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After attending the International Conference at Darmstadt, West Germany. Prof. Gopinath left for U.K. His tour in U.K. was sponsored by the British Council, U.K. His tour consisted of making observational studies of several research centres on knowledge-bases. Prof. Gopinath stayed in U.K. for the period from 21 August to 31 August 1990. After completing his study tour in U.K., Prof. Gopinath returned to India on 2 September 1990.

Prof. I. K. Ravichandra Rao (DRTC) visited The Central Information Studies of Africa (SISA), Addis Abba University, Addis Abba, Ethiopia, as a visiting Professor for Teaching "Quantitative Methods for Information Studies and Information Technology" during the period from 24th September 1990 to 13th December 1990.

Dr. F. J. Devadasan (DRTC) accepted the position of Senior Information Scientist in The Asian Institute of Technology, Bangkok, Thailand, for one year. Dr. Devadasan left India on 10th September 1990.

Shri P. K. Perumallu (SQC & OR) attended international training programme on Quality Control in Industry during 27 March-31 May 1990 at Stockholm, Sweden, organised by Swedish International, and Economic Cooperation., during the programme, industrial visits were arranged to the manufacturing plants of Volvo, Hasselblad, Electrolux, Scandmea, Alfa Laval, SKF CK.

Shri A. Rajagopal (SQC & OR) visited Germany, Berlin, Switzerland, under the contract of M/s. Jhambi Modern Spinning Mills Ltd., Salem for market research survey of machinery evaluation/selection for export yarn during October-November, 1990.

Dr. T. S. Arthanari (SQC & OR) participated in the competat '90, ninth symposium on Computer Statistics at Lubrovnik, Yugoslavia during 9-15 September 1990. Dr. Arthanari gave an invited talk on recent trends in optimisation in statistics.

11. SCIENTIFIC ASSIGNMENTS IN INDIA

Dr. S. Bhandari (Stat-Math) gave an invited lecture on 'Least favourable configuration and ranking procedure', Statistics Section of the 78th Indian Science Congress, Indore from 3-7 January 1991.

Dr. Probal Chaudhuri (Stat-Math) gave an invited lecture 'on some series of efficiency balanced block and row-column designs' at the 78th Indian Science Congress held at Indore from 3-7 January 1991.

Professor Somesh Dasgupta (Stat-Math) attended the 78th Indian Science Congress held at Indore from 3-7 January, 1991 as an invited speaker and presented a paper entitled 'Neural network and pattern recognition'.

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Professor J. K. Ghosh (Stat-Math) was elected the President of the 78th Indian Science Congress held at Indore from 3-7 January 1991. He attended the Congress and presented a paper.

Dr. Rita SahaRay (Stat-Math) attended the 78th Indian Science Congress held at Indore from 3-7 January, 1991 and presented a paper 'Optimal row-column designs with unequal row and column size'.

Dr. Debapriya Sengupta (Stat-Math) attended the C. G. Khatri Memorial Conference held at Delhi in December 1990 and presented a paper entitled 'Asymptotics of empirical processes in sample surveys'.

Professor B. K. Sinha (Stat-Math) attended the 78th Indian Science Congress held at Indore from 3-7 January 1991 and acted as the 'Recorder' in the Statistics Section.

Dr. Rajendra Bhatia (Stat-Math) participated in the discussion meeting on "von Neumann algebras and their applications" organised by the Indian Academy of Sciences, Bangalore, April 19-20, 1990. Gave a talk on "Non-Commutative version of some classical inequalities. As UGC National Lecturer, he visited Cochin University of Science and Technology and Aditanar College of Arts and Science, Thiruchandur, Tamil Nadu and delivered five lectures in November 1990. He also gave a talk on "From Calculus to Analysis" at Jesus and Mary College, New Delhi, January 1991.

Dr. Aloké Dry (Stat-Math) acted as a Discussant in the Three-day Seminar on Linear Models and Design of Experiments, ISI Calcutta, December 1990.

Dr. Subhas C. Kochar (Stat-Math) invited by the Department of Statistics, Poona University as a U.G.C. Visiting Fellow for a period of two weeks during November-December 1990. Gave two seminars.

Professor S. K. Mitra (Stat-Math) gave an invited talk on "A failure revisited" at the Three Day Seminar on Linear Models and Design of Experiments held at Calcutta, December 27-29, 1990.

Professor K. R. Parthasarathy (Stat-Math) gave a talk on "Matrix Phase in irreversible dynamics" at the Discussion meeting on "Von Neumann Algebras and Quantum Mechanics", Indian Academy of Sciences, Bangalore, April 18-21, 1990.

Professor B. L. S. Prakasa Rao (Stat-Math) visited the Calcutta University in March 1991, University of Poona in March 1991 and Punjab University in November 1990. Presented lectures under different programmes sponsored by the University Grants Commission and the Universities concerned.

Dr. Rahul Roy (Stat-Math) visited Physics School of TIFR Bombay for three weeks during May 1990. He also gave a seminar and a six week course on Electrical Network and Percolations at Jawaharlal Nehru University in February-March 1991.

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Professor K. B. Sinha (Stat-Math) attended a discussion meeting on Von Neumann Algebras and their Applications in Quantum Mechanics organised by the Indian Academy of Sciences, Bangalore, April 19-20, 1990.

Professor V. S. Sunder (Stat-Math) gave several lectures at the ICOPALG held at ISI, Bangalore Centre during 11 June 1990 to 30 June 1990.

Professor Alladi Sitaram (Stat-Math) gave the P. Keshava Menon Memorial Lectures at the University of Calicut, Kerala during 5-7 November 1990, on invitation.

Dr. G. Mirra (Stat-Math) gave several lectures at the ICOPAIG held at ISI, Bangalore Centre during 11-30 June 1990.

Dr. V. Pati (Stat-Math) gave five lectures at the Instructional Conference on Riemannian Geometry held at the Tata Institute of Fundamental Research, Bombay during 22 October 1990 to 10 November 1990, on invitation. Dr. Pati attended the Indo-Soviet Geometry Conference at the TIFR, Bombay during 14-19 January 1991. He also gave several lectures at the ICOPALG held at ISI, Bangalore Centre during 11-30 June 1990.

Dr. K. Rama Murthy (Stat-Math) gave an invited lecture on "Geometry of Banach Spaces" at the National Conference on Mathematics and its Applications" held during the Silver Jubilee celebrations of the Bangalore University in December 1990.

Dr. S. Ramasubramanian (Stat-Math) gave an invited lecture on "Transition probability density functions of diffusion with oblique reflection" at the Silver Jubilee Seminar on Statistical Inference and Related Topics, Bangalore University in March, 1991.

Dr. S. N. Joshi (Stat-Math) gave an invited lecture on "The asymptotic distribution of an estimator of the change point in a failure rate" at the Silver Jubilee Seminar on Statistical Inference and Related Topics, Bangalore University in March, 1991.

Dr. V. R. Padmawar (Stat-Math) gave an invited lecture on "Non-negative unbiased variance estimators" at the Silver Jubilee Seminar on Statistical Inference and Related Topics, Bangalore University in March, 1991.

Dr. P. K. Das (Teaching and Training Division) attended Conference on Quantum Probability and Applications held in Delhi in December 1990.

Dr. Sanjib Kumar Gupta (Applied Statistics, Surveys and Computing) attended the 22nd Annual Conference of Physiological Society of India, at Mysore during November 1990.

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Dr. Pabitra Pal Chowdhury (Applied Statistics, Surveys and Computing) attended the Professor A. K. Choudhury Commemoration Symposium on Circuits Systems and Computers, at Calcutta during 21-23 February 1991.

Dr. Shibdas Bandyopadhyay (Applied Statistics, Surveys and Computing) attended the Methodological Workshop on experimental design, analysis and interpretation of on-farm research data, Narendrapur, RKM Lokasiksha Parisad during 8-16 October 1990.

Dr. Biswa Nath Mukherjee (Applied Statistics, Surveys and Computing) attended a four-day workshop on Applied Statistics in Water Supply and Public Sanitation Programme, held at Programme Support Unit, Indo-Dutch Water Supply Project Lucknow during 3-6 November 1990. Dr. Mukherjee also conducted the workshop.

Dr. K. S. Vijayan (Applied Statistics, Surveys and Computing) attended the (i) National Symposium on Design of Experiments, at Trivandrum during 18-20 July 1990 was an invited speaker; (ii) Discussion Meeting on Combinatorics, Coding Theory, at Indian Academy of Sciences, Bangalore during 11-12 October 1990. Dr. Vijayan was also one of the coordinators of the discussion meeting.

Dr. A. Bagchi (Computer and Statistical Service Centre) attended the "Patient monitoring system", at the Seminar on Computers in Rehabilitation at the National Institute for the Orthopaedically Handicapped, Calcutta during June 1990.

Mr. K. Mukhopadhyay (Electronics) attended the International Conference on Parallel Computing PARCOM '90 held at Pune, India in December 1990 and presented a paper.

Dr. J. Dattagupta (Electronics) attended the Silver Jubilee Convention of Computer Society India 1990, held at Calcutta during 31 October to 3 November, 1990 and presented a paper.

Dr. S. Sur Kolay (Electronics) attended the Silver Jubilee Convention of Computer Society India 1990, held at Calcutta during 31 October to 3 November 1990 and presented a paper.

Dr. B. N. Mandal (Electronics) attended the (i) International Conference on the Theory of Differential Equation and Applications to Oceanography held at University of Goa during 17-21 December 1990. The Conference sponsored by the University of Goa, and presented a paper entitled 'Solution of an integral equation arising in the linear theory of water waves' (with Banerjee Sudeehna); (ii) Conference on Trends in Mathematical Sciences, organised by Calcutta Mathematical Society during 26-27 January 1991 and presented a paper entitled 'The expansion in the method of solution to the problem of water wave diffraction' (with Banerjee, Sudeehna); (iii) Conference on 18th CASAMCU National Research

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Symposium, held at University of Calcutta, Department of Applied Mathematics during 27-28 March 1991 and presented three papers (with Banerjee Sudeshna); (iv) Conference on Mathematical Education and Research held at Bombay during 22-24 June 1990, BARC, on invitation he took part in the discussions on a number of sessions concerning Mathematics Education and Research in the country and the role of mathematical societies; (v) Conference on International Workshop on Application of Statistical Methods in Theoretical Physics and Fluid Mechanics held at ISI during 8-15 January 1991 and delivered an hour lecture on 'Some analytical methods in water wave problems'.

Dr. Mandal visited the Indian Institute of Science, Bangalore during 1 May 1990 to 30 June 1990. The visit was financially supported by National Board of Higher Mathematics and worked on advanced study and research in the area of water waves and related mathematical methods. A few research papers actually computed during the stay at Bangalore, and a few research problems were initiated during the stay which were completed later.

Dr. Mandal also visited Vidyasagar University, Midnapore for 4 days in September 1990 and delivered a course of lectures on 'Certain aspects of Markov Chain in probability theory' to the M.Sc. students of Applied Mathematics of Vidyasagar University.

Dr. B. S. Dandapat (Electronics) attended (i) The 35th Congress of the Indian Society of Theoretical and Applied Mechanics (ISTAM) held at Anna University, Madras, during 19-22 December 1990 and read a paper entitled 'Development of thin film on a rotating disk'; (ii) The 18th Conference on Centre of Advance Studies in Applied Mathematics—Calcutta University (CASAM-CU), National Research Symposium and read a paper entitled 'Onset of thermosoluted convection in a liquid layer having deformable free surface-1. Stationary convection.

Mr. B. P. Kumar (Electronics) attended the 18th Conference of Centre of Advance Studies in Applied Mathematics—Calcutta University (CASAM-CU), National Research Symposium and read a paper entitled 'Onset of thermosoluted convection in a liquid layer having deformable free surface-1. Stationary convection.

Prof. P. Bandyopadhyay (Electronics) attended various selection committee meetings of C.S.I.R., U.G.C. and several Universities and Institutions.

Prof. Bandyopadhyay also delivered a series of lectures in Academic Staff College at Gauhati University during the period June 1990 and December 1990.

Prof. D. Dutta Majumder (Electronics and Communication Sciences) performed/participated/attended the following activities (i) Plan visit for a collaborative project between NCKBCST Nodal Centre and SAIL, F and D at Ranohi during 17-19 April 1990; (ii) (a) Meetings with KBCS/DOE/UNDP, (b) Discussion with DST, (c) Seminar on S & T Policy, at New Delhi during 2-8 May 1990; (iii) APCU com. meeting of

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KBCS project meeting with UNDP at New Delhi during 21-22 May 1990; (iv) PARCOM 90 at Bombay, KBCS 90 at New Delhi and GMW-AS 90 at Pune during 9-25 December 1990; (v) KBCS Meeting at DOR, Discussion with UNDP, Talk on S and T and Planning at New Delhi during 21-28 January 1991; (vi) To chair the Selection Committee meeting and to attend the Research Council meeting of CFRI, Dhanbad during 4-8 February 1991; and (vii) (a) delivered lecture at NIC Executive Seminar, (b) Discussion on FGCS/KBCS Project, at New Delhi during 7-10 March 1991.

Mr. A. K. De (Electronics and Communication Sciences) on invitation by DST attended the First Monitoring Workshop of DST funded Projects in Atmospheric Science (GMW-AS) during 17-19 December 1990 at Indian Institute of Tropical Meteorology, Pune.

Mr. A. Ghosh (Electronics and Communication Sciences) attended the 78th Session of Indian Science Congress Association, at Indore during 3-8 January 1991 and presented a paper for 'Young Scientist's Award'.

Mr. D. P. Mandal (Electronics and Communication Sciences) attended the 78th Session of Indian Science Congress Association at Indore during 3-8 January 1991.

Prof. T. Roy Chowdhury (Geology) on invitation from the Jadavpur University, gave a series of lectures on 'Vertebrate Palaeontology' to the B.Sc. and the M.Sc. students of the Geology Department, Jadavpur University, Calcutta.

Dr. D. K. Rudra (Geology) participated in a short field work and discussion at Salem in connection with the Granite Project for M/s. Salem Dolerite Limited, Salem, Tamil Nadu during the period from 1 May 1990 to 8 May, 1990.

Dr. D. Saha (Geology) participated in a short field work and discussion at Salem in connection with the Granite Project for M/s. Salem Dolerite Limited, Salem, Tamil Nadu, in the period from 1 May, 1990 to 8 May, 1990.

Dr. Saha also on invitation from the Calcutta University, gave a series of lectures on 'Precambrian Stratigraphy' to the M.Sc. students of the Geology Department, Calcutta University, Calcutta.

Prof. A. Basu (Anthropometry and Human Genetics), attended 'Continuity and Change in Tribal Societies' at New Delhi, organized by Indian Institute of Advanced Study, Shimla during 14-19 January 1991 and presented an invited paper.

Prof. K. C. Malhotra (Anthropometry and Human Genetics), attended the following: (i) NWDB sponsored workshop on waste land development, during 25-27 April 1990, at Indian Institute of Science, Bangalore; (ii) delivered an invited lecture at Pune on 5 May 1990, organized by Vaurai; (iii) presided over the meeting of contributors to the book "Ecology and people of Western Ghats", held at Pune, during 6-7 May 1990; (iv) Workshop on sustainable forestry, at New Delhi during 10-13

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September 1990, and presented a paper; (v) Eco 1990, organized by UNCED and Development Alternatives, New Delhi, on 19 September 1990; (vi) function on release of the books pertaining to 'People of India Project', sponsored by Anthropological Survey of India, New Delhi, on 1st October 1990; (vii) Workshop on Water a Sacred Resource, Max Mueller Bhavan, Bombay, during 10-16 January 1991 and presented a paper; (ix) XVI Annual Conference of the Indian Society of Human Genetics, at Tirupati University, Madras during 18-20 January 1991 and presided over the inaugural function, and delivered L. D. Sanghvi Oration award (x) Workshop on Buffer Zone Management at Dehradun, organized by UNESCO and Wildlife Institute of India, during 18-23 February 1991 and was a faculty member and delivered two talks; (xi) UGC National Seminar on Trends in Anthropogenetic Studies, at Tirupati University, Madras during 12-14 March 1991 and delivered valedictory address and chaired a session; (xii) National summit on Environmentally Sustainable Technologies, IIT New Delhi, during 22-23 March 1991, it was sponsored by UNDP, DA and IIT; (xiii) was a moderator of the Workshop on Development Sensitization, organized by SRI, Ranchi during 27-28 June 1990.

Prof. Malhotra also attended several meetings of DST at New Delhi, during the year 1990-91.

Dr. B. M. Reddy (Anthropometry and Human Genetics), attended and participated; (i) as a visiting scientist on the Centre for Ecological Sciences, Indian Institute of Science, Bangalore during 8-31 January, 1991; (ii) Seminar on Cultural and Genetic Diversity of Indian Populations, at the Centre for Ecological Sciences, IESC, organized by Prof. Madhav Gadgil, at Bangalore during 8-31 January 1991.

Dr. P. P. Majumder (Anthropometry and Human Genetics), attended the following: (i) First Regional Conference of Biometric Society, at the Biometric Society, Bangalore during 10-11 May 1990 and delivered an invited talk on "Statistical analysis of family data of multilocus recessive disorders"; (ii) Workshop on Biometrical Genetics, at Central Sericultural Research and Training Institute, Mysore during 7-8 September 1990 and delivered an invited talk on "Statistical Methods for Mapping Genes Controlling Quantitative Traits"; (iii) Discussion meeting on Genetic and Cultural Diversity in Indian Population, at Indian Institute of Science, Bangalore during 28-30 January 1991 and delivered an invited talk entitled "Genetics of India's human population: An overview".

Dr. B. B. Ghosh (Biochemistry), attended (i) International Symposium on Chromosome Research: From Microscope to Molecule, at Indian Institute of Chemical Biology, Calcutta during 12-14 December 1990; (ii) 7th All India Congress of Cytology and Genetics, at University of Kalyani, Kalyani during 22-26 December 1990.

Dr. C. Duttagupta (Biochemistry), As a Panel member at the International College of Surgeons, participated XXXVI Annual Conference, at Lucknow, during October 1990.

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Dr. P. K. Tapaswi (Embryology), delivered an invited lecture on 'Spontaneous Emergence of Order in Nonequilibrium Biology' at Jawaharlal Nehru University, Delhi.

Prof. M. N. Pal (Economic Research) acted as Chairman on the final sessions of the Workshop on "Energy Development Model for rural West Bengal" organised by the Rural Development Centre, IIT, Kharagpur in collaboration with the Indira Gandhi Institute of Development Research, Bombay held at IIT, Kharagpur during 21-22 February 1991.

Dr. P. Maiti (Economic Research) (i) delivered lectures on "Studies on Poverty in India" in the Annual Workshop, organised by the Madras Institute of Development Studies, Madras during 18-21 April 1990; (ii) participated in discussion on the document on Approach to the Eighth Five Year Plan of the Govt. of India held at Calcutta in June 1990; (iii) gave a seminar on "Currency Requirements by Denomination: A Forecasting Model for India" at the Department of Economics, Presidency College, Calcutta on 13 March 1991.

Shri Biswanath Roy (Economic Research) participated in the 11th Annual Conference of Bangiya Arthaniti Parishad at Department of Economics, Kalyani University, Kalyani during 9-10 February 1991; (ii) National Seminar on "Contemporary issues in Economic Development" sponsored by the Department of Economics, Jadavpur University, Calcutta during 22-24 February 1991 and presented papers in both the conferences.

Dr. M. R. Saluja (Planning, Delhi) delivered (i) a series of lectures on Input-Output Analysis in the Summer Course on Quantitative Economics, conducted by the Indian Statistical Institute, Bangalore during 30 April to 2 May, 1990; (ii) a series of lectures on Data Base of the Indian Economy to the Ph.D. students and faculty of the Indira Gandhi Institute of Development Research, Bombay during 19-25 November 1990.

Dr. Saluja also participated in the Fourth International Conference on the Future of Asia-Pacific Economics organised by the ICRIER and the Asian and Pacific Development Centre, New Delhi during 11-13 March 1991.

Dr. D. Mookherjee (Planning) (i) presented seminars at Delhi School of Economics and National Institute of Public Finance and Policy, New Delhi; (ii) Taught 4 lecture course to Delhi University Economics Researchers in April 1990 at the Delhi School of Economics on "Market Structure, R & D and Transfer of Technology"; (iii) Conducted one semester course on "Theory of the firm" for Ph.D. students and faculty members of the Planning Unit between September and December 1990.

Dr. Bharat Ramaswami (Planning) participated in the Economic Theory and Related Mathematical Methods Conference at ISI, during 30 January to 2 February 1991.

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Dr. Atul Sarma (Planning) participated (i) International Seminar on "European Union in 1992 : It's Significance for India and South Asia", held in New Delhi during 14-17 September 1990 and presented a paper; (ii) Seminar on State of the Economy : Current Challenges organized by the Indian Institute of Public Administration, New Delhi on January 30, 1991; (iii) Seminar on the State of the Economy organized by the left parties in New Delhi during 23-24 February 1991; (iv) Fourth International Conference on the Future of Asia-Pacific Economics, organised by the ICRIER and the Asian and Pacific Development Centre in New Delhi during 11-13 March 1991; (v) Seminar on Constraints and Policy Options for the Decade of the 90s held at the Institute of Rural Management during 28-30 March 1991.

