F.R.S., Director, Imperial Institute of Entomology, London.
10. PROF. ROBERT ROBINSON, D.Sc., F.R.S., Waynflete Professor of Organic Chemistry in the Dyson Perrins Laboratory, Oxford University.
11. SIR ALBERT C. SEWARD, D.Sc., Hon. LL.D., F.R.S., Formerly Master of Downing College and Emeritus Professor of Botany in the University of Cambridge, 209 Cromwell Road, London, S.W. 5.
12. 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.
13. 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.

## ABSTRACT PROCEEDINGS OF THE COUNCIL, 1937.

[NOTE.—These abstracts of the proceedings of the Council relate to questions dealt with which are likely to be of interest to Fellows. Routine matters and matters which are under consideration are not included.]

1. The Council considered a letter from the Government of India regarding suggestions for the agenda of the General Assembly of the International Council of Scientific Unions. (No. 5—19-4-37.)

(Note :—A reply was sent to the Government of India proposing that the General Assembly may be requested to reconsider the method of determining the contributions to be paid by adhering countries which are at present fixed on a population basis.)

2. The views expressed by members of Council on the letters from the Indian Academy of Sciences regarding (a) printing of the names of the representatives of the co-operating Academies on the covers of the Institute's publications, and (b) modification of the rules to permit the appointment of persons who are not Fellows of the National Institute as representatives of the co-operating Academies on the Council of the Institute were considered. (No. 5—26-7-37.)

(Note :—The Council resolved : (a) to print the names in future in alphabetical order in each case and without indication of the Institution represented, and (b) that it is not desirable to have on the Council of the Institute persons who are not Fellows of the Institute, even as representatives of the co-operating Academies.)

3. The opinions of members of Council regarding the modification to rules to permit the appointment of a representative of the Government of India on the Council of the Institute were considered. (No. 4—27-8-37.)

(Note :—The Council resolved that in future only 24 members of Council be elected annually, the 25th place being filled by the appointment of a representative of the Government of India from among the Fellows of the Institute in accordance with the provisions of Rule 44.)

4. The Council considered Prof. V. Subrahmanyan's letter regarding the mode of election of the Council of the Institute. (No. 8—27-9-37.)

(Note :—A Committee consisting of Prof. M. N. Saha, Prof. J. N. Mukherjee, Mr. W. D. West, Dr. A. M. Heron and Prof. S. P. Agharkar was appointed to consider the question and suggest suitable alterations to Rule 48, for consideration of the Council.)

### APPENDIX III.

## COMMITTEES, 1938.

### SECTIONAL COMMITTEES.

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

	To serve until Dec. 31.
Prof. C. V. H. Rao .. .. .	1938.
Prof. N. R. Sen (Secretary and Convener) .. .. .	1938.
Prof. K. Ananda Rao .. .. .	1939.
Lt.-Col. E. A. Glennie .. .. .	1939.
Principal G. S. Mahajani .. .. .	1940.
Principal B. M. Sen .. .. .	1940.

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

Dr. Nazir Ahmad .. .. .	1938.
Dr. C. W. B. Normand .. .. .	1938.
Prof. B. Venkatesachar .. .. .	1939.
Prof. D. M. Bose (Secretary and Convener) .. .. .	1939.
Dr. D. S. Kothari .. .. .	1940.
Prof. S. K. Mitra .. .. .	1940.

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

Prof. S. S. Bhatnagar .. .. .	1938.
Sir Bryce Burt .. .. .	1938.
Prof. V. Subrahmanyan .. .. .	1939.
Prof. J. N. Mukherjee (Secretary and Convener) .. .. .	1939.
Prof. B. B. Dey .. .. .	1940.
Prof. J. C. Ghosh .. .. .	1940.

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

Mr. W. C. Ash .. .. .	1938.
Mr. F. N. Mowdawalla (Secretary and Convener) .. .. .	1938.
Mr. W. E. V. Abraham .. .. .	1939.
Mr. E. S. Pinfold .. .. .	1939.
Dr. G. Fowler .. .. .	1940.
Dr. E. Spencer .. .. .	1940.