Dr. P. N. Mukherji (Planning) attended (i) Seminar on Land Reforms at the Lal Bahadur Shastri National Academy of Administration, during 6-9 April 1990; (ii) Seminar on Work Opportunities for All : Issues in Policy, Strategy and Programmes, organized by IASSI, and IAMR, New Delhi during 28-30 April 1990; (iii) National Seminar on Indian Nationalism, Problems and Challenges, India International Centre, New Delhi, during 1-2 September 1990; (iv) Chaired session in National Seminar on Reconstructing Theories of Modernization and Development, at Jawaharlal Nehru University, New Delhi, during 22-23 March 1991; and made a presentation on Social Constraints on Rural Labour at the National Seminar on Reconstructing Theories of Modernization and Development in the same seminar.

Dr. N. S. Iyengar (Economic Analysis) attended (i) A seminar on Emerging Economic Environment, Forecasting and Planning, at Bangalore on 17 August 1990 and delivered a paper entitled "Concepts of Forecasting and its Uses in Planning"; (ii) National Seminar on Development and Social Justice, USEFI, at University of Poona, Poona on 16 September 1990 and presented a paper entitled "Poverty and Inequality : An explanation".

Dr. Alokannanda Mitter and Shri Amitav Choudhry (Linguistic) were invited by the National Institute for the Hearing Handicapped, Calcutta, to deliver lectures to the first batch of students of the B.Ed. course for teachers of Hearing Handicapped children during the academic year 1990-91.

Dr. Alokannanda Mitter, Ms. Madhabi Indu and Shri Debprasad Bandyopadhyay (Linguistic) visited Delhi between 10-16 March 1991, in connection with the projects on Educational problems of Hearing Impaired children and Hindi suprasegmentals. During the course of their stay they held discussions with experts on the Hindi language at Delhi University and J.N.U and also visited Lady Noyce School for the Deaf, Balwant Rao Mehta School for the Deaf and A.I.I.M.S.

Dr. S. Guha Roy (Population Studies) (i) chaired the session on Mathematical Models in Demographic Research in the XIV Conference of the Indian Association for the Study of Population held in Udaipur during 27-29 December 1990 and presented a invited paper entitled "Population-environments nexus"; (ii) invited by the

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Association of Gerontology (India) to give a lecture on the demographic aspects of ageing in Bangalore University on 30 October 1990 and presented an invited paper entitled "Population ageing in India"; (iii) Chaired a session of the National Seminar on Population Programme Towards 2001 Organised by Annamalai University, during 23-25 August 1990 and presented an invited paper entitled 'Determinants of infant mortality'.

Shri K. P. Bhattacharyya, Sri S. N. Banerjee and Shri S. K. Mitra (Psychometry) attended a number of seminars and workshops were organized by SCERT for the preparation of questionnaires for conducting the survey on the "Attainment level of primary students at the end of Class-IV" during 5, 6, 12, 13 and 14 June 1990; 2, 3, 12 July 1990 and 1, 5, 8 August 1990.

Sm. Anjali Ghosh (Psychometry) attended the National Seminar on Intervention Strategies for Human Resource Development, at the Department of Psychology, University of Bombay, Bombay during 14-16 December 1990 and presented a paper entitled "A forced choice scale for measuring managerial skill".

Shri D. Dutta Roy. (Psychometry) (i) gave a lecture on the topic "Some human factors to improve product quality" at I.S.I., Madras, on 14 December 1990; (ii) presented a paper entitled "Relationship of Age, Education and tenure to Organizational Awareness" at the 78th session of Indian Science Congress, Indore on 7 January 1991; (iii) gave a seminar at the SQC & OR Unit of I.S.I., Calcutta on the topic "A comparative study of organizational health between organizations in private and public sector in India" on 25 January 1991; (iv) gave a seminar on "Demographic correlates of Organizational Awareness" at the Computer Science Unit of ISI, on 5 February 1991; (v) presented a paper entitled "A model of change in Organizational health to improve quality of life" at the First National Conference of Indian Academy of Health Psychology, Cuttack, on 25 February 1991.

Dr. P. Chakrabarti (Sociology) attended UGC workshop on the "Aged and Aging in India", at Ranchi University, Ranchi during 18-20 August 1990 and acted as a 'Chair-person' in the Third Session on 19 August 1990 and 'Resource person' on 20 August 1990.

Dr. Atis Dasgupta (Sociology) attended "Indian History Congress" at Calcutta, during 22-26 December, 1990.

Dr. S. Bandyopadhyay (Sociology) attended (i) "5th National Conference on women's Studies on Religion, Culture and Politics" at Jadavpur University, Calcutta during 9-12 February 1991, organised by Indian Association for Women's Studies, Calcutta, Dr. Bandyopadhyay acted as 'Panel Speaker' in the Conference; (ii) Seminar on West Asia, organised by Notaji Institute of Asian Studies, Calcutta during 28-24 January 1991; (iii) National Seminar on watershed Management and Ecological Development' at Jadavpur University, Calcutta during 11-12 April 1990.

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Shri T. K. Chakraborty (SQC & OR) participated and gave talks on (i) Seminar under joint auspices of National Institution of Quality and Reliability, Bangalore Branch and Operations Research Society of India, Bangalore chapter on 'Goal programming: An Application to Acceptance Sampling at Institution of Engineers, Vidhana Veedhi, Bangalore on 11 June 1990; and (ii) Seminar on 'A critique on Karmakar's algorithm' at University of Calcutta on 21 December 1990, the topic of the talk was 'A non-linear approach to linear programming problem'.

Shri S. K. Chaudhuri (SQC & OR) delivered two talks on Design of Experiments in clinical trials at the Radiotherapy Department of R. G. Kar Medical College and Hospital during May 1990 at the request of the Department.

Shri A. K. Chakraborty (SQC & OR) delivered lectures on (i) Application of Statistics through case-approach' for post graduate students of Business Administration at Berhampur University, Berhampur, Orissa; (ii) Use of multivariate statistical tools' for the faculties of the Department of Business Administration and Associated Department at Berhampur University, Berhampur, Orissa.

Shri Chakraborty also delivered a seminar on 'Modelling software reliability—A few basic approaches' for the faculty and research scholars at the Department of Mathematics, Indian Institute of Science, Bangalore.

Shri Arvind Seth (SQC & OR) (i) delivered lecture on SPC to senior Managers of Samtel Ltd., New Delhi, and (ii) delivered invited talk on 'QA Technique and Taguchi's Methods' to BEL Engineers.

Shri P. R. Lakshminathan (SQC & OR) gave lectures on (i) invited lectures on 'Statistical Techniques Applied to Social Science' in National Institute of Science and Technology and Development Studies (CSIR) during June-July 1990. (ii) Acted as Visiting faculty to School of Planning and Architecture, talking about 30 lectures on 'Operations Research'.

Dr. S. K. Majumdar (SQC & OR) gave lectures on (i) 'Mathematical Modelling in Iron and Steel Making' at R and D Centre of Iron and Steel, SAIL, Calcutta. (ii) 'SPC Methodology in Steel Plants' at TISCO, R and D Laboratory, Calcutta. (iii) "Application of Design of Expt. in Metallurgical Industries" at TISCO (organised by IIT, Kharagpur).

Dr. V. Rajendra Prasad (SQC & OR) (i) gave a talk on 'Time Cost Trade Off Transportation' at the Indian Institute of Management Bangalore on 3 July 1990. (ii) Attended a Meeting and delivered lectures on 'Expert Systems and Artificial Intelligence' at SQC Unit, Madras, the meeting was organised by ORSI and Dr. Prasad was the President of the meeting.

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Shri M. V. Lakshmana Swamy (SQC & OR) gave a talk on 'Packaging Quality Control criteria and sampling by variables and attributes' at the Indian Institute of Packaging, Bombay.

Shri M. N. Sapre (SQC & OR) gave an inaugural address at the seminar on TQM by Electronic Regional Testing Laboratory (west Zone) on 11 December 1990.

Shri V. Gopalan (SQC & OR) delivered talks on (i) 'Quality Assurance—A system approach' at Bureau of Indian Standards, Coimbatore on 20 June 1990. (ii) 'The Role of Statistics in Research' at the University of Coimbatore (Southern Region) Coimbatore on 22 November 1990.

Shri K. M. Date (SQC & OR) gave a lecture on 'Statistical Methods for Industrial Engineers' at the Vishwakarma Institute of Technology, Pune.

Shri Anurag Sekharia (SQC & OR) gave a lecture on 'Statistical Methods for Industrial Engineers' at the Vishwakarma Institute of Technology, Pune.

Shri S. S. Handa (SQC & OR) delivered two lectures on 'Vendor Development' organised by Delhi Productivity Council.

Shri S. C. Chakravarty (SQC & OR) gave invited lectures on 'Quality Management' at (i) Faridabad Productivity Council ; (ii) Bharat Electronics Ltd., Ghaziabad (iii) Council of Scientific and Industrial Research, Delhi ; and (iv) Oil and Natural Gas Commission, Dehradun.

Shri A. N. Nankana (SQC & OR) (i) gave lectures on 'Management of Quality' by Faridabad Productivity Council, during 5-6 April 1990. (ii) At a workshop on Application of Standard related to Quality organised by Bureau of Indian Standards on Experimentation, on June 1990. (iii) At National Council for Cements and Building Material on Total Quality Controlling Cement Industry to participants from SAARC countries on 1 June 1990. (iv) Gave talk on Concepts, Vendor Development and Total Quality Management, organised by SQC and OR Unit, ISI, Pune, during 7-9 July 1990. (v) Gave one day seminar on Assessment of Inspection Error, Standardisation of Inspection and Role of Inspection in Improvement Control of Quality at the Directorate General of Quality Assurance, Ministry of Defence on 8 August 1990. (vi) Gave talk on TQM to participating Executive from Ordnance Factories, New Delhi. (vii) Gave talk on 'Quality Assurance in Exports' organised by Institute of Material Management, on 24 January 1991. and (viii) Gave talk on Management of Materials and Maintenance to Executives of ONGC.

Shri V. Narayana (SQC & OR) gave lectures on (i) 'Quality Control' at National Institute of Nutrition, Hyderabad on 24 May 1990. (ii) 'Incoming Material Control' at Administrative Staff College of India, Hyderabad on 14 June 1990. (iii) 'Operation Research' at the Institute of Public Enterprise, Hyderabad on 22 September 1990. (iv) 'Design of Experiments' at the Engineering Staff College

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of India, Hyderabad on 11 October 1990. (v) 'How to present Quality Circle case Study' at ECIL, Hyderabad on 16 November 1990. (vi) 'Quality Control in field studies' at A.P. Agricultural University, Hyderabad on 14 February 1991. (vii) 'New Seven Tools' at IAQR and QCPI (AP Chapter, Hyderabad) on 22 February 1991.

Shri N. T. V. Ranga Rao (SQC & OR) delivered lectures on 'Statistical Techniques in Production Management' at J.N.T. University, Hyderabad, during 18-19 June 1990.

Shri P. K. Perumalla (SQC & OR) spoke on 'Life testing and Weibull Analysis' at ALISDA, Bangalore on 21 November 1990.

Shri C. A. Setty (SQC & OR) gave a talk on 'Quality Management : Latest Concepts' at the Institute of Science, Bangalore on 20 November 1990.

Dr. K. G. Bamamurthy (SQC & OR) gave a seminar on 'Coherent structures and simple games' at the Statistics Department of the Bangalore University, Bangalore during August 1990.

Shri A. K. Chaudhuri (SQC & OR) lectured on 'Quality Function Deployment' at the Indian Institute of Management, Calcutta in September 1990.

Shri C. A. Setty (SQC & OR) delivered a lecture on 'Quality Management in 1990's' at the Karl Duisberg Society, Bangalore on 26 August 1990.

Shri S. P. Mukherjee (SQC & OR) gave a talk in the seminar on 'A critique on Karmakar's algorithm' on 21 December 1990 by being invited from Centre for Advanced Study in Applied Mathematics, University of Calcutta.

Shri P. R. Lakshminathan (SQC & OR) attended a meeting of Expert Working Group on Pavement Performance Studies in Central Road Research Institute, New Delhi, as a representative from ISI.

Shri Y. R. Basu (SQC & OR) attended the 3rd meeting of Andhra Pradesh State level Committee on Standardisation and Quality Systems on 23 January 1991.

Shri A. R. D. Prasad (DRTC), on invitation, delivered a course of special lectures on the following : (i) 'Information systems and computer applications' at the Academic Staff College of the Andhra University, Visakhapatnam, during 27 August to 31 August 1990 ; (ii) 'Computer Applications to Library and Information Services' at the Department of Library and Information Science of the Sri Venkateswara University, Tirupati during 11 March to 26 March 1991.

Shri Prasad also attended the following seminars : (i) 'On Easynet' organized by Informatica (India) Ltd., Bangalore on 11th July 1990 ; (ii) '8th National Seminar of Iatlia' organized by the Department of Library and Information Science, Bangalore University, Bangalore during 31 January-2 February 1991. Shri Prasad presented

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a paper relating to the theme of the conference : Specialisation in Library and Information Science Education; (iii) 'Librarianship in Developing Countries' organized by Shri Venkateswara University, Tirupati and presented a paper entitled "The Second Computer Revolution of the Future of Library and Information Science" during 28 March-30 March 1991.

Prof. G. Bhattacharyya (DRTC), delivered the inaugural address to the seminar on 'Trends in Communication Technology as Applied to Library and Information Service and Seminar on Policies and problem in the Acquisition of Reading Materials in the Libraries' on 12 August 1990 organized by the Karnataka State Library Association, Bangalore, to celebrate the 98th Birth Anniversary of Dr. S. R. Ranganathan and also attended the seminar.

Prof. Bhattacharyya, on invitation, attended (i) 'XIV Iaslic National Seminar on Status and Authority of Library Profession' during 14-17 November 1990 at the Department of Library and Information Science, University of Mysore, Mysore. He contributed a paper on "Library and Information Service as a Profession"; (ii) 'National Seminar on new Dimensions in Library and Information Services' sponsored by the UGC during 30-31 March 1991 at the Department of Library and Information Science, University of Mysore, Mysore, and presented a paper.

Prof. M. A. Gopinath (DRTC), attended seminars on : (i) Trends in Communication Technology as Applied to Library and Information Services; (ii) 'Policies and Problem in the Acquisition of Reading Materials in the Libraries', organized by the Karnataka State Library Association to celebrate the 98th Birth Anniversary of Dr. S. R. Ranganathan on 12 August 1990; (iii) 'XIV Iaslic National Seminar on Status and Authority of Library Profession' during 14-17 November 1990 at the Department of Library and Information Science, University of Mysore, Mysore. Prof. Gopinath, on invitation, delivered the keynote address entitled 'Librarianship in Library Management'. He also delivered a talk on the "Interface between Library Profession and Document Supply System : Problems and Prospects"; (iv) 'Acquisition of Documents', organized by the CPTRI, Mysore and Department of Library and Information Science, University of Mysore, Mysore on 14th November 1990. It was sponsored by the Karnataka State Library Association Karnataka Health Science Librarians Association and IASLIC; (v) 'National Seminar on New Dimensions in Library and Information Services' at the Department of Library and Information Science, University of Mysore, Mysore during 30-31 March 1991, and presented a paper.

Prof. Gopinath also attended the '8th National Seminar of Iaslic' during 31 January-2 February 1991 at the Department of Library and Information Science, Bangalore University, Bangalore, and presented a paper relating to the theme of the conference : 'Specialization in Library and Information Science Education'. He also chaired one of the three sessions of the seminar.

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Prof. S. Soetharama (DRTO), attended the (i) 'Vth International Congress on Medical Librarianship' at the New Delhi during 24-28 September 1990, and contributed a paper entitled 'Information Consolidation Activities and Services: Keys to Health Information'; (ii) '8th National Seminar on ISLIS' at the Department of Library and Information Science, Bangalore University, Bangalore during 31 January to 2 February 1991, and presented a paper. He also chaired one of the three sessions of the seminar; (iii) 'Workshop on Planning and Management of Information Centres' on invitation, at the Madurai Kamaraj University, Madurai during 28 February to 1 March 1991. In addition, he prepared the working documents for the workshop; (iv) 'Seminar on Librarianship in Development Countries' at the Sri Venkateswara University, Tirupati, during 28-30 March 1991, and presented a paper entitled 'Towards an Information Centred Society in Developing Countries'; (v) 'National Seminar on New Dimensions in Library and Information Services' during 30-31 March 1991 at the Department of Library and Information Science, University of Mysore, Mysore, and presented a paper; (vi) 'Refresher Seminar on Academic Librarianship and Information Technology' at the Department of Library and Information Science, University of Poona, Pune during 8-17 March 1991; and delivered two lectures.

Prof. Soetharama, on invitation, delivered a course of special lectures on: (i) 'Management Techniques for Libraries and Information Centres' at the Department of Library and Information Science, University of Poona, Pune during 28 October to 1 November 1990; (ii) 'Planning and Systems Analysis' at the Department of Library and Information Science, SNDT University, Bombay on 1 November 1990; (iii) 'International Information Systems: Concepts, Objectives and Needs' covering the topics such as INIS, AGRIS, DEVSIS etc. at the Refresher Course for Degree College Libraries lectures in Library Science at the Osmania University, during 18 February to 16 March 1991, organized by the UGC.

Prof. I. K. Raviohndra Rao (DRTC), on invitation, attended the 'National Seminar on New Dimensions in Library and Information Services' during 30-31 March 1991 at the Department of Library and Information Science, University of Mysore, Mysore, and presented a paper.

Shri J. Verghese (Central Library), attended a five day South East Asian Seminar on Modernisation of Libraries and Conservation of Library Materials, held at National Library, Calcutta during 10-14 December 1990.

Ms. B. M. Meera (Bangalore Centre Library), participated in C.D. Room Workshop and Training Course from 14-16 May 1990 at N.A.L., Bangalore.

Shri N. K. Khatri (Delhi Centre Library) attended 36th All India Library Conference, organized by the Indian Library Association at Jodhpur, Rajasthan during 26-29 December 1990. The theme of the conference was "Computerization and Library Network".

12. NINETYSEVENTH BIRTH ANNIVERSARY OF
LATE PROFESSOR F. C. MAHALANOBIS

The ninetyseventh birth anniversary of late Professor P. C. Mahalanobis, founder of the Institute, was jointly observed with the ISIWO and ISI Club, at the Auditorium of the Institute at Calcutta., at 10.30 a.m. on 29 June 1990. A large number of students and workers of ISI and guests assembled to commemorate the birth day function. Dr. J. K. Ghosh, Director of the Institute, welcomed the distinguished guests and all those who attended the function.

Dr. Aabok Mitra and Professor Dilip Biswas addressed the gathering. They reminisced about Professor Mahalanobis' role in building the Institute and advising the Government of India in formulating India's Five Year Plans.

On this occasion, a scientific lecture was also organised. Professor Somesh Das Gupta delivered the lecture entitled, "Mahalanobis—D²: A historical perspective", at 2.30 p.m. at the main building of ISI at Calcutta.

The ninetyseventh birth anniversary of the late Professor was also celebrated by the workers in Delhi and Bangalore Centres and all outstation SQC Units in different parts of India.

Part III. Administration and Office Bearers

13. GENERAL ADMINISTRATION

ADMINISTRATIVE SERVICES DIVISION

The Administrative Services Division caters to the various needs of scientific workers of the Institute and provides necessary infrastructural facilities to enable them to carry out their research and academic activities. The Division has different Units like Security, Transport, Estate, Engineering, Stores, Canteen, Accounts, Personnel Unit etc. Apart from the routine administrative jobs pertaining to the staff and finance, preparation and submission of final audited statement of accounts, maintenance of property and buildings etc., this Division also looks after the smooth running of its Hostels for students, Research Scholars and Trainees. It also maintains Guest Houses to accommodate scientists and academicians, both from inside and outside the country, who visit the Institute for academic pursuits. The Division has two main centres located at Delhi and Bangalore. The other outlying units numbering eight are controlled directly by the Head Quarters at Calcutta. The Administrative Services Division is also responsible for all the new construction activities of the Institute at its Headquarters and at outlying centres/branches. A brief report on the construction activities in the current year is indicated in paragraph 4 below.

2. Institute Staff :

With the increase in research activities of the Institute and also as a result of construction of various buildings like Sr. Students Hostel, Composite Library Building, Computer Centre etc. at the Headquarter and also academic blocks at Bangalore and Hyderabad, the need for supporting staff as also of general administrative staff increased. However, the Institute had to observe a complete ban on recruitment as per Govt. directive resulting in reduction in the number of administrative staff on account of retirement, death etc. It has thus become increasingly difficult for the Administrative Services Division to man the important positions in Security, conservancy services, Engineering Unit etc. However, the Govt. has since lifted the ban at the fig end of the year under report, it is expected that the recruitment of some essential administrative staff will be made during the next year.

The pay-scales for the non-faculty staff of the Institute was pending with the Govt. for a long time. During the year, a tri-partite meeting with the Secretary, Deptt. of Statistics and representatives of the Institute administration and also of ISIWO was held in Calcutta to sort out the differences. The Govt. finally suggested that the Institute should send a report indicating their final views on the non-faculty pay scales. A report was therefore prepared and sent to the Govt. in February 1991. The final decision of the Govt. is expected in the next financial year.

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The following senior members of the staff worked in the post indicated against the name of each during the year :

1. Professor J. K. Ghosh, F.N.A., Director
2. Professor N. Bhattacharya, Offg. Director from 16.8.90 to 24.12.90 during the period of absence of the Director.
3. Dr. M. K. Chakrabarti, Dean of Studies (upto 17 September 1990)
4. Dr. A. B. Gupta, Dean of Studies (from 18 September 1990)
5. Professor Packeah Chander, Head of Delhi Centre
6. Professor M. A. Gopinath, Incharge, Administration and Accounts Bangalore
7. Shri P. K. Bandyopadhyay, Chief Administrative Officer

New Appointments :

The following staff joined the Institute during the year :

1. Dr. Aloke Dey, Professor
2. Dr. Subhas C. Kochar, Associate Professor
3. Dr. Omkar Goswami, Associate Professor
4. Dr. Arup Bose, Associate Professor
5. Dr. Rita Saha Roy, Lecturer
6. Dr. Kohinur Hazra, Lecturer
7. Dr. Aloke Goswami, Lecturer
8. Dr. Rahul Roy, Lecturer
9. Dr. Debasis Sengupta, Lecturer
10. Dr. Debapriya Sengupta, Lecturer
11. Dr. Tapas Samanta, Lecturer
12. Dr. Pulakesh Maiti, Lecturer
13. Dr. Probal Chaudhuri, Lecturer
14. Shri Anurag Sekaria, Technical Officer
15. Dr. Nikhil Ranjan Pal, System Analyst Gr. II
16. Shri Probal Sengupta, System Analyst Gr. II

Retirement :

The following staff retired from the services of the Institute during the year :

1. Dr. L. S. Bhat, Professor
2. Shri B. N. Mukherjee, Professor
3. Dr. Sibabrata Chatterjee, Professor
4. Shri C. R. Prasad, Senior Technical Officer
5. Dr. K. G. Ramamurthy, Senior Technical Officer

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6. Dr. Subhas Chatterjee, Associate Professor
7. Shri Arun Kr. Ghosal, Lecturer
8. Shri R. Anantha Rao, Technical Officer Gr. I
9. Shri Sudhindra Kr. Roy, Deputy Librarian

Staff position as on 31 March 1991 :

i) Scientific and Technical Group—	537
ii) Non-Scientific Group	— 1028

Total — 1565

3. Budget and Finance :

For the year 1990-91, the Institute projected Rs. 941.20 lakhs and Rs. 768.77 lakhs towards Non-Plan and Plan in its Budget estimates. The Govt. after considering the report of the Section 8(1) Committee sanctioned net grants-in-aid for Rs. 857.00 lakhs and Rs. 250.00 lakhs, respectively, for Non-Plan and Plan Budget estimates. At the Revised Estimates stage, the Institute sought for a grant of Rs. 978.42 lakhs in Non-Plan and Rs. 251.40 in Plan. The Govt. released a net grant of Rs. 930.00 lakhs under Non-Plan and Rs. 127.00 lakhs under Plan. The Institute, however, could not contain its expenditure within the reduced amount allotted by the Government which resulted in excess of expenditure over income. The Audited Annual Accounts of the Institute for the year 1990-91 have been furnished in part-IV of this report.

4. Land and Construction :

Calcutta

4.1 Composite Library Building (7th, 8th and 9th floors) :

The electrical installation work including fittings had been completed during the year. The total amount paid during the year amounted to Rs. 11,41,372.00.

4.2 Sr. Boys' Hostel :

The work of Sr. Boys' Hostel in respect of civil, sanitary and electrical works had been completed during the current year and the Hostel is now ready for occupation. The total expenditure incurred on this account during the year was Rs. 48,800.00.

4.3 Installation of Transformer :

The work had been duly completed during the year under review and the final certificate from the Electrical Deptt. of Govt. of West Bengal is awaited. The expenditure incurred on this account during the year amounted to Rs. 5,22,872.00.

4.4 Guest House :

The final cost estimates in respect of construction of a new Guest House had been prepared by the Architects M/S. DCL. The total cost of civil, sanitary and

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electrical works including cost of installation of a lift came to Rs. 79.35 lakhs. The actual construction is likely to commence during the next financial year.

4.5 Renovation of RTS Building :

The renovation work of the present RTS building commenced during the current financial year. The main works are : (i) demolition of the existing roof of the top floor and a part of the 5th floor and recasting thereof, (ii) demolition of existing sunshades of all the floors and re-construction thereof, (iii) re-routing of the existing electrical systems and water lines. The total amount required for the work was estimated to be Rs. 24 lakhs approx. The work is likely to be completed by the end of the next financial year.

4.6 Sinking of deep subwell :

In order to meet the additional demand for water it was decided to sink one more deep subwell at a cost of Rs. 4 lakhs approx. at 205/206 B. T. Road campus. The tender was invited. The work is likely to start during the next financial year. During the year, a sum of Rs. 1,18,000.00 was spent for this purpose.

Baroda

During the year 1990-91 no construction work was undertaken.

Madras

The SQC and OR Unit of the Institute at Madras represented to the Government of Tamil Nadu requesting their help to evict the unauthorised encroachments on the Institute's land at Taramani or to allot alternative land for construction of office building for SQC and OR Unit at Madras. Attempts are being made to meet the Chief Minister and Minister for Revenue for getting their help in evicting the encroachments.

The Collector of Madras had inspected the land during February 1991 and promised to send his report to the Government.

Bangalore

No construction work was undertaken at Bangalore Centre of the Institute during the year.

Hyderabad

No new civil construction was undertaken at Hyderabad.

The final bill of M/S. Vikas Power Crafts, Contractors for electrical installation in ISI Office and for construction of staff quarters was approved by the Works Advisory Committee for a total sum of Rs. 2,84,703.65. Accordingly, the balance of Rs. 8,646.96 due to the contractor was paid during the period of report.

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With the above, all the construction work connected with Academic Block, staff quarters and boundary wall were completed.

Delhi

No construction work was undertaken at Delhi Centre of the Institute.

Giridih

During the year, a boundary wall was constructed on the farm land to prevent encroachment of land by the nearby local residents. The total cost involved was Rs. 98,500.00 approx.

6. Take-over of Statistical Publishing Society by the Institute :

The Council of the Institute earlier took a decision to take over the Statistical Publishing Society (SPS) along with its printing presses. After long persuasion, the Government of India finally agreed to allow the take over of SPS by the Institute. A Committee was set up by the Govt. to assess the actual condition of the printing machines and other related machineries and also to recommend the actual manpower requirement for running the printing presses in future and their pay-scales. The number of workers in the SPS including the presses was reported to be eighty eight. The report of the Committee was subsequently accepted by the Government. The actual take over will be completed only after the completion of other legal formalities connected with the take-over of the SPS. This is expected to be finalised in the beginning months of the next financial year.

SOCIETY TYPE ACTIVITIES

Membership : During the year April 1990 to March 1991, 421 persons were elected as ordinary members of the Institute, and 19 ordinary members became life members. The membership of 179 members were terminated.

The membership position as on 31 March 1991 : Ordinary members 785, Life members 286, Institutional members 16. During the year under review, 224 Student-members were enrolled.

Annual General Meetings : 2 (Two) Annual General Meetings were held on 8 September 1990 and on 23 February 1991. In the meeting of 8 September 1990, the General Body adopted the report of the Election Officer relating to election of the members of the Council. In the next meeting of 23 February 1991, the Annual Report together with the Audited Statement of Accounts for the year 1989-90 were considered and adopted.

Council Meetings : 6 (Six) Meetings of the Council of the Institute were held during the year. Various important decisions were taken by the Council during

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the year on both academic and administrative matters, like the introduction of M. Tech. Course in QR and OR, the revision of Memorandum of Association of the Institute etc.

Finance Committee Meetings : 3 (Three) Meetings of the Finance Committee were held during the year. In the second meeting held on 7.3.90, the Committee considered the budget estimates for 1991-92 and revised estimates for 1990-91 in respect of both Non-Plan and Plan. In the next meeting held on 21.3.91, the Committee considered and recommended to the Council the Annual Report including Audited Statement of Accounts for the year 1989-90.

During the year under report, the Council of the Institute was reconstituted with effect from 18 September 1990 for a two year term. A list containing the names of the President of the Institute, Chairman and Members of the Council of the Institute and also lists of members of different committees constituted by the Council are given in Chapter 14.

14. LIST CONTAINING THE NAMES OF THE PRESIDENT OF THE INSTITUTE AND THE CHAIRMAN AND MEMBERS OF THE COUNCIL AND MEMBERS OF DIFFERENT COMMITTEES OF THE COUNCIL AND ACADEMIC COUNCIL AS ON 31 MARCH 1991

President : Professor M.G.K. Menon, F.R.S.

The Council

1. *Chairman* : Shri P. N. Haksar, M.Sc., Bar-at-Law, IPS (Retd.)

Representatives of Government of India (4)

2. (i) Shri M. G. Sardana, Director General, Central Statistical Organisation/Ex-officio Additional Secretary, Department of Statistics, Ministry of Planning, Government of India, Sardar Patel Bhavan, Parliament Street, New Delhi 110 001.
3. (ii) Shri S. Krishnamoorthy, Joint Secretary and Financial Adviser to the Government of India, Department of Statistics, Sardar Patel Bhavan, Parliament Street, New Delhi 110 001.
4. (iii) Shri T. R. Venkateshram, Principal Adviser, Department of Statistical Analysis and Computer Services, Reserve Bank of India, C-8/9, Bandra-Kurla Complex, Post Box No. 8128, Bandra (E), Bombay 400 081.
5. (iv) Dr. (Smt.) A. R. Rajeswari, Joint Adviser, Department of Science and Technology, New Mahantoli Road, Technology Bhavan, New Delhi 110 016.

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Scientists not employed in the Institute (7)

Representative of ICSSR (1)

6. Professor Amiya Kr. Bagchi, Director, Centre for Studies in Social Sciences, 10, Lake Terrace, Calcutta 700 029.

Representative of INSA (4)

7. (i) Professor M. G. Nadkarni, Head, Centre for Advanced Study in Mathematics, University of Bombay, Lokmanya Bal Gangadhar Tilak Bhavan, Vidyanagari, Vidyanagari Marg, Bombay 400 098.
8. (ii) Professor R. P. Banbhai, Vice-Chancellor, Punjab University, Chandigarh 160 014.
9. (iii) Professor M. S. Kanungo, Department of Zoology, Banaras Hindu University, Varanasi 221 005.
10. (iv) Professor H. Y. Mohan Ram, Department of Botany, University of Delhi, Delhi 110 007.

Scientists Co-opted by the Council (2)

11. (i) Professor B. K. Kale, Department of Statistics, University of Poona, Ganeshkhind, Pune 411 007.
12. (ii) Professor P.V.S. Rao, Head, CSC Group, Tata Institute of Fundamental Research, Homi Bhabha Road, Bombay 400 005.

Elected representatives of the members of the

Institute not employed in the Institute (2)

13. (i) Professor Deb Kumar Bose, 24, Mandeville Gardens, Flat A2/1, Calcutta 700 019.
14. (ii) Professor Prabuddha Nath Roy, 1/525, Jodhpur Park, 4th floor (West), Calcutta 700 068.

Elected representatives of the employees of the Institute (3)

15. (i) Shri Dilip Sengupta, Representative of the Scientific workers.
16. (ii) Shri Apurba Guha, Representative of the Non-Scientific workers.

Officers of the Institute (ex-officio) (9)

17. (i) Professor J. K. Ghosh, Director
18. (ii) Dr. Somesh Dasgupta, Professor-in-Charge, Theoretical Statistics and Mathematics Division.

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19. (iii) Dr. T. Krishnan, Professor-in-Charge, Applied Statistics, Surveys and Computing Division.
20. (iv) Dr. Chitta Ranjan Malakar, Professor-in-Charge, Social Sciences Division.
21. (v) Dr. B. B. Chaudhury, Professor-in-Charge, Physical and Earth Sciences Division.
22. (vi) Dr. Pranab Kr. Tapaawi, Professor-in-Charge, Biological Sciences Division.
23. (vii) Dr. Amulya Bhusan Gupta, Dean of Studies
24. (viii) Dr. T. S. Arthanari, Head, SQC and OR Division.
25. (ix) Dr. Parkash Chander, Head, Delhi Centre

Shri P. K. Bandyopadhyay, Chief Administrative Officer, was non-member Secretary.

List of members of the Academic Council

1. Professor J. K. Ghosh, Director—Chairman
2. Professor A. B. Gupta, Dean of Studies, Convener

Theoretical Statistics and Mathematics Division

3. Dr. Suresh Das Gupta, 4. Dr. A. K. Roy, 5. Dr. T. J. Rao, 6. Dr. S. B. Rao, 7. Dr. B. V. Rao (on leave), 8. Dr. Bikash Sinha, 9. Dr. A. R. Rao, 10. Dr. G. M. Saha, 11. Dr. Rahul Mukherjee, 12. Dr. A. Maitra (on leave), 13. Dr. H. Sarbadhikari*, 14. Dr. B. Ramchandran, 15. Dr. K. R. Parthasarathy, 16. Dr. Sujit Kr. Mitra, 17. Dr. T. Parthasarathy, 18. Dr. B. L. S. P. Rao, 19. Dr. K. B. Sinha, 20. Dr. R. L. Karandikar, 21. Dr. R. Bhatia, 22. Dr. Aloke De, 23. Dr. A. Sitaran, 24. Dr. K. P. S. B. Rao, 25. Dr. V. S. Sunder, 26. Dr. V. R. Padmawar*, 27. Dr. T. V. Hanurav.

Applied Statistics, Surveys and Computing Division

28. Shri Ajoy Kr. Adhikari, 29. Dr. Arijit Chaudhuri, 30. Dr. B. Mukherjee, 31. Dr. S. K. Pal, 32. Dr. T. Krishnan, 33. Dr. Sibdas Bandyopadhyay, 34. Dr. A. C. Mukhopadhyay, 35. Shri Tares Maitra, 36. Dr. P. Bhimasankaram, 37. Shri S. C. Kundu, 38. Shri B. K. Sengupta, 39. Dr. Aditya Bagchi.

Physical and Earth Sciences Division

40. Dr. Ambarish Ghosh, 41. Dr. P. Bandyopadhyay, 42. Dr. Raj Kumar Roychowdhury, 43. Dr. B. N. Mandal, 44. Dr. M. K. Chakrabarti, 45. Dr. B. P. Sinha, 46. Shri Ashis Sen (on leave), 47. Dr. B. B. Bhattacharya*, 48. Dr. D. Dutta Majumder, 49. Dr. Asoke Dutta, 50. Dr. J. Das, 51. Dr. B. B. Chaudhuri, 52. Dr. S. K. Pal (on leave), 53. Dr. S. L. Jain, 54. Dr. T. Roychowdhury, 55. Dr. A. K. Chaudhuri, 56. Dr. S. N. Sarkar*, 57. Dr. A. B. Gupta, 58. Dr. D. N. Ghose†

*Representative Selected by the Divisional Committee of Scientific Workers.

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Biological Sciences Division

69. Dr. A. Banu, 60. Dr. K. C. Malhotra, 61. Prof. R. L. Brahmachary, 62. Dr. S. Maiti, 63. Dr. M. Ghose*, 64. Dr. C. Dutta Gupta*

Social Sciences Division

65. Dr. N. Bhattacharya, 66. Dr. D. Dasgupta (on leave), 67. Dr. Robin Mukherjee, 68. Dr. M. N. Pal, 69. Dr. D. Coondoo, 70. Dr. Pradip Maiti, 71. Dr. M. Chatteropadhyay*, 72. Dr. Biswanath Bhattacharya, 73. Dr. C. R. Malaker, 74. Dr. S. Guha Roy, 75. Dr. M. Mukherjee, 76. Dr. P. Chakrabarti*, 77. Dr. Parkash Chander, 78. Dr. Atul Sarna, 79. Dr. P. N. Mukherjee, 80. Dr. B. Datta, 81. Dr. Dilip Mukherjee, 82. Dr. Debraj Roy, 83. Dr. N. S. Iyengar, 84. Dr. N. S. S. Narayana, 85. Dr. S. Seetharama, 86. Dr. Sanjit Bose.

Statistical Quality Control and Operations Research Division

87. Dr. R. J. Pandey, 88. Shri T. K. Chakrabarti, 89. Shri D. T. Ghosh, 90. Dr. S. P. Mukherjee, 91. Shri S. Sengupta, 92. Shri Anup Majumder, 93. Shri A. N. Nankana, 94. Dr. S. R. Mohan, 95. Shri B. K. Pal, 96. Shri C. A. Setty, 97. Dr. K. G. Ramamurthy, 98. Shri K. N. Anand, 99. Shri A. K. Chaudhuri, 100. Shri V. Narayana, 101. Shri Y. R. Rau, 102. Shri N. T. V. Ranga Rao, 103. Shri J. Venkatesappaiah, 104. Shri S. M. Sundara Raju, 105. Shri C. Y. KrishnaMurthy, 106. Dr. T. S. Arthanari, 107. Shri P. Lakshmanan, 108. Shri N. R. Sarkar*, 109. Shri K. M. Das*, 110. Shri V. Gopalan

Library, Documentation and Information Sciences Division

111. Dr. J. Misra, 112. Dr. G. Bhattacharya, 113. Dr. I. K. Ravichandra Rao, 114. Dr. M. A. Gopinath.

Member-Secretary, ISEC, Calcutta

115. Dr. A. B. Baha

Head, SQC, T and P Unit

116. Shri T. K. Chakrabarti

Secretary, Examinations Committee

117. Dr. P. Bhimasankaram

List of Members of Different Committees of the Institute

1. Finance Committee

1. Director (Ex-officio Chairman), Dr. D. Dutta Majumder, Indian Statistical Institute, Calcutta, 3. Dr. T. S. Arthanari, Head, SQC and OR Division, Indian Statistical Institute, 4. Dr. Parkash Chander, Head, Delhi Centre, Indian Statistical

*Representative selected by the Divisional Committee of Scientific Workers.

FIFTYNINTH ANNUAL REPORT : 1990-91

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INDIAN STATISTICAL INSTITUTE

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INDIAN STATISTICAL INSTITUTE

Agricultural Research Statistics Institute, Library Avenue, New Delhi, 16. Professor P. V. Sukhatme, Head, Department of Biometry, M.A.C.S. Research Institute, Law College Road, Pune, 17. Professor Sivabath Mookherjee, School of Life Sciences, Jawaharlal Nehru University, New Mehrauli Road, New Delhi, 18. Dr. S. L. Kate, Professor, Department of Biochemistry, B. J. Medical College, Pune, 19. Dr. P. K. Tapaswi, Professor-in-Charge (Convener).

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1. Professor J. K. Ghosh, Director (Chairman), 2. Shri Anand Kumar Nair, Divisional Manager, Engg. and Dev. Lucas TVS Ltd., Podi, Madras, 3. Shri G. K. Mustafi, Indian Institute of Management, Joka, Calcutta, 4. Shri K. L. Khurana, General Manager, Corporate Quality Assurance, Bharat Heavy Electricals Ltd., 306, Vikram Tower, Rajendra Place, New Delhi, 5. Dr. N. K. Jaiswal, Institute for System Studies and Analysis, Metcalfe House, New Delhi, 6. Shri N. S. Subbanna, Corporate Vice President (CA), Kirloskar Electric Co. Ltd., P. B. No. 5555, Bangalore, 7. Shri P. N. Arumugham, Chairman, Quality Management Institute, A1/246, Safdarjung Enclave, New Delhi, 8. Dr. Subir Chowdhury, 60/11, Gorchha Road,

FIFTYNINTH ANNUAL REPORT : 1990-01

Calcutta, 9. Dr. S. P. Mukherjee, Centenary Professor, Department of Statistics, Calcutta University, 35 Ballygunge Circular Road, Calcutta, 10. Dr. T. S. Arthanari, Head, SQC and OR Division (Convener).

VII. Library, Documentation and Information Sciences Division

1. Professor J. K. Ghosh, Director (Chairman), 2. Professor A. C. Tikekar, Professor and Librarian, Bombay University Library, Bombay, 3. Dr. Asoke Mukhopadhyay, Librarian, Burdwan University Library, Burdwan, 4. Professor A. P. Srivastava, University Librarian and National Fellow, Indian Institute of Advanced Studies, Simla, Himachal Pradesh. 5. Dr. I. N. Sengupta, Scientist-in-Charge, Library and Documentation; Indian Institute of Chemical Biology, Calcutta, 6. S. M. Kalpana Dasgupta, Librarian, National Library, Calcutta, 7. Dr. P. S. K. Sharma, Professor and Head, Library and Information Science Department, Agra University, Agra, U. P., 8. Dr. Pullin Barua, Professor and Head, Department of Library and Information Science, Burdwan University, Burdwan, West Bengal, 9. Dr. Sarjugi Sahai, Director, Institute of Library Science, Bhagalpur University, Bhagalpur, 10. V. A. Kamath, Retired Head, Bhabha Atomic Research Centre, Bombay, 11. Dr. V. B. Nanda, Librarian, Jawaharlal Nehru University, New Delhi, 12. Dr. J. Misra, Chief Librarian (Convener).