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

Mr. B. Rama Rao .. .. .	1938.
Dr. A. M. Heron (Secretary and Convener) .. .. .	1938.
Mr. D. N. Wadia .. .. .	1939.
Mr. W. D. West .. .. .	1939.
Dr. M. S. Krishnan .. .. .	1940.
Dr. F. G. Percival .. .. .	1940.

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

Dr. W. Burns	..	..	..	..	1938.
Prof. P. Parija	..	..	..	..	1938.
Mr. H. G. Champion	..	..	..	..	1939.
Prof. K. C. Mehta	..	..	..	..	1939.
Dr. S. L. Ghose	..	..	..	..	1940.
Prof. S. P. Agharkar (Secretary and Convener)	..	..	..	..	1940.

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

Khan Bahadur M. Afzal Husain	..	..	..	..	1938.
Dr. B. Prashad (Secretary and Convener)	..	..	..	..	1938.
Dr. B. S. Guha	..	..	..	..	1939.
Dr. H. S. Pruthi	..	..	..	..	1939.
Prof. G. Matthai	..	..	..	..	1940.
Dr. B. Sundara Raj	..	..	..	..	1940.

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

Col. J. Taylor	..	..	..	..	1938.
Mr. F. Ware	..	..	..	..	1938.
Bt.-Col. R. N. Chopra (Secretary and Convener)	..	..	..	..	1938.
Prof. W. Burrige	..	..	..	..	1939.
Dr. R. B. Lal	..	..	..	..	1939.
Prof. N. N. Sengupta	..	..	..	..	1939.
Dr. A. C. Ukil	..	..	..	..	1940.
Lt.-Col. H. E. Shortt	..	..	..	..	1940.
Lt.-Col. S. S. Sokhey	..	..	..	..	1940.

## APPENDIX IV.

## 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. Meteorological Department, Mysore State.
7. Indian Academy of Sciences.
8. Indian Institute of Science.
9. Society of Biological Chemists, India.

*Bombay.*

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

*Calcutta.*

14. Royal Agri-Horticultural Society of India.
15. Anthropological Society of India.
16. Biochemical Society of India.

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

*Coimbatore.*

38. Indian Botanical Society.

*Conoor.*

39. Pasteur Institute of Southern India.

*Dacca.*

40. Dacca University.

*Dehra Dun.*

41. Board of Management, Indian Forester.
42. Imperial Forest Research Institute.

*Hyderabad (Deccan).*

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

*Indore.*

45. Institute of Plant Industry.

*Kasauli.*

46. Central Research Institute.
47. Indian Journal of Medical Research.
48. Malaria Survey of India.

*Lahore.*

49. Punjab University.

*Lucknow.*

50. Indian Zoological Memoirs.

*Madras.*

51. King Institute of Preventive Medicine.
52. Madras Fisheries Department.
53. Madras Government Museum.

*Muktesar.*

54. Imperial Veterinary Research Institute.

*Naggar (Punjab).*

55. Himalayan Research Institute, Roerich Museum.

*New Delhi.*

56. Imperial Council of Agricultural Research.

*Poona.*

57. India Meteorological Department.  
58. Indian Mathematical Society.

*Ranchi.*

59. Indian Lac Research Institute.

*Simla.*

60. Himalayan Club.

*Foreign.**Canada.*

61. Department of Mines, Ottawa.  
62. Geological Survey of Canada, Ottawa.

*China.*

63. National Agricultural Research Bureau, Nanking.

*Germany.*

64. Chemisches Zentralblatt, Berlin.

*Great Britain.*

65. British Museum, Natural History Section, London.  
66. Imperial Bureau of Plant Genetics (for crops other than Herbage), Cambridge.  
67. Imperial Bureau of Plant Genetics (Herbage plants), Aberystwyth.  
68. Nature, London.  
69. Patent Office, London.  
70. Royal Botanic Gardens, Edinburgh.  
71. Royal Society of Edinburgh.  
72. Science Museum, London.