INDIAN STATISTICAL INSTITUTE

FIFTYNINTH ANNUAL REPORT : 1960-61

Part IV. Statement of Accounts and Auditors' Report for the year 1960-61

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INDIAN STATISTICAL INSTITUTE

Part IV. Statement of Accounts and Auditors' Report for the year 1990-91

AUDITORS' REPORT

We have audited attached Balance Sheet of Indian Statistical Institute as at March 31, 1991, for

- (a) General Account and
- (b) Other Funds

and the annexed relative Income & Expenditure Accounts for the year ended on that date.

The Balance Sheets and the Income and Expenditure Accounts as referred to above and produced before us for verification are in agreement with the books of accounts and records maintained by the Institute.

In our opinion and according to the information and explanations given to us, the said accounts read with the Notes on Accounts (Schedule X) and Subject to Notes 1 (Fixed Assets), 4 (Loans and Advances), 5 (Additional D.A. Deposit with Regional Provident Fund Commission), 8 (Medical Reimbursement Expenses, Bonus, a portion of D.A.), 10.2 (R.Q.C Receipts) and subject to our observations in Annexure attached to and forming part of this Report, respectively, give a true and fair view of the state of affairs of the Institute.

Calcutta,
31 December, 1991

For NARAY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

BALANCE SHEET

As at 31st March 1990 Rs. P.	Fund and Liabilities	Rs. P.	As at 31st March 1991 Rs. P.
17,14,43,593.95	1. GENERAL FUND : As per Schedule VII .. .. .	.. .. .	18,49,01,154.48
1,78,19,081.55	2. OTHER FUNDS : As per Schedule IV Contra (excluding Director's Contribution Fund, Indian Statistical Institute Contributory Provident Fund and General Provident Fund) .. .. .	.. .. .	1,86,18,701.58
7,50,000.00	2.1 GRANT-IN-AID FOR FLOOD ADVANCE TO STAFF : .. As per last account .. .. .	.. .. .	7,50,000.00
48,50,000.00	2. GRANT-IN-AID FOR HOUSE BLDG. ADVANCE TO STAFF : .. .. .	.. .. .
—	Add : received during the year	43,50,000.00	
1,06,796.87	2.3 INTEREST ON HOUSE BLDG. ADVANCE REALISED FROM STAFF	2,82,818.44	48,12,818.44
72,53,083.73	4.1 DEPOSITS AND OTHER LIABILITIES As per Schedule VIII .. .. .	.. .. .	1,86,40,760.99
81,058.53	2. ADDITIONAL EMOLUMENTS COMPULSORY DEPOSIT .. .. .	.. .. .	81,058.53
28,95,640.31	5. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF CAPITAL GRANT .. .. .	.. .. .	—
—	As per Schedule IX .. .. .	.. .. .
5,46,871.50	6. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF PLAN REVENUE GRANT .. .. .	.. .. .	5,46,871.50
—	For the year 1987-88 .. .. .	.. .. .
81,91,102.99	7. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF MISC. PROJECT ACTIVITIES .. .. .	.. .. .	82,97,783.14
—	As per Schedule V .. .. .	.. .. .
81,300.00	8. LIABILITIES FOR NATIONAL SAVINGS CERTIFI- GATES LODGED BY OUTSIDE PARTIES PER CONTRA .. .. .	.. .. .	—
—	9. BALANCE WITH ORINDLAYS BANK PLC (OVERDRAFT) .. .. .	.. .. .	29,88,274.54
6,79,846.54	10. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF NON-PLAN REVENUE EXPENDITURE GRANT RECEIVED FROM GOVERNMENT OF INDIA 1987-88 .. .. .	.. .. .	6,79,846.54
—	Less : Amount adjusted by Govt. during the year	5,79,000.00	846.54
—	11. NOTES ON ACCOUNTS : As per Schedule X enclosed .. .. .	.. .. .	—
<u>20,90,37,034.87</u>			<u>22,59,08,039.34</u>

P. K. BANJOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

NANDU, HALDER & GHOSHULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

AS AT 31ST MARCH 1991

As at 31st March 1990 Rs. P.	Property and Assets	Rs. P.	As at 31st March 1991 Rs. P.
	1. FIXED ASSETS :		
6,02,78,165.18	As per Schedule I	5,92,47,251.84	
10,31,47,994.47	As per Schedule IA	11,71,65,356.15	
			17,64,12,607.99
96,52,344.55	2. INVESTMENT AT COST :	86,50,000.00	
47,547.60	Interest accrued on above	54,312.90	
	As per Schedule II		96,74,312.90
5,82,803.08	3. STOCK OF SUNDRY MATERIALS		6,31,247.91
68,603.32	4. REGIONAL PROVIDENT FUND COMMISSIONER		68,603.32
	5.1 LOANS AND ADVANCES :		
96,32,972.79	As per Schedule III		1,19,66,296.27
58,28,571.00	5.2 HOUSE BUILDING ADVANCE TO STAFF :		60,04,378.00
	6. NET ASSETS OF OTHER FUNDS :		
	As per Schedule IV per contra (excluding Director's Contribution Fund, Indian Statistical Institute Contributory Provident Fund and General Provident Fund)		1,58,18,701.00
1,76,18,081.63			
	7. EXCESS OF EXPENDITURE OVER RECEIPTS OF MISC. PROJECT AND ACTIVITIES ON BEHALF OF THE GOVERNMENT OF INDIA AND OTHER BODIES :		
19,61,991.02	As per Schedule V		19,65,962.99
81,300.00	8. NATIONAL SAVINGS CERTIFICATES LODGED BY OUTSIDE PARTIES CONTRA		—
	9. EXCESS OF EXPENDITURE OVER RECEIPTS IN RESPECT OF NON-PLAN REVENUE EXPENDITURE GRANT		
12,87,868.29	For the year 1988-89	12,87,868.29	
11,43,252.72	For the year 1989-90	11,43,252.72	
34,45,454.50	For the year 1988-90	34,45,454.50	
—	For the year 1990-91	58,49,680.87	1,11,32,963.65
	10. EXCESS OF EXPENDITURE OVER RECEIPTS IN RESPECT OF PLAN REVENUE		
1,32,047.77	1986-87	1,32,047.77	
1,48,740.00	1988-89	1,48,740.00	
2,76,210.00	1988-90	3,76,210.00	
—	1990-91	1,72,670.00	5,89,667.77
	11. EXCESS OF EXPENDITURE OVER RECEIPTS IN RESPECT OF PLAN CAPITAL 1990-91		
—	As per Schedule IX		15,44,902.61
	12. CASH AND BANK BALANCE		
—	As per Schedule VI		
1,45,685.19	Cash in hand	67,710.25	
	Cash at Bank	—	67,710.25
			23,99,09,089.34
20,99,37,094.87			23,99,09,089.34

P. K. BANDYOPADHYAY
Chief Administrative Officer

10 Netaji Subhas Road,
Calcutta-700 001.
21 December, 1991

N. BHATTACHARYA
Officiating Director

S. BHOGPTA
Accounts Officer

NAJDEY, HALDEN & GILFOYLE
Chartered Accountants

S. S. PANJA
Accounts Officer

INDIAN STATISTICAL INSTITUTE

INCOME AND EXPENDITURE ACCOUNTS

Previous Year		Expenditure	Current Year	
Plan Rs. P.	Non-Plan Rs. P.		Plan Rs. P.	Non-Plan Rs. P.
SALARY AND ALLOWANCES				
14,76,880.00	5,74,58,829.57	1. Salary & Allowances	13,35,440.00	6,19,97,501.99
—	36,37,003.83	1.1 Pension, graded relief and Commuted Value of pension etc.	—	39,33,333.87
2,77,360.00	7,96,681.81	2. Overtime Allowances	4,93,130.00	8,87,133.94
—	41,094.00	3. Children Education Allowances	—	46,347.00
—	12,85,584.53	4. Employer's Contribution to Provident Fund	—	12,16,711.54
—	12,71,535.45	5. Gratuity Payments	—	30,61,925.30
1,10,000.00	1,00,608.88	6. Visiting Professors, Foreign Scientists, Fellows & Experts	81,000.00	83,601.53
9,97,760.00	86,02,113.88	7. Scholarship, Stipend and other assistance to trainees	2,70,000.00	30,97,635.50
NON-SALARY ITEMS				
50,300.00	11,01,825.00	8. Leave Travel Concession	—	31,45,488.30
44,100.00	7,30,081.41	9.1 Reimbursement of Medical Expenses	83,390.00	8,23,335.13
1,01,030.00	6,80,431.94	9.2 Medical Welfare to Staff, Students, Research Scholars etc.	1,43,900.00	9,78,131.82
5,91,300.00	10,20,318.82	10. Travelling expenses	8,73,000.00	13,61,799.34
4,10,400.00	7,33,519.50	11. Printing and Publication	1,69,300.00	6,08,547.35
1,89,200.00	2,22,902.36	12.1 Society type activities (entertainment and Conference expenses)	3,59,210.00	1,94,353.34
—	81,679.87	12.2 Examination expenses	—	1,03,403.90
7,04,000.00	41,78,463.61	13. Books, Journals etc.	15,06,350.00	41,73,544.95
4,01,160.00	7,34,668.70	14. Repair, Replacement & Maintenance of Office equipments & accessories etc.	6,33,090.00	19,31,760.06
8,31,100.00	30,91,760.33	15. Stationeries, Consumable Stores, advertisement, insurance, labour charges, conveyance and petty expenses etc.	10,38,760.00	22,35,514.73
4,30,800.00	33,61,942.60	16. Postage, Freight, Electricity, Telephone charges etc.	5,50,800.00	37,93,718.17
<u>69,04,780.00</u>	<u>8,30,90,825.51</u>		<u>74,83,630.00</u>	<u>9,45,19,183.06</u>

FIFTYNINTH ANNUAL REPORT: 1990-91

FOR THE YEAR ENDING 31st MARCH 1991

Previous Year		Income	Current Year	
Plan Rs. P.	Non-Plan Rs. P.		Plan Rs. P.	Non-Plan Rs. P.
—	—	1. Grant-in-Aid from Government of India ..	—	—
—	6,12,00,000.00	.1 For Non-Plan Current Expenditure ..	—	9,08,00,000.00
—	—	Less : earmarked for House Bldg. loan ..	—	—
68,18,000.00	—	2. For Plan Current Expenditure ..	86,00,000.00	9,08,00,000.00
—	—	.1 In respect of SQO training fees etc. ..	—	—
—	7,00,000.00	Less : Transferred to SQO Development Fund ..	18,99,355.38 13,99,355.38	7,00,000.00
.3 Internal Receipts :				
—	28,888.00	(a) Membership Sub.	—	42,381.06
—	5,30,386.00	(b) Fees for Training course and sale proceeds of Syllabus etc.	—	6,05,836.50
—	14,028.00	(c) Examination fees and other receipts ..	—	10,801.50
—	23,076.11	(d) Receipt from sale of farm produce at Oriskh ..	—	18,727.78
—	16,978.00	(e) Service charges for work done by Pay-chemistry, Computer Science Unit etc.	—	31,506.00
—	11,77,757.81	(f) Miscellaneous Receipt ..	—	11,31,846.66
5,74,310.00	34,43,464.50	2. Excess of Expenditure over Income Transferred to Balance Sheet ..	1,73,870.00	52,48,886.87
<u>66,91,318.00</u>	<u>8,71,41,966.13</u>		<u>86,73,870.00</u>	<u>9,56,80,792.87</u>

Carried Over =

INDIAN STATISTICAL INSTITUTE

INCOME AND EXPENDITURE ACCOUNTS

Previous Year		Expenditure	Current Year	
Plan Rs. P.	Non-Plan Rs. P.		Plan Rs. P.	Non-Plan Rs. P.
69,04,790.00	8,20,80,835.61	Brought Forward	74,83,020.00	9,46,19,183.06
—	32,353.00	17. Audit Fees and Expenses	—	30,179.00
—	17,287.99	18. Interest and Bank Charges	—	30,908.75
—	14,35,777.63	19. House Rent and Taxes	—	13,94,153.37
—	10,48,883.01	20. Repair and Maintenance of Building Land etc. and petty construction etc. ..	—	10,44,070.71
2,01,100.00	5,70,066.49	21. Transport	3,08,050.00	6,33,898.58
1,20,470.00	5,40,186.19	22. Workers' Welfare and amenities (exclud- ing medical expenses)	2,01,000.00	6,36,368.07
2,99,350.00	3,35,654.65	23. Laboratory Stores, Tools and Minor accessories, Reprography consumables ..	5,84,000.00	2,65,278.00
65,000.00	75,081.83	24. Materials and other charges for Experi- mental farming and Rice Research Scheme	1,02,000.00	35,736.74
<u>65,81,210.00</u>	<u>8,71,41,688.12</u>		<u>86,73,070.00</u>	<u>9,86,80,798.87</u>

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

S. SEVOTTA
Accounts Officer

S. S. PANJA
Accounts Officer

FIFTYNINTH ANNUAL REPORT: 1990-91

FOR THE YEAR ENDED 31st MARCH 1991

Previous Year		Income	Current Year	
Plan Rs. P.	Non-Plan Rs. P.		Plan Rs. P.	Non-Plan Rs. P.
66,91,210.00	8,71,41,966.12	Brought Forward	66,78,870.00	8,56,80,792.87

66,91,210.00 8,71,41,966.12

P. K. BANJYOFADEVILY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

66,78,870.00 8,56,80,792.87

NANDU, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE I

SCHEDULE OF FIXED ASSETS AS ON 31st MARCH 1991
(ACQUIRED UP TO 31st MARCH 1966 FOR WHICH DEPRECIATION PROVIDED EXCEPT ON LAND AND LAND DEVELOPMENT)

Sl. No.	Particulars	Written down value as on 1st April 1990	Deletions/adjustment made during the year	Value as on 31st March 1991
(1)	(2)	(3)	(4)	(5)
A. Land and Land Development:				
1. Calcutta:				
.1	At 183 Gopal Lal Tagore Road (adjoining 203 B T Road)	65,545.90		65,545.90
.2	Development of above land	40,524.78		40,524.78
.3	At 205 B T Road (including cost of development) (see note (a) below)	4,57,840.70	24,634.00	4,33,206.70
.4	At 168, 164, 165 & 161/1 OLT Road	96,663.71		96,663.71
.5	Development of above lands	6,818.51		6,818.51
.6	At 206 B T Road (including cost of development)	21,26,174.64		21,26,174.64
.7	At 202 B T Road	5,78,104.75		5,78,104.75
.8	At 208 B T Road	97,668.95		97,668.95
.9	Bidyayatan Sarani	50,000.00		50,000.00
.10	168 Gopal Lal Tagore Road	1,03,855.00		1,03,855.00
2. Giridih:				
.1	Farm Land	24,176.67		24,176.67
.2	Development and fencing	1,14,171.40		1,14,171.40
.3	Farming development	10,662.00		10,662.00
.4	Irrigation and Water Supply	28,315.00		28,315.00
.5	In Village 'Makapur', Giridih	1,24,636.67		1,24,636.67
.6	Purchased from Smt. Prakriti Devi Gangopadhyay	14,000.00		14,000.00
.7	Rose Villa	1,07,602.72		1,07,602.72
.8	Biroja Kutir	7,445.19		7,445.19
3. Delhi:				
.1	Lease-hold (see note (b) below)	24,72,764.12		24,72,764.12
.2	Development of above land	90,967.57		90,967.57
.3	Baroda:	27,611.23		27,611.23
.4	Bangalore (see note (c) below)	4,27,668.78		4,27,668.78
.5	Hydrabad:	1,14,385.00		1,14,385.00
.6	Madras:	71,662.50		71,662.50
.7	Tahsildar Planters Club (lease hold, Darjeeling) (see note (D) below)	12,479.58	481.42	12,961.00
Sub-Total:		72,83,062.44	24,613.42	72,57,449.02

NOTES: (a) Demolition of a portion of Building (known as 'Ganjika').
(b) For lease hold land at Delhi, lease deed has not yet been executed pending which no write off of the value could be made.
(c) Purchase out of un-marked donation received from Statistical Publishing Society.
(d) Lease-hold land, building etc. acquired in 1954-55 for 64 years. A sum of Rs. 481.42 has been written off during the year.

FIFTYNINTH ANNUAL REPORT: 1990-91

SCHEDULE I—Contd.

Sl No	Particulars	Written down value as on 1st April 1990	Deletions/adjustment made during the year	Value as on 31st March 1990
(1)	(2)	(3)	(4)	(5)
B	Buildings:			
1.	Calcutta:			
.1	Partly at 303 B T Road and partly at 163 G L Tagore Road ..	5,93,919.61		5,93,919.61
.2	At 163 G L Tagore Road	7,19,163.65		7,19,163.65
.3	At 206 B T Road	15,23,610.85		15,23,610.85
.4	At 206 B T Road	54,335.67		54,335.67
.5	Boy's Hostel at 206 B T Road	20,40,752.07		20,40,752.07
.6	At 202 B T Road	45,002.50		45,002.50
.7	Purchase of site at Palpara Hoising	2,38,094.84		2,38,094.84
.8	Composite Library Building at 203 B T Road	66,27,120.14		66,27,120.14
.9	Boundary Wall	43,228.55		43,228.55
.10	Operator's House at 203 B T Road	23,469.58		23,469.58
.11	At 189 Gopal Lal Tagore Road	14,160.70		14,160.70
.12	At Bidyaystan Sarani, Baranagore	6,814.62		6,814.62
2.	Orissah:			
.1	Rose Villa	2,33,311.12		2,33,311.12
.2	Health Home (see note (e) below)	9,194.39		9,194.39
3.	Delhi Construction	84,65,563.82		84,65,563.82
4.	Hyderabad Wall	1,187.28		1,187.28
5.	Boundary Wall at Beroda	62,341.11		62,341.11
	Sub-Total:	2,06,94,210.29		2,06,94,210.29
C.	Sheds and Structures:			
1.	Calcutta:			
.1	203 B T Road and 163 G L Tagore Road	80,375.87		80,375.87
.2	At 206 B T Road	46,459.25		46,459.25
.3	At 156, 156, 166 & 166/1 OLT Road	12,484.27		12,484.27
.4	At 203 B T Road	1,06,430.98		1,06,430.98
.5	At 5 B N Tagore Road (for UNTAA Workshop situated on rental premises)	72,329.40		72,329.40
.6	Car Shed at 169 O L T Road	56,919.72		56,919.72
.7	Staff Quarter at Bidyaystan Sarani	2,21,736.53		2,21,736.53
.8	Students' Hostel at 206 B T Road	29,968.23		29,968.23
.9	166 G L Tagore Road, Baranagore	16,478.26		16,478.26
.10	Post Office at 204 B T Road	122.17		122.17
.11	Bidyaystan Sarani, Baranagore	220.22		220.22
.12	Construction of Security Guard	54,220.00		54,220.00

NOTES : (e) Situated on land received as gift, the value has been ignored for the purpose of these accounts.

INDIAN STATISTICAL INSTITUTE

SCHEDULE I—Contd.

Sl. No.	Particulars	Written down value as on 1st April 1990	Deletions adjustment made during the year	Value as on 31st March 1991
(1)	(2)	(3)	(4)	(5)
.13	Construction of Rest Room for Pump Operator	9,869.43		9,869.43
2.	Uttaridih :			
.1	Petty Construction	93,462.39		93,462.39
.3	Staff Quarters	1,77,282.98		1,77,282.98
.3	Farm's Wall	1,830.24		1,830.24
3.	Delhi :			
.1	Partitions, structures etc.	26,642.83		26,642.83
.2	Hot for a Chowkidar	409.35		409.35
.3	Boundary Wall	19,772.98		19,772.98
.4	Road Construction	13,222.94		13,222.94
4.	Hyderabad :			
	Hot for Chowkidar	1,647.18		1,647.18
5.	Bangalore :			
	Temporary Structure—Office Shed	39,308.87		39,308.87
	Sub-Total :	9,89,794.77		9,89,794.77
D. Machinery Equipment :				
.1	Calculating and other Tabulating Equipment	3,18,602.82	+ 493.45	3,18,996.27
.2	Other Machinery & Equipment	9,08,810.19		9,08,810.19
.3	Workshop Machinery & Equipment	2,624.13		2,624.13
.4	Microfilm photo, reprography and optical Equipment	4,96,871.29		4,96,871.29
.5	Laboratory Equipment	24,10,193.34		24,10,193.34
.6	Construction equipment	6,147.74		6,147.74
.7	UNTAI Workshop Machinery & Equipment	2,740.99		2,740.99
.8	Electronic Computer (HEC-3M) and other tabulation equipment (see note (f) below)	3,856.66	- 2,896.31	—
			+ 493.45	
.9	Mini Computer at Delhi and Madras	92,178.34		92,178.34
.10	Electronic Computer at Baranagore (see note (f) below)	17,78,648.25	- 8,37,623.91	9,40,987.34
.11	Honeywell Computer (H-400)	34,318.85		34,318.85
	Sub-Total :	66,48,991.50	- 8,91,011.87	57,57,979.63
			+ 493.45	
E. Passenger Lift				
		12,602.03		12,602.03

NOTES : (f) Donation of Computer to BITM.

FIFTYNINTH ANNUAL REPORT : 1960-61

SCHEDULE I—Contd.

Sl. No.	Particulars	Written down value as on 1st April 1960	Deletions/adjustments made during the year	Value as on 31st March 1961
(1)	(2)	(3)	(4)	(5)
F. Electrical Equipment & Installation :				
1	High Tension Electricity	1,86,447.78		1,86,447.78
2	Electrical equipment and Fittings	27,09,970.09		27,09,970.09
3	High tension electricity for UNTAA Workshop	8,736.83		8,736.83
4	Electrical installation for Flame Laboratory	5,148.50		5,148.50
5	Equipment for air-conditioning plant for Composite Lib. Bldg.	9,07,325.06		9,07,325.06
6	Electrical Installation and Fittings for Composite Lib. Bldg.	3,97,599.48		3,97,599.48
7	Electrical Installation and Fittings for Boys' Hostel at 208 B T Road	75,696.83		75,696.83
	Sub-Total:	35,35,813.23		35,35,813.23
G. Furniture and Fittings				
		32,29,660.15		32,29,660.15
H. 1. Books and Journals				
		1,68,16,319.90		1,68,16,319.90
2. Books and Journals acquired out of Ford Foundation Grant				
		45,483.85		45,483.85
I. Motor Car and Vehicles				
		8,49,010.46		8,49,010.46
J. Library equipment (including equipment procured through Ford Foundation Grant and Rockefeller Foundation Grant)				
		16,487.63		16,487.63
K. Water Supply arrangement				
		4,37,890.40		4,37,890.40
L. Overbridge : Calcutta				
		2,144.46		2,144.46
M. Soviet Printing Machine (see note (g) below)				
		1,38,504.35		1,38,504.35
N. S. R. C. equipment				
		14,549.18		14,549.18
O. F. A. I. Project equipment (Furniture acquired through F. A. I. GRANT)				
		480.24		480.24
P. Investigation of Statistical Problems connected with sediment transportation Project :				
Laboratory equipment acquired out of grant from Indian National Science Academy				
		5,808.05		5,808.05
Q. F. A. R. C. Installation : Delhi				
		19,823.96		19,823.96
F. A. R. C. Installation : Calcutta				
		1,34,659.09		1,34,659.09
Internal Telephone : Calcutta				
		577.04		577.04
R. Survey Research Methodology Project : Calculating equipment acquired out of Grant from I. C. S. R.				
		814.88		814.88
GRAND TOTAL :		6,02,78,156.18	-9,38,437.09	5,93,47,831.54
			+493.45	

NOTES : (g) Represent value of Soviet printing machine received as a gift from the Soviet Academy of Sciences, USSR, which has been made over to the Statistical Publishing Society for utilisation as per agreement.

S. BHARGAVA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANJOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Hataji Subhas Road,
Calcutta-700 021.
21 December, 1961

MANTY, HALDAR & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE IA

STATEMENT OF FIXED ASSETS AS ON 31st MARCH 1991

(ACQUIRED FROM 1st APRIL 1986 ONWARDS OF WHICH NO DEPRECIATION)

Sl. No.	Particulars	Original cost as on 1.4.80	Addition during the year	Deductions/adjustments during the year	Original cost as on 31st March 1991
(1)	(2)	(3)	(4)	(5)	(6)
I. Assets acquired out of Capital Expenditure Grant					
A. Land and Land Development :					
1. Calcutta :					
.. 1	Adhoc payment for acquisition of land at Dupla Niwas	30,00,000.00			30,00,000.00
.. 2	Campus Development work	48,000.00	76,937.38		1,23,937.38
2. Giridih :					
.. ..	Firm Land	71,669.48	1,48,330.26		2,19,999.74
.. ..	Rose Villa	68,833.49	38,428.38		1,07,261.87
.. ..	Health Home		10,000.00		10,000.00
.. ..	Bangalore	7,99,136.70			7,99,136.70
.. ..	Delhi :	13,883.61			13,883.61
	Sub-Total	39,96,922.28	2,72,696.02		42,69,618.30
B. Buildings : (Items 1, 2 to 1, 7, 8, 4 and 6 are works in Progress)					
1. Calcutta :					
.. 1	Boys' Hostel at 205 B.T. Road	2,85,328.00			2,85,328.00
.. 2	Composite Lib. Bldg. at 202 B.T. Road	1,01,74,243.09	3,96,043.78		1,06,70,286.87
.. 3	Staff Quarter at Deluxe Garden 169 GLT Road	28,76,916.45			28,76,916.45
.. 4	Faculty Bldg. at 205 B.T. Road	23,17,818.43			23,17,818.43
.. 5	Administrative Bldg. at 202 B.T. Road	43,76,967.63			43,76,967.63
.. 6	Medical Welfare Bldg. at 205 B.T. Road	6,18,846.80	25,758.07		6,44,604.87
.. 7	Hostel Building (second)	80,82,743.41	7,492.75		80,90,236.16
.. 8	R T 8 Bldg. at 203 B.T. Road		97,860.00		97,860.00
2. Giridih :					
.. 1	Rose Villa	1,38,826.35			1,38,826.35
.. 2	Health Home	3,534.12			3,534.12
.. 3	Boundary Wall	4,128.00			4,128.00
3. Delhi :					
.. ..	Hyderabad :	89,77,464.55			89,77,464.55
.. ..	Bangalore :	46,09,479.93			46,09,479.93
.. ..	Bangalore :	1,31,64,553.54			1,31,64,553.54
	Sub-Total :	4,77,30,943.89	5,27,244.80		4,82,68,188.69

FIFTYNINTH ANNUAL REPORT: 1990-91

SCHEDULE LA—Contd.

Sl. No.	Particulars	Original cost as on 1.4.90	Addition during the year	Deletion/adjustment during the year	Original cost as on 31st March 1991
(1)	(2)	(3)	(4)	(5)	(6)
C. Sheds and Structures :					
1. Giridih :					
1	Petty Construction	91,884.94	—	—	91,884.94
2. Bangalore :					
	Temporary Structure Office Shed ..	84,646.71	—	—	84,646.71
3. Hyderabad :					
	9,988.36	—	—	9,988.36
4. Delhi :					
	12,802.70	6,664.43	—	21,067.12
5. P C Terminal Room 204 B. T. Road					
	—	5,867.78	—	5,867.78
6. P C Terminal Room—IHEC					
	—	5,377.46	—	5,377.46
7. P C Terminal Room for Physics & Chemistry Unit					
	—	10,488.36	—	10,488.36
	Sub-Total :	1,48,970.90	30,817.94	—	1,79,488.84
D. Office Machinery and Equipment :					
1. Calculating, punching and other tabulating Equipment					
	79,963.38	—	—	79,963.38
2. Other Machinery and Equipment					
	10,46,474.49	4,36,689.29	—	14,82,163.78
3. Microfilm, Reprography & Optical Equipment					
	4,08,933.38	2,29,713.90	—	6,38,647.28
4. Laboratory Equipment					
	30,81,269.56	18,06,621.13	—	48,87,890.69
5. Mini Computer at Delhi and Madras					
	11,79,900.00	1,44,824.90	—	13,24,724.90
6. Electronic Computer at Bangalore					
	2,06,30,996.57	18,23,438.99	—	2,24,54,435.56
7. Mini Computer at Bangalore					
	2,88,279.98	—	—	2,88,279.98
	Sub-Total	2,86,64,707.27	44,41,277.21	—	3,10,05,984.48
E. Passenger Lift					
	6,02,693.66	—	—	6,02,693.66
F. Electrical Equipment and Installation :					
1. High Tension Electricity					
	14,62,666.33	5,78,414.35	—	20,40,970.68
2. Electrical Equipment & Fittings					
	39,88,232.76	14,36,990.23	—	44,30,222.99
G. Furniture and Fittings					
	27,38,782.78	9,73,047.26	—	37,11,830.04
H. Motor Cars and Vehicles					
	5,97,691.20	1,14,870.23	—	6,12,661.43
I. Water Supply arrangement					
	14,13,973.41	1,51,522.75	—	15,65,496.16
J. Water Supply Arrangement					
	—	34,344.38	—	34,344.38

INDIAN STATISTICAL INSTITUTE

SCHEDULE 1A—Contd.

Sl. No.	Particulars	Original cost as on 1.6.90	Addition during the year	Deletion adjustments during the year	Original cost as on 31st March 1991
(1)	(2)	(3)	(4)	(5)	(6)
K.	PABX Installation:				
	Calcutta:	2,31,064.80	—	—	2,31,064.80
L.	PABX Installation:				
	Dalhi:	—	81,861.00	—	81,861.00
	TOTAL (I)	8,82,61,808.28	88,22,578.47	—	9,68,83,784.75
II.	Assets acquired out of Current Revenue Expenditure				
	Books and Journals	1,48,86,768.19	53,94,855.21	—	2,02,81,623.40
	GRAND TOTAL (I—II)	10,31,47,966.47	1,40,17,431.68	—	11,71,65,298.15

S. BHATTACHA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANJOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT: 1990-91

SCHEDULE II

SCHEDULE OF INVESTMENT AND INTEREST ACCRUED AS ON 31st MARCH 1991

Particulars	Investment		Accrued Interest Rs. P.	Total	
	Rs. P.	Rs. P.		Rs. P.	Rs. P.
1. Fixed Deposit with United Bank of India	8,80,000.00		12,892.00		
-do- with Grindlays Bank plc. ..	3,00,000.00		—		
-do- with Allahabad Bank ..	23,00,000.00		27,763.40		
-do- with State Bank of India ..	2,00,000.00		3,056.50		
		30,80,000.00		54,312.90	30,74,312.90

S. SUBSHTIA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. DASGUPTA
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Metaji Subhas Road,
Calcutta-700 001.
31 December, 1991.

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE III

LOANS AND ADVANCES AS AT 31st MARCH 1961

Particulars	Rs.	P.
Advances for land	20,848.36	
Security deposit paid	1,11,109.71	
Sundry Debtors (party irrecoverable)	61,880.80	
Charges prepaid	41,86,686.28	
Marginal deposit	14,18,695.98	
Cautions Money for Electric Meter	6,810.00	
Students Benefit Fund	880.00	
Staff insurance (Orizh and Delhi)	3,653.86	
C.T.D. (Orizh)	8,171.71	
Education loan	892.00	
House Building loan (old)	42.00	
Relief loan (food and drought)	53,684.94	
Advance against T.A.	8,84,585.88	
Advance against L.T.O.	1,37,864.67	
Yen Advance	6,697.46	
Advance against purchase of Cycle and Scooter	20,063.23	
Suspense and Advance (Staff and Others)	3,03,382.08	
Suspense and Advance (party)	48,66,114.55	
Festive advance to staff	3,96,650.60	
Departmental Imprest	36,818.67	
Bookbinder Foundation Fund	87,843.08	
	<u>1,19,66,894.37</u>	

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1961

HANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT: 1990-91

SCHEDULE IV

LIABILITIES AND ASSETS OF OTHER FUNDS AS ON 31st MARCH 1991

Liabilities Rs. P.	AMOUNTS	Name of Fund	AMOUNTS	Assets Rs. P.
1,50,74,780.39	A	1. Statistical Quality Control Development Fund	A	1,50,74,780.39
3,32,148.38	B	2. Development Fund	B	3,32,148.38
42,149.38	C	3. Mahalanobis International Symposium on Statistics Prize Fund	C	42,149.38
40,928.20	D	4. Daniel Thorner Memorial Fund	D	40,928.20
15,846.45	E	5. Endowment Fund for lecture in Economics	E	15,846.45
23,049.30	F	6. Indian Statistical Institute Alumni Association Prize Fund	F	23,049.30
<u>1,55,18,701.08</u>				<u>1,55,18,701.08</u>

S. SENGUPTA
Accounts Officer

S. R. PANJA
Accounts Officer

P. K. BANJOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

ANNEXURE A

(Annexure A, Forming part of Schedule IV of the Accounts of the Institute)
"Statistical Quality Control Development Fund"

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1991

Previous Year Ra. P.	Expenditure	Current Year Ra. P.	Previous Year Ra. P.	Income	Current Year Ra. P.
2,11,797.70	To Computer Consumables & revenue expenses	2,34,498.22	12,34,489.52	By Interest on Investment	11,84,054.51
9,22,891.92	** Excess of Income over Expenditure	9,49,459.22			
12,34,489.82		11,84,054.51	12,34,489.52		11,84,054.51

BALANCE SHEET AS AT 31ST MARCH 1991

Previous Year Ra. P.	Liabilities	Current Year Ra. P.	Previous Year Ra. P.	Assets	Current Year Ra. P.
1,50,38,191.43	As per last account	1,73,99,148.41	5,06,029.05	1. Fixed Asset :	19,32,234.89
9,22,891.22	Add: Excess of Income over Expenditure	9,49,459.22		2. Investment in Fixed Deposit	1,12,89,000.00
	Add: Excess of SQC receipts over Ra. 7,00,000.00 transferred from current expenditure account	12,99,369.38	1,16,88,000.00	3. Current Assets :	
8,35,406.49		12,99,369.38		.1 Interest accrued but not due on Fixed Deposit	1,48,173.82
1,77,88,288.94		1,96,47,992.01		.2 Suspense Account (Asian Congress on Quality & Reliability)	—
	Less: Fund Utilised by the Institute	46,78,181.82	1,48,438.27	.3 Bank balance forming part of Institute's Cash & Bank balance with Schedule VI	17,16,271.47
3,97,148.43		1,50,74,780.39	1,50,000.00		
1,73,96,148.41		1,50,74,780.39	49,98,992.09		1,50,74,780.39

S. SINGHPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANJOPADHYAY
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N. BHATTACHARYA
Officiating Director

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21 December, 1991

NANDY, HALDEN & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

ANNEXURE B

(Annexure B, Forming part of Schedule IV of the Accounts of the Institute)
"DEVELOPMENT FUND"

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 1991

Previous Year Rs. P.	Expenditure	Current Year Rs. P.	Previous Year Rs. P.	Income	Current Year Rs. P.
21,120.00	To Excess of Income over Expenditure	19,184.42	21,120.00	By Interest on Investment	19,184.42
<u>21,120.00</u>		<u>19,184.42</u>	<u>21,120.00</u>		<u>19,184.42</u>

BALANCE SHEET AS AT 31ST MARCH 1991

Previous Year Rs. P.	Liabilities	Current Year Rs. P.	Previous Year Rs. P.	Asset	Current Year Rs. P.
	Fund :		—	1. Fixed Asset :	
2,81,843.94	As per last account	3,02,963.94	1,92,000.00	2. Investment in Fixed Deposit	1,92,000.00
21,120.00	Add : Excess of Income over Expenditure	19,184.42		3. Current Asset :	
			1,921.22	.1 Interest accrued but not due on Fixed Deposit	2,798.00
			1,99,042.69	.2 Bank Balance forming part of Institutes Cash and Bank Balance with Schedule VI	1,26,350.36
<u>1,02,963.94</u>		<u>3,22,148.36</u>			<u>3,22,148.36</u>

S. SEVOTIYA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

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31 December, 1991

NANUV, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

ANNEXURE C

(Annexure C, Forming part of Schedule IV of the Accounts of the Institute)
 "Mahalanobis International Symposium on Statistical Price Fund"

INCOME AND EXPENDITURES ACCOUNT FOR THE YEAR ENDED 31st MARCH 1961

Previous Year Rs. P.	Expenditure	Current Year Rs. P.	Previous Year Rs. P.	Income	Current Year Rs. P.
2,877.86	To Excess of Income over Expenditure	3,922.66	2,877.86	By Interest on Investment	3,922.66
<u>2,877.86</u>		<u>3,922.66</u>	<u>2,877.86</u>		<u>3,922.66</u>

BALANCE SHEET AS AT 31st MARCH 1961

Previous Year Rs. P.	Liabilities	Current Year Rs. P.	Previous Year Rs. P.	Asset	Current Year Rs. P.
	Fund :		—	1. Fixed Asset :	—
25,248.88	As per last account	28,228.73	24,600.00	2. Investment in Fixed Deposits	60,000.00
2,877.86	Add : Excess of Income over Expenditure	3,922.66		3. Current Asset :	
			658.30	.1 Interest accrued but not due on Fixed Deposits	729.80
				.3 Bank Balance forming part of Institute's Cash and Bank Balance with Schedule VI	1,418.78
<u>28,226.73</u>		<u>42,149.38</u>	<u>25,258.30</u>		<u>62,148.58</u>

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BHANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
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31 December, 1961

NANDY, HALDER & GHOSH
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

ANNEKURE D

(Annexure D, Forming part of Schedule IV of the Accounts of the Institute)
"Daniel Thorner Memorial Fund"

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 1991

Previous Year Ra. P.	Expenditure	Current Year Ra. P.	Previous Year Ra. P.	Income	Current Year Ra. P.
	To Honorarium	8,837.00	3,871.28	By Interest on Investment	3,810.20
	.. Travelling Expenditure	4,064.00		By Excess of Expenditure over Income	8,870.80
	Excess of Income over Expenditure				
	<u>3,871.28</u>				
	<u>3,871.28</u>	<u>10,681.00</u>	<u>3,871.28</u>		<u>10,681.00</u>

BALANCE SHEET AS AT 31ST MARCH 1991

Previous year Ra. P.	Liabilities	Current Year Ra. P.	Previous Year Ra. P.	Assets	Current Year Ra. P.
	Fund :			1. Fixed Asset :	
39,510.00	As per last account	43,181.28	36,780.00	2. Investment in Fixed Deposit	40,000.00
3,871.28	Add : Excess of Income over Expenditure	—		3. Current Asset :	
	Less : Excess of Expenditure over Income	8,870.80	798.00	.1 Interest accrued but not due on Fixed Deposit	928.20
		<u>36,310.48</u>		.2 Bank Balance forming part of Institute's Cash and Bank Balance with Schedule VI	—
	Add : loan from the Institute	4,817.72	5,608.28		
		<u>40,928.20</u>	<u>43,181.28</u>		<u>40,928.20</u>

S. BHASKOTTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001
31 December, 1991

NANDEY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

ANNEXURE E

(Annexure E, Forming part of Schedule IV of the Accounts of the Institute)
 "Endowment Fund for Lecture in Economics"

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 1961

Previous Year Rs. P.	Expenditure	Current Year Rs. P.	Previous Year Rs. P.	Income	Current Year Rs. P.
1,129.14	To Excess of Income over Expenditure	1,131.46	1,129.14	By Interest on Investment	1,131.46
1,129.14		1,131.46	1,129.14		1,131.46

BALANCE SHEET AS AT 31ST MARCH 1961

Previous Year Rs. P.	Liabilities	Current Year Rs. P.	Previous Year Rs. P.	Asset	Current Year Rs. P.
	Fund:		—	1. Fixed Asset:	—
12,384.85	As per last account	14,513.99	10,365.00	2. Investment in Fixed Deposit	10,365.00
1,129.14	Add: Excess of Income over Expenditure	1,131.46	861.57	3. Current Assets:	
				.1 Interest accrued but not due on Fixed Deposit	297.00
				.2 Bank Balance forming part of Institute's Cash & Bank Balance with Schedule VI	5,083.46
14,513.99		15,645.45	3,387.42		5,083.46
			14,513.99		15,645.45

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BHADYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
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31 December, 1961

NANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

ANNEXURE F

(Indian Statistical Institute Alumni Association Priso Fund)

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1991

Previous Year Ra. P.	Expenditure	Current Year Ra. P.	Previous Year Ra. P.	Income	Current Year Ra. P.
1,049.30	To Excess of Income over Expenditure	2,000.00	1,049.30	By Interest on Investment	2,000.00
<u>1,049.30</u>		<u>2,000.00</u>	<u>1,049.30</u>		<u>2,000.00</u>

BALANCE SHEET AS AT 31st MARCH 1991

Previous Year Ra. P.	Liabilities	Current Year Ra. P.	Previous Year Ra. P.	Asset	Current Year Ra. P.
	Fund :		—	1. Fixed Asset :	—
20,000.00	Balance as per last account	21,049.30	20,000.00	2. Investment in Fixed Deposit	20,000.00
1,049.30	Add : Excess of Income over Expenditure	2,000.00		3. Current Asset :	
				.1 Interest accrued but not due on Fixed Deposit	49.30
				.2 Bank Balance forming part of Institute's Cash & Bank Balance with Schedule VI	3,000.00
<u>21,049.30</u>		<u>23,049.30</u>	<u>21,049.30</u>		<u>23,049.30</u>

S. SENGUPTA
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21 December, 1991

NANDY, HALDER & GANGULI
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INDIAN STATISTICAL INSTITUTE

SCHEDULE V

EXCESS OF RECEIPTS OVER EXPENDITURE (+) AND EXCESS OF EXPENDITURE OVER RECEIPTS (-) BY SECTOR OF MISCELLANEOUS PROJECTS AND ACTIVITIES OF BUDGET OF INDIAN AND OTHER BODIES AS ON 31st MARCH 1991

Project and Activities	Excess of receipts (+) / expenditure (-)				
	Upto 31st March 1990 Rs. P.	for the year Rs. P.	Upto 31st March 1991 Rs. P.		
A. OTHER BODIES :					
1. Estimates of Probabilities of Hospitalisation As per last account	+	12,686.08	—	+	12,686.08
2. International Course on Management of Quality in Connection with Dr. J M Juran As per last account	+	17,836.85	—	+	17,836.85
3. An Investigation of age and related change in the Electrophoretic and Immunoelectrophoretic Components of Serumproteins As per last account	+	87,074.89	—	+	87,074.89
4. Fertiliser Optimal Demand Study Projecting Fertiliser Demand in India As per last account	+	1,89,886.98	—	+	1,89,886.98
5. Project on Exchange Control and Liberalisation As per last account	+	17,027.86	—	+	17,027.86
6. Research Project : Central Place Hierarchy for developing Agricultural Region, Kerala Area As per last account	+	1,400.00	—	+	1,400.00
7. Seminar by Prof. J Karnal under ICSSR As per last account	+	927.13	—	+	927.13
8. Ford Foundation for Energy project As per last account	+	2,960.53	—	+	2,960.53
9. Econometrics Project As per last account	+	15,358.33	—	+	15,358.33
10. Journal of Economic Development Project As per last account	+	2,631.10	—	+	2,631.10
11. Cost benefit Analysis of Rural Electrification Scheme As per last account	+	53,636.22	—	+	53,636.22
12. System Development of Data Processing for Examination Project As per last account	+	28,849.25	—	+	28,849.25
13. Survey of Unorganised Labour in Transport Industry As per last account	+	16.36	—	+	16.36
14. Survey of Foreign Tourists in India As per last account	+	1,44,852.24	—	+	1,44,852.24
15. Project on Health and Socio-Economic Survey in CHDA Area As per last account	+	82,954.63	—	+	82,954.63
16. Project on Contour mapping and Estimation of Geological Parameters As per last account	+	9,122.30	—	+	9,122.30
17. Training course of Afghan Nationals As per last account	+	28,361.90	—	+	28,361.90
18. ICSSR Course on Survey Research Methodology (16th March 1978 to 29th April 1978) As per last account	+	5,278.22	—	+	5,278.22
19. ICSSR Course on Survey Research Methodology (15th January 1979 to 24th February 1979) As per last account	+	8,246.05	—	+	8,246.05

FIFTYNINTH ANNUAL REPORT: 1990-91

SCHEDULE V (Contd.)