*Java.*

73. Departement van Economische Zaken, Batavia.

*Uganda.*

74. Geological Survey of Uganda.

*U.S.A.*

75. American Chemical Society, Columbus, Ohio.  
76. American Museum of Natural History, New York.  
77. Marine Biological Laboratory, Woods Hole, Mass.  
78. Scripta Mathematica, New York.  
79. Treasury Department, U.S. Public Health Service, Washington.  
80. U.S. Department of Agriculture, Washington.
-

## APPENDIX V.

## LIST OF PERIODICALS RECEIVED IN EXCHANGE OR AS PRESENTATION.

*Indian.*

- Agriculture and Livestock in India.  
 Annual Report of the Indian Central Cotton Committee.  
 Annual Review of Biochemical and Allied Research in India.  
 Bulletin of the Indian Central Cotton Committee.  
 Bulletin of the Calcutta Mathematical Society.  
 Bulletin of the Geological, Mining and Metallurgical Society of India.  
 Bulletin of the Hyderabad Geological Survey.  
 Bulletin of the Institute of Plant Industry, Indore.  
 Bulletin of the Madras Government Museum.  
 Bulletin of the Mysore Coffee Experiment Station.  
 Bulletin of the Mysore Geological Department.  
 Calcutta Medical Journal.  
 Circulars of the Mysore Department of Agriculture.  
 Detailed Report of Experimental and Research Work, Institute of Plant Industry, Indore.  
 Extracts from the Proceedings of the British Empire Forestry Conference, South Africa.  
 General Report of the Survey of India.  
 Indian Forest Records.  
 Indian Forester.  
 Indian Journal of Agricultural Science.  
 Indian Journal of Veterinary Science and Animal Husbandry.  
 Indian Medical Gazette.  
 Indian Physico-Mathematical Journal.  
 Indian Zoological Memoirs.  
 Journal of the Anthropological Society of Bombay.  
 Journal of the Geological Institute, Presidency College, Calcutta.  
 Journal of the Hyderabad Geological Survey.  
 Journal of the Indian Chemical Society.  
 Journal of the Indian Institute of Science, Bangalore.  
 Journal of the Indian Mathematical Society.  
 Journal of the Indian Medical Association.  
 Journal of the Osmania University College, Hyderabad.  
 Journal of the University of Bombay.  
 Magnetic, Meteorological and Seismological Observations made at Bombay and Alibag.  
 Memoirs of the Geological Survey of India.  
 Memoirs of the Indian Meteorological Department.  
 Mysore Agricultural Calendar.  
 Nagpur University Journal.  
 Palaeontologia Indica.  
 Proceedings of the Indian Academy of Sciences, Bangalore.  
 Proceedings of the National Academy of Sciences, India.  
 Proceedings of the Society of Biological Chemists.  
 Progress Report of the Institute of Plant Industry, Indore.  
 Quarterly Journal of the Geological, Mining and Metallurgical Society of India.  
 Records of the Geological Society of India.  
 Records of the Malaria Survey of India.  
 Records of the Mysore Geological Department.  
 Report of the Botanical Survey of India.  
 Report of the Haffkine Institute, Bombay.  
 Report of the Institute of Plant Industry, Indore.  
 Report of the Madras Fisheries Department.  
 Science and Culture.  
 Scientific Monographs of the Imperial Council of Agricultural Research.  
 Scientific Notes of the Indian 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 and Geological Institute of India.

*Foreign.*

Annual Report of the Geological Survey Department of Uganda.  
Biological Bulletin of the Marine Biological Laboratory, Woods Hole, Mass., U.S.A.  
Berichte der Deutschen Chemischen Gesellschaft, Berlin.  
Bulletin of the Canada Department of Mines.  
Collected Reprints of the Woods Hole Oceanographic Institute.  
Experiment Station Record, U.S. Department of Agriculture, Washington.  
Himalayan Journal.  
Journal of the American Chemical Society.  
Memoirs of the Canada Department of Mines.  
Notes from the Royal Botanic Gardens, Edinburgh.  
Proceedings of the Royal Society of Edinburgh.  
Papers in Physical Oceanography and Meteorology, Woods Hole Oceanographic Institute.  
Patent Office Library—Subject Lists, London.  
Report of the National Agricultural Research Bureau, Nanking.  
Report of the Canada Department of Mines.  
Scripta Mathematica, New York.  
Symposium of the All-Union Scientific Research Institute of Economic Mineralogy,  
Moscow.  
Transactions of the Edinburgh Meeting of the International Union of Geodesy and  
Geophysics.  
Transactions and Proceedings of the Botanical Society of Edinburgh.  
Transactions of the All-Union Scientific Research Institute of Economic Mineralogy,  
Moscow.