EXCESS OF RECEIPTS OVER EXPENDITURE (+) AND EXCESS OF EXPENDITURE OVER RECEIPTS (-) IN RESPECT OF MISCELLANEOUS PROJECTS AND ACTIVITIES OF BUREAUX OF GOVERNMENT OF INDIA AND OTHER BODIES AS ON 31ST MARCH 1991.

Project and Activities	Excess of receipts (+)/expenditure (-)				
	Upto 31st March 1990 Rs. P.	for the year Rs. P.	Upto 31st March 1991 Rs. P.		
20. Summer School on Use of Electronics in Research and Development As per last account	+	3,789.30	—	+	3,789.30
21. ILO/Village Study Project As per last account	+	16,877.86	—	+	16,877.86
22. Project on Strategies for Integrated Rural Development—A case study, North Canara District in Karnataka As per last account	+	7,038.38	- 5,094.50	+	933.88
23. ICSSR Project on Changing Land Relation and Women As per last account	+	168.38	—	+	168.38
24. ICSSR Project on Palyas Changing Society As per last account	+	586.58	—	+	586.58
25. ICSSR Project on Women and Rice Cultivation As per last account	-	1,878.57	—	-	1,878.57
26. Survey and Malaria Project As per last account	+	19,068.99	—	+	19,068.99
27. D.C.N.F.F.M.S. As per last account	+	11,663.55	—	+	11,663.55
28. Rural Survey Project—Cooh Behar As per last account	+	3,459.17	—	+	3,459.17
29. Solar Powered Pump Set As per last account	+	98,062.35	—	+	98,062.35
30. Research Methodology in Economic Theory As per last account	+	3,956.70	—	+	3,956.70
31. Project on Trade Strategies Employment Patterns As per last account	-	370.58	—	-	370.58
32. BICP Project As per last account	+	23,319.07	—	+	23,319.07
33. Consumption of Steel in Unorganised Manufacturing Sector As per last account	+	11,094.10	—	+	11,094.10
34. Price and Distribution Control of Indian Economics As per last account	-	61,187.38	—	-	61,187.38
35. Project on Quantitative analysis of some aspects in Indian Agriculture (a) Dr. A. Radra (b) Shri R. Talwar and other Fellowship	-	85,909.09	—	-	85,909.09
	-	15,302.91	—	-	15,302.91
36. Short and Long Term Project 7th five year plan As per last account	-	7,326.92	—	-	7,326.92
37. Project on Demography As per last account	+	809.80	—	+	809.80
38. Ministry of Finance—Project Credit Planning in Indian Economy As per last account	-	20,118.45	—	-	20,118.45
39. Jodhpur University Project As per last account	+	5,000.00	—	+	5,000.00
40. J. P. Nalk Project of National Fellowship As per last account	+	11,430.00	—	+	11,430.00
41. Study on Market Potential of West Asian Region As per last account	+	26,090.90	—	+	26,090.90
42. Studies on the Tropospheric Propagation As per last account	-	10,871.01	—	-	10,871.01

INDIAN STATISTICAL INSTITUTE

SCHEDULE V (Contd.)

KNOWNS OF RECEIPTS OVER EXPENDITURE (+) AND KNOWN OF EXPENDITURE OVER RECEIPTS (-) IN RESPECT OF MISCELLANEOUS PROGRAMS AND ACTIVITIES OF BUREAU OF GOVERNMENT OF INDIA AND OTHER BODIES AS ON 31st MARCH 1991

Project of Activities	Knowns of receipts (+) / expenditure (-)					
	Upto 31st March 1990		Upto 31st March 1991			
	Rs.	P.	Rs.	P.		
43. Project of Chemical Ecological aspect of Tiger Leopard As per last account	-	8,839.43	—	-	2,526.43	
44. Application of Pattern Recognition and Image Processing Technique to Geological Mapping and Mineral Detection As per last account	+	12,323.13	—	+	12,323.13	
45. Cultural Ecology of Humbeaded Plants As per last account	+	1,356.35	—	+	1,356.35	
46. Distribution cost of LPO Project As per last account	-	11,721.94	—	-	11,721.94	
47. Survey of Fishermen's Households As per last account	+	46,610.30	—	+	46,610.30	
48. Survey of Social Attitudes towards Air Pollution in Calcutta As per last account	+	23,180.54	—	+	23,180.54	
49. Regional Model for Agriculture As per last account	-	1,34,619.27	—	-	1,34,619.27	
50. Positive and Negative effects of Family Planning in India As per last account	+	27,075.70	—	+	27,075.70	
51. Development of Algorithm and Software System As per last account	+	6,35,299.58	-	2,56,580.52	+	3,68,718.06
52. Planning Model As per last account	-	8,905.94	—	-	8,905.94	
53. UNESCO DRTC Expenses As per last account	+	18,788.89	—	+	18,788.89	
54. Computer Spare Project As per last account	+	6,642.93	+	5,352.45	+	11,975.38
55. Collaborative Research between IRI & ONGC As per last account	+	65,566.56	-	3,200.00	+	62,366.56
56. Study on the evaluation of Fish Yield rate fish farms development Agency As per last account	+	15,436.08	-	5,890.20	+	9,735.88
57. National Nodal Centre for Fish Generation Computer System Development FQCS As per last account	+	4,82,309.56	-	77,939.99	+	4,10,269.57
58. Study on the determination of Survival and Growth of seeds As per last account	+	21,689.61	+	1,59,464.84	+	1,81,153.35
59. Equipment for the Institute for Speech Rehabilitation As per last account	-	974.78	—	-	974.78	
60. ICSSR Fellowship (Dr. Mrs. Neeta Mukherjee)	-	2,290.30	—	-	2,290.30	
61. ICSSR Conference on "Popular Economics"	-	500.00	+	500.00	—	
62. Long Term forecasts to the requirements of notes and coins	+	31,739.11	+	6,311.70	+	38,050.81
63. Hindusthan Fertiliser Corporation "Evaluation of Rainfed Farming-IRI-EGOL"	+	1,23,441.25	+	1,68,764.77	+	2,92,206.02
64. Conservery Study of Calcutta Municipal Corporation	+	10,266.00	—	+	10,266.00	
65. Project of "Estimation of Revenue earned and volume of Postal traffic handled by Post Office-Delhi"	+	53,696.63	-	2,983.00	+	50,713.63
66. Status Report on land system analysis-Delhi	+	9,885.00	-	8,527.00	+	1,058.00

FIFTYNINTH ANNUAL REPORT: 1990-91

SCHEDULE V (Contd.)

EXCESS OF RECEIPTS OVER EXPENDITURE (+) AND EXCESS OF EXPENDITURE OVER RECEIPTS (-) IN RESPECT OF MISCELLANEOUS PROJECTS AND ACTIVITIES ON BEHALF OF GOVERNMENT OF INDIA AND OTHER BODIES AS OF 31ST MARCH 1991

Project and Activities	Excess of receipts (+)/expenditure (-)					
	Upto 31st March 1990		Upto 31st March 1991			
	Rs.	P.	Rs.	P.		
67. Perception, performance and potential of Dev. in USRI Water Shed Area ICSSR	+	5,486.71	-	5,226.84	+	240.07
68. Studies on Tropical Boundary Layer Meteorology at Banars ICSSR	+	4,48,038.00	-	66,217.50	+	3,82,410.50
69. ICSSR Fellowship to Dr. Anil Choudhury	+	7,800.00	-	22,912.65	-	15,112.65
70. Book Grant from National Board of Higher Mathematics (NBHM)	+	1,07,888.95	+	2,12,616.79	+	3,20,505.74
71. Production and Economic Evaluation of Leaf Protein	+	95,888.00	-	3,865.35	+	92,122.65
72. ICSSR Fellowship Dr. B S Minhas	-	4,904.00	+	25,884.00	+	30,980.00
73. Administration of Guidance and Consultancy Service in Data Processing	-	—	+	9,753.50	+	9,753.50
74. ICSSR Fellowship Dr. B S Bhat	+	—	-	350.00	-	350.00
Sub-Total : A	+	31,81,102.99	+	5,88,497.85	+	33,97,763.14
		- 3,68,998.46	- 4,89,866.35	- 8,67,057.11		
B. On Behalf of Government of India :						
1. Research and Planning Committee of the Planning Commission for Sociological Studies	—	- 23,755.14	—	- 23,755.14		
2. ISEC Colombo Plan Fellowship	—	- 11,20,629.59	—	—		
Expenditure during the year	9,13,067.92	—	—	—		
Less : Amount received during the year	8,10,991.00	—	- 1,02,066.62	- 12,22,696.31		
3. Ministry of Planning Government of India for National Sample Survey Organisation As per last account Amount received during the year	—	- 4,50,008.03	—	—		
Less : Expenditure during the year	4,44,788.00	—	+	98,513.80	- 3,52,094.43	
Sub-Total : B	-	15,04,992.56	- 3,523.33	- 15,08,545.88		
GRAND TOTAL	+	31,81,102.99	+	5,88,497.85	+	33,97,763.14
		- 19,51,991.08	- 4,93,419.67	- 19,85,503.90		

S. SHYAMPA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANJOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GANGULY
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE VI

DETAILS OF CASH IN HAND AS ON 31st MARCH 1991 AT THE CENTRAL OFFICE AND OTHER OFFICES OF THE INSTITUTE AND BANK BALANCE OF THAT DATE.

	Cash Amount Rs. P.	Amount with Bank (Name of the Bank)	Total Rs. P.
At Central Office (Calcutta)	84,813.00	SBI Shyambaraz 'B' UBI Duploz Branch RBI P/L/C Math Bank Ltd. (Liquidation-doubtful) SBI Delhi 'A' SBI Delhi 'B' Oriental Bank (Savings Account) Allahabad Bank (Credit Balance)	29,725.76 4,79,543.77 5,686.80 2,646.94 1,822.73 805.60 19,689.25 (-18,329.73)
BRANCHES :			
At Delhi	2,693.49	Indian Bank, Delhi Canara Bank, Delhi	89,790.11 10,810.48
Giridih	8,696.43	UBI, Giridih UCO Bank, Giridih	2,005.80 1,624.07
Bangalore	13,266.91	UCO Bank, Bangalore Bank of Baroda, Bangalore	3,22,878.25 66,647.87
Trivandrum	1,263.20	State Bank, Travancore	67,017.35
Coimbatore	294.21	Syndicate Bank, Coimbatore	52,355.85
Madras	4,816.76	SBI, Madras	4,06,344.20
Bombay	7,269.27	SBI, Bombay	13,113.71
Baroda	491.00	Bank of Baroda, Baroda	1,02,718.21
Hydrabad	1,840.92	State Bank of Hyderabad Indian Bank, Hyderabad	1,07,542.87 8,882.00
Pune	2,585.00	SBI, Pune	1,07,811.09*
	87,710.35		18,80,768.90
*Rs. 1,00,000.00 in transit. The above amounts have been shown in the following Balance Sheets and its various funds.			
The Institute	87,710.35	The Institute Statistical Quality Development Fund Development Fund I Mahalanobis International Symposium on Statistics Prize Funds Daniel Thorner Memorial Fund Endowment Fund for lecture in Economics ISI Alumni Assn. Prize Fund Directors Contribution Fund	— 17,16,371.87 125,360.36 1,419.78 — 5,082.48 2,000.00 22,543.04
	87,710.35		18,80,768.90

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. HANDEPANDYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

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Calcutta-700 001.
31 December, 1991.

NANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

SCHEDULE VII

GENERAL FUND AS ON 31st MARCH 1991

Particulars	Amount Rs. P.	Amount Rs. P.
1. Opening Balance	—	17,14,43,508.86
2. Add : Assets acquired during the year	—	—
1. Capital Expenditure grant A/c. As per Schedule IA (Col. 4) Annexed to Balance Sheet	86,22,678.47	
2. Capital expenditure grant A/C. As per Schedule IA (Col. 4) Annexed to Balance Sheet	53,94,865.21	
		1,40,17,481.86
		18,54,60,990.68
3. Less :		
1. Amount written off during the year on fixed Assets	481.43	
2. Amount adjusted during the year for donation/demolition of assets	9,26,452.23	9,26,933.64
		18,45,34,061.99
4. Add : Interest on Investment on Fixed Deposit with Bank,		3,67,062.49
		18,49,01,124.48

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N. DEBTHACHARYA
Officiating Director

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Calcutta-700 901,
11 December, 1991

NANDY, HALDER & GANGULY
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE VIII

DEPOSITS AND LIABILITIES AT 31st MARCH 1961

Particulars	Rs. P.	Rs. P.
Income Tax : Staff		8,42,189.88
-do- Contractors		17,883.89
Library & Circulating Library deposit		3,08,055.44
Laboratory Deposit		50,088.90
Hortal Caution money Deposit		16,976.00
E.C.&F.E.		794.37
G.D.S. Annuity deposit		1,828.50
Machine training deposit		52,575.00
Cumulative time deposit		44,582.70
Statistical Workers Housing Scheme		7,687.38
Workers benefit Fund		1,864.71
Publication Fund		194.37
Membership fee deposit		85,114.29
Earnest money deposit		1,84,288.71
Security deposit		4,97,680.37
Retention money deposit		50,718.58
Tender money deposit		70,176.28
ISI Small Scale Industry Experimental Unit Kalyanree		14,610.37
Director Health Service for purchasing course deposit through UNESCO		8,128.00
Food Grain Advance		1,225.00
Student's Association Advance (Delhi)		2,011.20
Professional Tax		30,399.47
Indian Statistical Institute Cooperative Credit Society		1,20,054.08
Staff Insurance Premium—Calcutta		31,548.76
.. .. . Bangalore		21,856.00
Indian Statistical Institute Cooperative Credit Society (Giridih)		10,668.48
Indian Statistical Institute Contributory Provident Fund		7,77,830.23
Other Liabilities:		
For Building and Construction	7,12,828.58	
Salary and Gratuity Allowance etc.	4,30,341.21	
Rent, rates and taxes	7,21,496.35	
Audit fees	25,000.00	
Stipend and Scholarship etc.	6,53,741.90	
Travelling Allowances	1,85,978.68	
Books and Journals	1,40,633.44	
Laboratory Equipment	4,35,769.34	
Laboratory Stores and Consumables	1,12,256.91	
Electronic Computer at Baranagore	16,48,375.81	
Postage, Electricity etc.	79,111.39	
Electrical Equipment and Fittings and High tension Electricity	3,42,248.14	
Furniture and Fittings	2,59,871.00	
Loan from UBI (Over Draft)	15,00,000.00	
RCC Fund Utilised by ISI	49,70,324.05	
Misc. Expenditure	18,70,487.06	
		<u>1,58,69,463.58</u>
GRAND TOTAL :		<u>1,66,40,750.99</u>

S. SENGUPTA
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Accounts Officer

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N. BHATTACHARYA
Officiating Director

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§1 December, 1961

NANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

SCHEDULE IX

RECEIPTS AND EXPENDITURES IN RESPECT OF CAPITAL EXPENDITURE GRANT RECEIVED FROM GOVERNMENT OF INDIA AS ON 31st MARCH 1991

Particulars	Amount Rs. P.	Amount Rs. P.
1. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF CAPITAL EXPENDITURE GRANT FROM GOVERNMENT OF INDIA		
As per last account (Credit Balance)	58,95,549.31
Add : Grant received during the year	42,00,000.00
		<u>1,00,95,549.31</u>
Less : Assets acquired during the year	58,22,578.47
		<u>(-) 5,27,027.16</u>
Less : Amount adjusted by the Government against Current Year Grant	(-) 5,53,000.00
		<u>(-)13,80,027.16</u>
Less : Stock of Building Materials purchased out of Capital Expenditure Grant		
Balance as on 31.3.91	7,48,064.49
Balance as on 31.3.90	5,81,809.04
		<u>(-) 1,64,275.45</u>
Excess of Expenditure over receipt as on 31.3.91	<u>15,44,302.61</u>

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

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Chief Administrative Officer

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31 December, 1991

NANDU HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE X

1. Fixed Assets :

1.1 The Institute does not have selling right in respect of land and landed properties acquired through the State Government. However, the building (called Ganjihal) situated at 206 B. T. Road, Calcutta was demolished during the year and shown as deletion in Schedule I for Rs. 34,834.00 representing 60% (approx. value of the Building) out of total acquisition cost of Rs. 58,068.00 for Buildings acquired during the year 1957. The said Building was demolished through Contractor for the purpose of Construction of a new Guest House. The salvaged value of the demolished building Rs. 68,200.00 was shown as miscellaneous income of the Institute. During the year two Electronic Computers namely, HEC-234 and EC7023, written down value of which as on 31st March 1991 is Rs. 8,90,618.22 were donated, with the approval of concerned authorities, to National Council of Science Museum, Government of India, as these had outlived their utility.

The system of charging depreciation on fixed assets has been discontinued w.e.f. the year 1987-88 in terms of the suggestion in this regard given by the C&G and accepted by the Council of the Institute. Accordingly, for assets procured during the year 1986-87 and thereafter no depreciation has been charged and actual cost of acquisition has been shown in Schedule IA. For all other assets procured till 31.3.86, written down value as on 31.3.86 have been shown in Schedule I.

2. Investments :

2.1 Investments of the Institute for General and other Funds stand in the name of Indian Statistical Institute with appropriate exhibition of such investments in relative Balance Sheet.

3. Building Materials :

3.1 The actual consumption value of building materials has been shown as capital/revenue expenditure for which these are utilised. In the case of all other Stores materials including Laboratory Stores, Minor Assurances, stationary items, Medicines purchases, farming seeds in Giridih etc. the value of purchases made during the year has been charged to Income and Expenditure Account.

4. Loans and Advances :

4.1 Advances to Suppliers/Contractors includes Rs. 25,313.56 paid and recoverable from M/s. Bharat Overseas Pvt. Ltd., Delhi. Legal action has been taken by the Institute and award of the Court is awaited. Advances to Staff/Workers of the Institute includes Rs. 41,000.00 recoverable from some staff under suspension for which a Court case is pending. An old unreconciled amount of Rs. 294.21 in suspense could not be located as yet. Recovery of Rs. 49,781.87 from M/s. Gum and Shell Factory, Comptore, is considered doubtful and necessary action for adjustment/writing off will be taken with the approval of the Competent Authority.

5. A/BOD with Regional Provident Fund Commissioner :

5.1 The difference of Rs. 12,466.31 under: Additional D.A. Deposits with Regional Provident Fund Commissioner could not be located as yet.

6. Cash and Bank Balance :

6.1 Schedule VI attached to the Balance Sheet indicates the break-up of Cash and Bank Balances. Old balance with RBI, Parliament Street Branch, Delhi, is expected to be settled shortly. Liquidator of Nath Bank Ltd. (in liquidation) informed the Institute that they would inform the position after liquidation proceedings are over. Unrecovered amount, if any, will be written off with the approval of Competent Authority at appropriate time. In the case of Indian Currency cheques, date of receipt of the cheque as well as date of issue of the cheque by the Institute is being entered in the Cash Book and in respect of foreign currency cheques the amount is accounted in the Cash Book on getting debit/credit advice from bank in Indian Rupees.

7. Deposits and Other Liabilities :

7.1 The net balances as usual under the head of accounts have been shown in the list of the year under audit. Total debit balance is Rs. 64,92,407.24 and the credit balance is Rs. 8,53,442.19.

8. Income and Expenditure Account :

8.1 Medical reimbursement expenses include hospital advances paid by the Institute.

8.2 Orders for payment of bonus and a portion of DA for a particular financial year are issued by the Government month after the end of a financial year on the basis of which payments are made. As such the payment is booked in the year in which it is paid.

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8. *Grants :*

8.1 The original plan allocation for 1990-91 was Rs. 250 lakhs which was reduced at the RE stage to Rs. 127 lakhs and balance being transferred to Non-Plan. The reduced grant of Rs. 127 lakhs under plan was allocated to Plan Revenue and Plan Capital for Rs. 85 lakhs and 42 lakhs, respectively.

10. *Statistical Quality Control Development Fund :*

10.1 Institute has decided to expand SQC activities by charging the SQC Development Fund. Steps have already been initiated to construct an office complex in Madras. Total financial involvement for the Madras Project will be around Rs. 20 lakhs. An amount of Rs. 22 lakhs has been earmarked for extending computer facility in all SQC Units. Total amount spent on Fixed Asset is Rs. 19,22,334.80.

10.2 Bills raised on clients for professional services rendered by the Institute are accounted on cash basis as per practice of the Institute.

11. *Donald Thorne Memorial Fund/Endowment Fund for Lectures in Economics :*

11.1 Accounts of the above funds are exhibited in the Schedule IV at Annexures D & E.

19. *Mahalanobis International Symposium on Statistics Prize Fund :*

19.1 Council of the Institute, in its meeting held on 15 September 1988, decided to change the name of the fund to "1974 International Symposium Prize in Statistics".

23. *Capital Commitments :*

23.1 Contracts remaining to be executed on Capital account amount to Rs. 48 lakhs.

24. *Contingent Liabilities :*

24.1 The Institute may be liable to pay additional tax with interest in respect of Gupta Niwas in Calcutta, the amount of which is not readily ascertainable. A case is pending with Calcutta High Court in this respect.

24.2 The Institute is contingently liable to pay claims relating to construction and other works for Rs. 2,00,560.81 and Rs. 2,27,853.00, respectively.

24.3 The deed of acquisition relating to property at "Gupta Niwas" has not yet been executed pending final clearance from the Special Land Acquisition Officer, Govt. of West Bengal. The Institute may be liable to pay additional amount in case the cost of acquisition of Gupta Niwas ultimately exceeds Rs. 30 lakhs.

25. *General :*

25.1 Figures of previous year have been regrouped and rearranged, wherever necessary. In the absence of prior period adjustment account, all transactions pertaining to the past year have been accounted for under concerned head of accounts. Interest on House Building Advance is recovered after loan amount is repaid and same gets funded in the House Building Advance Fund.

S. SENGUPTA
Accounts Officer

R. S. PANJA
Accounts Officer

P. K. BANERJADYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Mahal Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDU, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

APPENDIX A

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT OF "COMPUTER SPARES" SPONSORED BY CSIR, GOVT. OF INDIA (FORMING PART OF SCHEDULE V SL. NO. 64) A/o. No. 311

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	8,860.00	By Grant-in-Aid received during the year	88,760.00
.. Travelling Expenditure	—	By Excess of Expenditure over Income ..	—
.. Contingent Expenses	8,484.85		
.. Other Expenses	28,000.00		
.. Stores and Stationary	54,233.30		
.. Excess of Income over Expenditure ..	5,332.45		
	69,760.00		69,760.00
Income during the year 1990-91	69,760.00		
Expenditure during the year 1990-91 ..	84,174.85		
Total Income upto 31.3.91	8,860.00		
Total Expenditure upto 31.3.91	8,40,874.83		

APPENDIX B

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "PRODUCTION OF ECONOMIC EVALUATION OF LEAF PROTEIN" (FORMING PART OF SCHEDULE V SL. NO. 71) A/o. No. 220

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	1,420.00	By Grant-in-Aid received during the year	67,000.00
.. Travelling Expenditure	38,394.21	.. Excess of Expenditure over Income ..	3,865.35
.. Contingent Expenses	8,533.65		
.. Capital Equipment	5,328.00		
.. Other Expenses	5,962.69		
.. Stores and Stationary	1,425.80		
	60,865.35		60,865.35
Income during the year	67,000.00		
Expenditure during the year 1990-91 ..	60,865.35		
Total Income upto 31.3.91	1,67,000.00		
Total Expenditure upto 31.3.91	64,877.85		

S. SHENOYTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANHOTAPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

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Calcutta-700 001.
21 December, 1991

NANDE, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT: 1960-61

APPENDIX C

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1961 IN CONNECTION WITH THE PROJECT "ICSSR FELLOWSHIP" TO DR. ANIL CHOWDHURY (FORMING PART OF SCHEME V, SL. No. 68) A/c. No. 221

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	39,800.00	By Grant-in-Aid received during the year	17,800.00
.. Travelling Expenditure	10,168.00	By Excess of Expenditure over Income ..	23,512.86
.. Contingent Expenses	201.60		
.. Stores and Stationery	383.15		
	<u>40,712.65</u>		<u>40,712.86</u>
Income during the year 1960-61 ..	17,800.00		
Expenditure during the year 1960-61 ..	40,712.65		
Total Income upto 31.3.61 ..	35,600.00		
Total Expenditure upto 31.3.61 ..	40,712.65		

APPENDIX D

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1961 IN CONNECTION WITH THE PROJECT "STUDIES ON TROPICAL BOUNDARY LAYER METEOROLOGY" AT BENARES ON BEHALF OF BUREAU OF METEOROLOGY, DEPARTMENT OF SCIENCE & TECHNOLOGY, (FORMING PART OF SCHEME V, SL. No. 68) A/c. No. 222

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	24,823.17	By Grant-in-Aid received during the year	—
.. Travelling Expenditure	10,708.30	.. Excess of Expenditure over Income ..	66,317.50
.. Contingent Expenses	7,373.87		
.. Capital Equipment	4,588.55		
.. Other Expenses	660.00		
.. Stores & Stationery	12,973.81		
.. Books and Journals	4,350.00		
	<u>66,317.50</u>		<u>66,317.50</u>
Income during the year 1960-61 ..	NIL		
Expenditure during the year 1960-61 ..	66,317.50		
Total Income upto 31.3.61 ..	4,55,000.00		
Total Expenditure upto 31.3.61 ..	72,689.50		

S. SHENOYA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administration Officer

N. BHATTACHARYA
Officiating Director

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31 December, 1961

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

APPENDIX E

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1961 IN CONNECTION WITH THE PROJECT OF "BOOK GRANT" FROM NATIONAL BOARD OF HIGHER MATHEMATICS
(FORMING PART OF SCHEDULE V, S.L. No. 70) A/c. No. 323

Expenditure	Rs. P. Amount Rs. P.	Income	Rs. P. Amount Rs. P.
To Books and Journals	1,87,383.21	By Grant-in-Aid received during the year	4,00,000.00
.. Excess of Income over Expenditure	2,12,616.79		
	4,00,000.00		4,00,000.00
 Income during the year 1960-61	 4,00,000.00		
Expenditure during the year 1960-1961	1,87,383.21		
Total Income upto 31.3.61	4,00,000.00		
Total Expenditure upto 31.3.61	1,79,494.26		

APPENDIX F

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1961 IN CONNECTION WITH THE PROJECT "DEVELOPMENT OF ALGORITHM & SOFTWARE SYSTEM" ON BEHALF OF MINISTRY OF DEFENCE R & D ORGANIZATION, GOVERNMENT OF INDIA
(FORMING PART OF SCHEDULE V, S.L. No. 31) A/c. No. 342

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Travelling Expenditure	20,813.44	By Grant-in-Aid received during the year	NIL
.. Contingent Expenses	188.00		
.. Capital Equipment	50,123.26	.. Excess of Expenditure over Income ..	2,86,590.52
.. Other Expenses	97,425.00		
.. Stores and Stationery	41,556.87		
.. Books and Journals	48,463.95		
	2,86,590.52		2,86,590.52
 Income during the year 1960-61	 NIL		
Expenditure during the year 1960-61	2,86,590.52		
Total Income upto 31.3.61	37,16,000.00		
Total Expenditure upto 31.3.61	32,86,389.94		

S. SENEUPPA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

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31 December, 1961

NANDU, HALDER & GHOSH
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

APPENDIX G

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "COLLABORATIVE RESEARCH WORK BETWEEN ISI & ONGC (FORMING PART OF SCHEDULE V SL. No. 56) A/o. No. 243

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Travelling Expenditure	1,000.00	By Grant-in-Aid received during the year	NIL
Stores and Stationary	2,300.00	By Excess of Expenditure over Income ..	3,300.00
	<u>3,300.00</u>		<u>3,300.00</u>
Income during the year 1990-91 ..	NIL		
Expenditure during the year 1990-91 ..	3,200.00		
Total Income upto 31.3.91 ..	2,66,000.00		
Total Expenditure upto 31.3.91 ..	2,03,633.44		

APPENDIX H

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "STUDY ON EVALUATION OF PINE YIELD RATE OF PINE FARMS DEVELOPMENT AGENCY" ON BEHALF OF GOVERNMENT OF WEST BENGAL DIRECTORATE OF FORESIRES (FORMING PART OF SCHEDULE V, SL. No. 56) A/o. No. 248

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	5,690.20	By Grant-in-Aid received during the year	NIL
		.. Excess of Expenditure over Income ..	5,690.20
	<u>5,690.20</u>		<u>5,690.20</u>
Income during the year 1990-91 ..	NIL		
Expenditure during the year 1990-91 ..	5,690.20		
Total Income upto 31.3.91 ..	2,40,000.00		
Total Expenditure upto 31.3.91 ..	2,30,284.12		

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

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31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

APPENDIX I

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "NATIONAL NODAL CENTRE FOR SIMULATION COMPUTER SYSTEM DEVELOPMENT" ON BEHALF OF GOVERNMENT OF INDIA, COMPUTER DEVELOPMENT DIVISION, DEPARTMENT OF ELECTRONICS (FORMING PART OF SCHEDULE V, SL. No. 87) A/c. No. 280

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	4,69,134.11	By Grant-in-Aid received during the year	21,00,000.00
.. Travelling Expenditure	28,159.90	.. Excess of Expenditure over Income ..	77,899.99
.. Contingent Expenses	2,94,834.89		
.. Capital Equipment	4,00,634.93		
.. Other Expenses	4,45,899.40		
.. Stores and Stationery	2,59,002.97		
.. Books and Journals	60,883.79		
	<u>21,77,839.99</u>		<u>21,77,839.99</u>
Income during the year 1990-91 ..	21,00,000.00		
Expenditure during the year 1990-91 ..	21,77,839.99		
Total Income upto 31.3.91 ..	52,05,000.00		
Total Expenditure upto 31.3.91 ..	47,84,730.43		

APPENDIX J

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "STUDY OF DETERMINATION OF SURVIVAL GROWTH OF SEEDS" ON BEHALF OF THE DIRECTOR OF FISHERIES, GOVT. OF WEST BENGAL (FORMING PART OF SCHEDULE V, SL. No. 58) A/c. No. 281

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	27,591.25	By Grant-in-Aid received during the year	2 ⁰ ,00,000.00
.. Travelling Expenditure	4,389.60	.. Excess of Expenditure over Income ..	—
.. Contingent Expenses	106.00		
.. Other Expenses	8,549.60		
.. Excess of Income over expenditure ..	1,58,464.64		
	<u>3,00,000.00</u>		<u>3,00,000.00</u>
Income during the year 1990-91	2,00,000.00		
Expenditure during the year 1990-91 ..	40,535.39		
Total Income upto 31.3.91 ..	2,60,000.00		
Total Expenditure upto 31.3.91 ..	78,846.75		

S. SINGH
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANJOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

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31 December, 1991

NANDU, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT: 1990-91

APPENDIX K

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31ST MARCH 1991 IN CONNECTION WITH THE PROJECT "LONG TERM FORECASTS TO THE REQUIREMENT OF NUTRITION AND COORS" ON BEHALF OF RESERVE BANK OF INDIA (FORMING PART OF SCHEDULE V SL. NO. 62) A/c. No. 254

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary and Honorarium	552.00	By Grant-in-Aid-received during the year	7,500.00
.. Travelling Expenditure	30.00	By Excess of Expenditure over Income ..	--
.. Stores and Stationary	806.30		
.. Excess of Income over Expenditure ..	6,111.70		
	<u>7,500.00</u>		<u>7,500.00</u>
Income during the year 1990-91	7,500.00		
Expenditure during the year 1990-91 ..	1,188.30		
Total Income upto 31.3.91	82,600.00		
Total Expenditure upto 31.3.91	44,440.19		

APPENDIX L

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31ST MARCH 1991 IN CONNECTION WITH THE PROJECT "EVALUATION OF RAINFED FARMING-151 & HFCL" SPONSORED BY HINDUSTHAN FERTILISER CORPORATION LTD. (FORMING PART OF SCHEDULE V SL. NO. 63) A/c. No. 265

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	36,399.33	By Grant-in-Aid-received during the year	2,41,500.00
.. Travelling Expenditure	24,871.80	By Excess of Expenditure or Income ..	--
.. Contingent Expenses	7,674.65		
.. Other Expenses	4,998.30		
.. Stores & Stationary	1,338.45		
.. Excess of Income over Expenditure	1,68,754.77		
	<u>2,41,500.00</u>		<u>2,41,500.00</u>
Income during the year 1990-91	2,41,500.00		
Expenditure during the year 1990-91	74,745.23		
Total Income upto 30.3.91	8,91,760.00		
Total Expenditure upto 31.3.91	1,05,658.98		

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BHANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Nalajj Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDE, HALDAR & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

APPENDIX M

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE
PROJECT "ICSSR CONFERENCE ON 'POPULAR ECONOMICS'" (FORMING PART OF SCHEDULE V
Sl. No. 81) A/c. No. 399

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Excess of Income over Expenditure ..	500.00	By Grant-in-Aid received during the year	500.00
		„ Excess of Expenditure over Income ..	—
	500.00		500.00
Income during the year 1990-91 ..	500.00		
Expenditure during the year 1990-91 ..	NIL		
Total Income upto 31.3.91 ..	10,000.00		
Total Expenditure upto 31.3.91 ..	10,000.00		

APPENDIX N

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE
PROJECT "ESTIMATION OF REVENUE RAISED & VOLUME OF PORTAL TRAFFIC RANDED BY PORT OFFICE"
(FORMING PART OF SCHEDULE V Sl. No. 85) A/c. No. 370

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	1,439.00	By Grant-in-Aid received during the year	NIL
„ Travelling Expenditure	1,684.00	„ Excess of Expenditure over Income ..	2,963.00
	2,963.00		2,963.00
Income during the year 1990-91 ..	NIL		
Expenditure during the year 1990-91 ..	2,963.00		
Total Income upto 31.3.91 ..	1,04,000.00		
Total Expenditure upto 31.3.91 ..	83,976.47		

S. BANERJEE
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT: 1990-91

APPENDIX O

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "STATUS REPORT ON LAND SYSTEMS ANALYSIS FOR EVALUATION OF RANGBOURAM AT "MICO LEVEL" (FORMING PART OF SCHEDULE V SL. No. 96) A/c. No. 971

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Travelling Expenditure	7,302.00	By Grant-in-Aid received during the year	NIL
.. Contingent Expenses	467.00	By Excess of Expenditure over Income ..	8,827.00
.. Books and Journals	1,218.00		
	<u>8,827.00</u>		<u>8,827.00</u>
Income during the year 1990-91 ..	NIL		
Expenditure during the year 1990-91 ..	8,827.00		
Total Income upto 31.3.91	20,000.00		
Total Expenditure upto 31.3.91 ..	16,942.00		

APPENDIX P

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "PERCEPTION PERFORMANCE AND POTENTIAL OF DEVELOPMENT IN USRI WATER SEED AREA" (ICSSR) (FORMING PART OF SCHEDULE V SL. No. 97) A/c. No. 284

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	58,789.82	By Grant-in-Aid received during the year	58,800.00
.. Travelling Expenditure	17,790.38	By Excess of Expenditure over Income ..	5,325.54
.. Contingent Expenses	5,834.04		
.. Other Expenses	240.00		
.. Stores and Stationery	338.00		
.. Books and Journals	1,233.30		
	<u>84,025.54</u>		<u>64,025.54</u>
Income during the year 1990-91 ..	58,800.00		
Expenditure during the year 1990-91 ..	64,025.54		
Total Income upto 31.3.91	73,600.00		
Total Expenditure upto 31.3.91 ..	78,350.98		

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GHOSH
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

APPENDIX Q

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE
PROJECT "ADMINISTRATION OF GUIDANCE & CONSULTANCY SERVICES IN DATA PROCESSING"
(FORMING PART OF SCHEDULE V (Pt. No. 73) A/c. No. 398)

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Travelling Expenditure	185.00	By Grant-in-Aid received during the year	10,000.00
.. Contingent Expenses	80.80		
.. Excess of Income over Expenditure ..	9,158.80		
	10,000.00		10,000.00
Income during the year 1990-91 ..	10,000.00		
Expenditure during the year 1990-91 ..	946.80		
Total Income upto 31.3.91	10,000.00		
Total Expenditure upto 31.3.91	946.80		

APPENDIX R

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE
PROJECT "ICSSR FELLOWSHIP (DR.) B S BHAT (FORMING PART OF SCHEDULE V (Pt. No. 74)
A/c. No. 280

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	21,000.00	By Grant-in-Aid received during the year	20,650.00
		.. Excess of Expenditure Over Income ..	350.00
	21,000.00		21,000.00
Income during the year 1990-91 ..	20,650.00		
Expenditure during the year 1990-91 ..	21,000.00		
Total Income upto 31.3.91	20,650.00		
Total Expenditure upto 31.3.91	21,000.00		

S. SENOUPPA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

APPENDIX 8

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "ICSSR STUDY FOR INTEGRATED RURAL DEVELOPMENT A CASE STUDY OF NORTH KANARA IN KARNATAKA" (FORMING PART OF SCHEDULE V SL. NO. 23) A/c. No. 298

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium	1,437.50	By Grant-in-Aid received during the year	NIL
.. Travelling Expenditure	4,657.00	.. Excess of Expenditure over Income ..	6,094.50
	<u>6,094.50</u>		<u>6,094.50</u>
Income during the year 1990-91 ..	NIL		
Expenditure during the year 1990-91 ..	6,094.50		
Total Income upto 31.3.91	22,750.00		
Total Expenditure upto 31.3.91 ..	27,816.13		

APPENDIX T

STATEMENT OF INCOME AND EXPENDITURE DURING THE YEAR ENDED 31st MARCH 1991 IN CONNECTION WITH THE PROJECT "ICSSR NATIONAL FELLOWSHIP" A/c. Dr. B. S. MOHAR (FORMING PART OF SCHEDULE V SL. NO. 72) A/c. No. 279

Expenditure	Amount Rs. P.	Income	Amount Rs. P.
To Salary & Honorarium (Fellowship) ..	44,136.00	By Grant-in-Aid received during the year	70,000.00
Excess of Income over Expenditure ..	25,864.00	.. Excess of Expenditure ..	NIL
	<u>70,000.00</u>		<u>70,000.00</u>
Income during the year 1990-91 ..	70,000.00		
Expenditure during the year 1990-91 ..	44,136.00		
Total Income upto 31.3.91	70,000.00		
Total Expenditure upto 31.3.91 ..	49,040.00		

S. SENGUPTA
Accounts Officer

S. S. PANJA
Accounts Officer

P. K. BANDYOPADHYAY
Chief Administrative Officer

N. BHATTACHARYA
Officiating Director

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

FIFTYNINTH ANNUAL REPORT : 1990-91

AUDITORS' REPORT

We report that we have audited the attached Balance Sheet as at 31st March, 1991 of the INDIAN STATISTICAL INSTITUTE Contributory Provident Fund and General Provident Fund, signed by us under reference to this report and the relative Income and Expenditure Accounts for the year ended on that date with the books and records of the respective Funds maintained by the Institute and produced before us for our verification and on the basis of information and explanations given to us, we have found them to be in accordance there with subject to :

1. Note—1 Regarding interest allowed to members.
2. Note—2 Regarding accrued interest on Investments.
3. Note—4 Regarding a difference of Rs. 1,000/- between General Ledger and P.O.T.D. Register of C.P.F. Account.
4. Note—5 Regarding interest due to G.O.I. amounting to Rs. 1,11,000/- calculated on estimated basis and Net liability Rs. 15,26,797.94 for which no confirmation was made available to us, of C.P.F. Account.
5. Note—6 Regarding Income Tax recoverable Rs. 18,570/- which is doubtful of recovery and no provision has been made in the accounts of C.P.F. Account.
6. Note—7 Regarding difference of serious magnitude between the balances in General Ledger and Members Ledger both in the case of C.P.F. and G.P.F. Accounts. Balances as per Members' Ledgers could not be verified by us.
7. Maintenance of Investment Register and Members' Ledgers need improvement.
8. Closing balances of Loan to Members and Provident Fund Contributions along with accrued interest at the year end have not been confirmed and as explained to us, no Annual Statement of Personal account of the members was sent to the subscribers after completion of Audit as per past practice since 1988-89.
9. Account under adjustment (Net) Rs. 1,998.01 have not been reconciled of C.P.F. Account.