## APPENDIX VI.

## THE NATIONAL INSTITUTE OF SCIENCES OF INDIA.

*Receipts and Payments Account for the year ended 30th November, 1937.*

RECEIPTS.		Rs.	A.	P.	PAYMENTS.		Rs.	A.	P.
To Balance brought forward	..	39,691	14	9	By Salaries of Staff	..	2,589	8	0
" Members' Admission Fees	..	224	0	0	" Printing Circulars, Notices, etc.	..	101	4	0
" " Subscriptions	..	5,155	0	0	" " Publications, Report, etc.	..	6,400	10	8
" Donations	..	1,300	0	0	" " Indian Science Abstracts	..	1,714	12	0
" Contributions towards publication of 'Indian Science Abstracts'	..	600	0	0	" Contributions to other Science Academies under Rule 19	..	972	0	0
" Sale of Author's extra copies and publications	..	780	8	0	" Postage	..	570	4	0
" Sale of 'Indian Science Abstracts'	..	168	2	6	" Stationery	..	150	14	6
" Interest on Investments	..	1,288	7	0	" Office Equipment	..	387	0	0
" Miscellaneous Receipts	..	2	0	0	" Donation to Indian Science Congress Jubilee Fund	..	250	0	0
					" Audit Fees	..	50	0	0
					" Miscellaneous Expenses	..	175	3	3
					" Bank Charges	..	21	3	0
					" Cash and other balances—				
					Investments—				
					3½% G.P. Notes	1842/43	5,000		
					3½% "	1854/55	2,000		
					3½% "	1865	6,000		
					3½% "	1873	2,000		
					3½% "	1900/01	8,000		
					4% Loan	1960/70	10,000		
							33,000		
TOTAL	..	49,210	0	3	At cost	..	33,018	11	10
					With Imperial Bank of India—				
					On Savings Bank Account	..	2,089	9	0
					On current Account	..	700	15	5
					In hand	..	2,790	8	5
							8	0	0
							35,817	4	3
					TOTAL	..	49,210	0	3

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

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

CALCUTTA,  
3rd December, 1937.

Auditors.

## APPENDIX VII.

## BUDGET ESTIMATE FOR 1937-38.

	1936-37 Estimates.	1936-37 Actuals.	Budget Estimate for 1937-38.
	Rs.	Rs.	Rs.
<i>Ordinary Receipts.</i>			
Subscription .. .. .	5,000	5,155	5,200
Interest .. .. .	1,150	1,288	1,200
Contribution for publication of Indian Science Abstracts (including Annual subscription) .. .. .	1,200	600	500
Sale of Publications .. .. .	250	949	500
Grants-in-aid .. .. .	.....	1,300*	.....
Grant-in-aid from the Government of India for 1937-38 and 1938-39 .. .. .	.....	.....	12,000
Miscellaneous .. .. .	.....	2	.....
Contribution from General Fund .. .. .	5,850	4,099	.....
	13,450	13,393	19,400
<i>Extraordinary Receipts.</i>			
Admission Fee .. .. .	320	224	320
<i>Ordinary Payments.</i>			
Salaries and allowances .. .. .	2,700	2,590	2,700
Publications .. .. .	8,000	8,217	9,000
Contributions to Science Academies under Rule 19 .. .. .	1,000	972	1,000
Furniture .. .. .	500	397	500
Postage .. .. .	700	570	600
Stationery .. .. .	200	151	150
Auditor's fee .. .. .	50	50	50
Miscellaneous .. .. .	300	446†	600
Refunded to the General Fund .. .. .	.....	.....	4,800
	13,450	13,393	19,400
<i>Extraordinary Payments.</i>			
Funding of Admission Fee and Donation .. .. .	320	224	320

\* Includes Rs.300 for 1937-38.

† This amount includes a contribution of Rs.250 to the Silver Jubilee Session of the Indian Science Congress.