18 Netaji Subhas Road
Calcutta-700 001
31 December, 1991.

For NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

CONTRIBUTORY

As at 31st March 1990 Rs. P.		Fund and Liabilities	BALANCE SHEET	
			Rs. P.	As at 31st March 1991 Rs. P.
<i>Members' Own Subscription :</i>				
	As per last account		87,35,894.41	
	<i>Less :</i> Transferred from CFF to GPF for GPF Options		61,104.98	
	<i>Add :</i> During the year		12,66,806.81	
	<i>Less :</i> During the year CFF to GPF		—	—
	<i>Less :</i> Refunded during the year		65,829.23	
87,35,894.41	<i>Less :</i> Withdrawal for the year		54,000.00	87,90,471.57
<i>Employer's Contribution :</i>				
	As per last account		92,01,309.12	
	<i>Less :</i> Transferred from CFF to GPF for GPF Options		80,101.88	
	<i>Add :</i> From external sources		48,094.07	
	<i>Add :</i> During the year from Institute		12,18,711.54	
92,01,309.12	<i>Less :</i> Refunded during the year		82,182.23	1,03,04,300.65
<i>Members' Voluntary Subscription :</i>				
	As per last account		31,11,775.58	
	<i>Less :</i> Transferred from CFF to GPF for GPF Options		1,000.00	
	<i>Add :</i> During the year		28,41,736.00	
31,11,775.58	<i>Less :</i> Refunded during the year		16,68,500.00	40,85,945.58
<i>Other Deposits (Arrear Pay Comm.) :</i>				
	Opening Balance		3,92,443.55	
	<i>Add :</i> During the year		1,073.63	
	<i>Less :</i> Paid		2,831.30	
3,92,443.55	<i>Less :</i> Transferred from CFF to GPF		2,437.50	3,75,448.58
	DA to CFF			3,40,987.40
<i>Interest Payable :</i>				
	(a) On Members' Own Subscription :			
	As per last account		62,89,581.03	
	<i>Less :</i> Transferred from CFF to GPF for GPF Options		64,430.82	
	<i>Add :</i> During the year		12,49,332.98	
	<i>Less :</i> Paid during the year		1,33,304.97	
62,89,581.03	<i>Less :</i> Withdrawal for the year		16,000.00	64,35,336.73
				<u>3,13,32,440.90</u>

FIFTYNINTH ANNUAL REPORT : 1990-91

PROVIDENT FUND

AS AT 31st MARCH, 1991

As at 31st March 1990 Rs. P.	Property & Assets	Rs. P.	As at 31st March 1991 Rs. P.
	<i>Investment at cost :</i>		
	(a) 5 Yrs. Postal Time Deposit	4,32,85,000.00	
	(b) Fixed Deposit on Allahabad Bank	94,05,547.50	
4,48,28,835.00	On United Bank of India	52,07,000.00	5,08,77,547.50
27,13,544.81	<i>Loan to Members :</i>		28,74,503.18
35,674.00	Relief loan to ISI & NSRO workers		25,314.00
	<i>Current Assets :</i>		
	<i>Interest accrued :</i>		
	(a) On 5 Yrs. Postal Time Deposit	35,08,010.75	
	(b) On Post Office Savings Bank A/c.	5,368.35	
	(c) On United Bank of India Fixed Deposit	2,02,983.00	
38,18,730.10	(d) On Allahabad Bank Fixed Deposit	12,81,534.00	50,96,786.00
	<i>Income Tax recoverable :</i>		
18,570.00	As per last account		18,570.00
—	P.F. Suspense		—

5,78,04,620.66

INDIAN STATISTICAL INSTITUTE

CONTRIBUTORY

BALANCE SHEET

As at 31st March 1960 Rs. P.	Fund and Liabilities	Rs. P.	As at 31st March 1961 Rs. P.
	Brought Forward		3,12,23,440.80
	<i>Interest Payable :</i>		
	(b) On Employer's Contribution :		
	As per last account	70,41,234.80	
	Less : Transferred from CPF to GPF for GPF Options	68,979.96	
	Add : For the year	17,04,185.01	
70,41,234.80	Less : Paid during the year	1,30,217.79	85,37,022.06
	(c) On Members' Voluntary Subscription :		
	As per last account	4,48,331.85	
	Less : Transferred from CPF to GPF for GPF Options	2,052.10	
	Add : For the year	3,91,050.33	
4,48,331.85	Less : Paid during the year	1,05,042.08	6,50,788.00
	<i>Account under adjustment (Net) :</i>		
	As per last account		1,096.01
1,096.01	P.F. suspense A/c		300.00
	<i>Employer's Contribution & Interest thereon of members from CPF to GPF :</i>		
	As per last account	12,87,416.12	
	Add : For options from CPF to GPF	1,48,381.82	
	Less : Paid to G.O.I.	—	
12,87,416.12	Add : Interest payable on above	1,11,000.00	15,36,797.94
1,08,77,556.87	Undistributed Income as per Income and Expenditure A/c.		1,32,34,296.65
44,81,871.00	Amount due to GPF		41,44,198.28
12,48,014.86	Amount due to the Institute		—
<u>5,91,89,084.08</u>			<u>5,94,30,829.14</u>

Note : Opening Balances have been recasted and regrouped as and where necessary.

P. K. CHATTERJEE
Manager/Secretary

MOHAN KUMAR CHAKRABARTY
Member, Board of Trustees

SANAT KUMAR JORDAN
Member, Board of Trustees

FIFTYNINTH ANNUAL REPORT : 1990-91

PROVIDENT FUND

as at 31st March 1991

As at 31st March Rs. P.	Property & Assets	Ra. P.	As at 1991 Ra. P.
	Brought Forward	.. ..	5,78,04,820.68
	Cash and Bank Balance : with scheduled Banks		
	(i) With United Bank of India Dunlop Bridge Branch (in the name of Indian Statistical Institute General Provident Fund) current A/c.	.. ..	2,309.16
4,58,088.85	(ii) Postal Savings Bank A/c.	.. ..	3,88,872.50
3,13,410.11	(iii) With Allahabad Bank Savings A/c.	.. ..	4,56,761.00
345.00	(iv) With United Bank, Dunlop Bridge, Savings A/c.	.. ..	345.00
—	Amount due from the Institute	.. ..	7,77,830.82
<u>3,31,80,034.03</u>			<u>5,94,30,829.14</u>

This is the Balance Sheet referred to in our report of even date.

18 Netaji Subhas Road,
Calcutta - 700 001.
31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

CONTRIBUTORY

INCOME AND EXPENDITURE ACCOUNT FOR

As at 31st March 1960 Rs. P.	Expenditure	As at 31st March 1961 Rs. P.
48,47,768.80	To excess of Income over Expenditure carried down	57,43,750.90
48,47,768.80		57,43,750.90
	<i>To Interest on :</i>	
	(5) CPF Members' Own Subscription	12,48,883.88
	(6) CPF Voluntary Subscription	3,21,550.33
37,18,883.54	(6a) CPF Employer's Contribution	17,03,056.01
		33,74,000.22
1,78,000.00	To Interest on balances dues to the Govt. of India	1,11,000.00
1,08,77,586.87	To balance carried over to Balance Sheet	1,32,34,286.55
		1,87,81,946.77

Note : Opening Balances have been reconstituted and regrouped as and where necessary.

P. K. CHATTERJEE
Manager/Secretary

MIDUN KUMAR CHAKRABARTY
Member, Board of Trustees

SARAT KUMAR JOHNSON
Member, Board of Trustees

FIFTYNINTH ANNUAL REPORT: 1990-91

PROVIDENT FUND

THE YEAR ENDED 31st MARCH 1991

As at 31st March 1990	Income	Rs.	P.	As at 31st March Rs. P.
	<i>By Interest on :</i>			
	(a) 5 Yrs. Postal Time Deposit	47,28,678.90		
	(b) Allahabad Bank Savings Bank A/c.	1,742.86		
	(c) Allahabad Bank Fixed Deposit A/c.	8,48,914.60		
	(d) Post Office Savings Bank	5,358.58		
	(e) United Bank of India Fixed Deposit A/c.	1,68,184.00		
48,47,768.80	(f) United Bank Savings Bank A/c.	8.00		57,48,780.90
48,47,768.80				
90,24,890.61	By amount brought forward from last account			1,09,77,668.67
48,47,768.80	By excess of Income over Expenditure brought down			57,48,780.90

1,38,78,668.41

1,67,31,348.77

This is the Balance Sheet referred to in our report of even date.

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

MARVY, HALDEN & GANOTIS
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

GENERAL
BALANCE SHEET

As at 31st March 1960 Rs. P.	Fund and Liabilities	Rs. P.	As at 31st March 1961 Rs. P.
	<i>Members' Own Subscription :</i>		
	As per last account	1,81,17,868.30	
	Add : Transferred from GPF to GPF for GPF Optees	61,104.93	
	Add : Transferred from VPF subscription for GPF Optees	1,000.00	
	Add : During the year	86,69,893.16	
	Add : From GPF to GPF during the year	—	
	Less : Refunded during the year	11,03,575.50	
1,81,17,868.30	Less : Withdrawal for the year	5,72,400.00	1,81,88,378.93
	 <i>Other Deposits (Arrear of Pay Comm.)</i>	 3,59,370.96	
	Add : Transferred from GPF to GPF	2,437.50	
	Add : During the year	—	
3,59,370.96	Less : Paid during the year	14,798.09	2,47,010.37
	 DA to GPF		 1,33,009.81
	 <i>Interest Payable :</i>		
	On Members' Own Subscription :		
	As per last account	93,37,597.99	
	Add : Transferred from GPF to GPF for GPF Optees	84,450.88	
	Add : Transferred from Interest on VPF for GPF Optees	2,053.10	
	Add : During the year	24,43,435.23	
	Less : Refunded during the year	8,28,708.55	
93,37,597.99	Less : Withdrawal for the year	80,300.00	1,08,76,067.59
 <u>2,88,04,827.85</u>			 <u>3,96,30,087.75</u>

Note : Opening Balances have been rechecked and regrouped as and where necessary.

P. K. CHATTERJEE
Manager/Secretary

MITH KUMAR CHAKRABARTY
Member, Board of Management

ANUP KUMAR ACHARYA
Member, Board of Management

FIFTYNINTH ANNUAL REPORT : 1990-91

PROVIDENT FUND
AS AT 31st March 1991

As at 31st March 1990 Rs. P.		Property & Assets		Rs. P.	As at 31st March 1991 Rs. P.
<i>Investment at cost :</i>					
	(a)	Fixed Deposit on Allahabad Bank .. ..	..	1,43,51,712.90	
1,23,89,615.00	(b)	On United Bank of India .. ..	..	10,70,000.00	1,54,31,712.90
51,87,417.40		<i>Loan to Members :</i>			53,06,861.40
<i>Interest accrued :</i>					
	(a)	On Allahabad Bank Fixed Deposit .. ..	..	17,38,000.00	
19,73,445.00	(b)	On United Bank of India Fixed Deposit .. ..	..	4,04,679.00	
<i>Cash and Bank Balances :</i>					
1,35,031.98	(i)	With Allahabad Bank Savings A/c.			50.46
	(ii)	With United Bank Savings A/c.			797.42
16,87,846.89		Undistributed Income/Transferred from Income and Expenditure Account			22,04,788.29
44,81,671.00		Amount due from CPF			41,44,198.28
<hr/>					<hr/>
2,68,04,827.25					2,95,50,087.75
<hr/>					

This is the Balance Sheet referred to in our report of even date.

18 Noleaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

GENERAL

INCOME AND EXPENDITURE ACCOUNT FOR

As at 31st March 1990 Rs. P.	Expenditure	As at 31st March 1991 Rs. P.
12,17,498.00	To excess of Income over expenditure carried down	19,39,463.83
12,17,498.00		19,39,463.83
7,88,660.53	To amount brought forward from last account	16,57,346.89
91,36,884.37	To Interest on : (i) GPF Members' Own Subscription	94,43,456.33
29,05,544.89		41,31,272.11

Note : Opening Balances have been recasted and regrouped as and where necessary.

P. K. CHATTERJEE
Manager/Secretary

MISHR KUMAR CHAKRABARTY
Member, Board of Management

AJAY KUMAR AGRAWAL
Member, Board of Management

FIFTYNINTH ANNUAL REPORT : 1960-61

PROVIDENT FUND

THE YEAR ENDED 31st MARCH 1961

As at 31st March 1960 Rs. P.	Income	Rs. P.	As at 31st March 1961 Rs. P.
<i>By Interest on :</i>			
	(a) Allahabad Bank Savings A/c.	1.00	
	(b) Allahabad Bank Fixed Deposit A/c.	17,54,578.40	
12,17,698.00	(c) United Bank of India Fixed Deposit A/c.	1,71,891.00	
	(d) United Bank of India Savings Bank A/c.	13.43	
<u>12,17,698.00</u>			<u>19,26,483.83</u>
—	By amount brought forward from last account	—	—
12,17,698.00	By excess of Income over expenditure brought down	—	19,26,483.83
16,87,844.89	By balance carried over to Balance Sheet	—	22,04,788.96
<u>29,05,544.89</u>			<u>41,31,973.11</u>

This is the Balance Sheet referred to in our report of even date.

18 Netaji Subban Road,
Calcutta-700 001.
31 December, 1961

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE I

*Notes on Accounts of Indian Statistical Institute Contributory
Provident Fund and General Provident Fund*

1. Keeping with the past practice and in accordance with the Indian Statistical Institute CPF and OPF rules, while interest credited to the Income and Expenditure account pertains to the year 1990-91, interest allowed to members of CPF and OPF balances pertains to the previous financial year of 1989-90.

2. Interest accrued on investment in Postal Time Deposit and Fixed Deposit with Allahabad Bank and UFB Bank of India has been accounted for on average basis as per past practice i.e., for investment upto 15th of a month, interest for the full month has been computed whereas for investments beyond 15th, interest for the remaining period of the month has been ignored.

3. There is difference of Rs. 4,588.16 since 1984-85 between the balance as extracted from the register of relief loan to IRI and NSRO workers. Difference is under scrutiny.

4. There is difference in the investment of Postal Time Deposit for Rs. 1,000/- between General Ledger and P.O.T.D. register. Scrutiny on top priority basis being made but could not be produced to the auditor. As soon as same will be detected it will be intimated to the auditors without deferring for the next year.

5. Consequent upon exercise of option to OPF from CPF, the amount lying at the credit of CPF subscribers as Employer's Contribution and interest thereon becomes payable to the Government of India. Same as calculated in the current year including interest payable to Govt. of India upto 31.3.91 comes to Rs. 15,38,797.94.

6. Income Tax recoverable for Rs. 18,570/- coming for more than 10 years and matter is lying between Institute and Govt. of India about the reimbursement. Permission of Govt. of India sought for by the Institute but reply is yet to be received.

7. The difference between balance as per Members' Ledger and General Ledger on different heads of accounts for CPF and OPF was of considerable magnitude during 1989-90, as revision of option was opened during 1987-88 and 1988-89 and full impact could not be given in General Ledger. The difference is under scrutiny and efforts are being taken to locate the differences. Position as 31.3.91 are given below.

1990-91 G.P.F.	Balance as per Members Ledger	Balance as per General Ledger	Difference
1. Members Own Subscription	1,82,07,839.43	1,82,96,969.90	(-) 89,130.37
2. Interest on Members Own Subscription	1,09,81,868.98	1,08,76,967.58	(+) 10,90,901.40
3. Loan to Members	58,75,474.20	56,05,861.40	(+) 2,69,612.80
4. Other Deposits	3,90,583.54	3,47,010.37	(-) 54,473.17
G.P.F.			
1. Members Own Subscription	96,35,367.80	97,90,471.87	} 3,40,997.40 (- 36,08,161.37)
2. D.A.P.F.			
3. Intt. on Members Own Subscription	61,61,188.68	64,35,336.73	(- 2,64,048.06)
4. Employer's Contribution	1,06,61,002.00	1,03,04,360.86	(+) 3,48,641.14
5. Interest on Employer's Contribution	81,30,073.37	85,37,923.08	(- 4,08,849.71)
6. Voluntary Provident Fund	43,75,063.27	40,83,946.58	(+) 3,91,116.69
7. Interest on V.P.F.	7,17,881.88	6,59,788.00	(+) 58,093.88
8. Loan to Members	24,53,534.44	22,74,503.16	(-) 1,79,031.28
9. Other Deposits	1,56,647.97	2,78,448.58	(- 1,21,800.61)

FIFTYNINTH ANNUAL REPORT : 1960-61

8. As per past practice Annual Statement of personal account of members is sent in due course of time requesting the members to raise, if any, dispute within 15 days from the receipt of the statement. It is considered that the statement is correct, if no such objection is received.

P. K. CHATTERJEE
Manager/Secretary

MINIH KUMAR CHAKRABARTI
*Member, Board of Trustees
and Board of Management*

A. K. ANSARI
*Member, Board of Trustees
and Board of Management*

S. K. JORDAR
Member Board of Trustees

18 Netaji Subhas Road
Calcutta-700 001.
31 December, 1961

NANDY, HALDER & GANGULI
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

EXPLAN OF THE ADMINISTRATION OF AUDITORS' REPORT OF THE ANNUAL ACCOUNTS OF ISI OFF AND THE ISI OFF FOR THE YEAR 1990-91.

1. The position has been explained in the note 1 of schedule I. The declaration of interest in the beginning of the year is possible only if the Government agrees to apply the same rate of interest applicable for Central Govt.
2. The position is stated in note 2 of schedule I.
3. The difference is under scrutiny.
4. The calculations have been made as per past practice.
5. The present position is stated in note 6 of the schedule.
6. This is being looked into.
7. Noted.
8. Question of confirmation is not possible now, for, the year 1990-91 will be declared by the Boards as per the usual practice only after the adoption of audited accounts for the year.
9. This refers to years 1980-81 and earlier. However, the matter is being looked into.

FIFTYNINTH ANNUAL REPORT : 1990-91

CANTREEN

BALANCE SHEET AS AT 31st MARCH 1991

1989-90 Ra. P.	Liabilities	1990-91 Ra. P.	1989-90 Ra. P.	Assets	1990-91 Ra. P.
<i>Capital Fund :</i>					
3,352.44	As per last account	3,352.44	7,854.00	Closing Stock (as taken value certified by the In-charge, Canteen)	925.40
11,985.27	Sundry Creditors	23,970.95	1,027.85	Cash-in-hand (as per A/c. and certified by the In-charge, Canteen)	1,864.40
122.50	Suspense Account	122.50	455.00	Deposits with Bhabananda Dawn for Supply of Cold Drinks	455.00
			228.00	Deposits with Milk Commissioner and Others	228.00
				Balance transferred from Income and Expenditure Account :	
				Excess of Expenditure over Income for 1989-90	5,985.55
				Add : Excess of Expenditure over Income for the year	18,074.43
			5,985.55		23,970.98
<u>16,460.21</u>		<u>27,445.89</u>	<u>15,460.31</u>		<u>27,445.89</u>

A. MONDAL
Station Officer Canteen
Indian Statistical Institute

B. K. SAMA
Executive Officer
Indian Statistical Institute

Auditors Report :

We have audited the attached Balance Sheet of Indian Statistical Institute Canteen as at 31st March 1991 and the Income and Expenditure Account for the year ended on that date, annexed hereto, with the books and records maintained and produced for our verification and have found them to be in agreement therewith. In our opinion and according to information and explanations given to us, the said accounts give, subject to our observations herein below, respectively a true and fair view, in case of the Balance Sheet of the state of affairs of canteen as at 31st March 1991 and in case of the Income and Expenditure Account of the excess of Expenditure over Income for the year ended on that date.

Our Observations :

1. Expenses on salary, contribution to Provident Fund, Electricity charges and facilities like accommodation, use of furniture and equipments etc, have been provided by the Institute free of cost and have not been considered in these accounts.
2. Physical Verification of closing stock was not carried out by the Canteen Management at the end of the year as such discrepancies, if any, between the physical and the book balance could not be ascertained.
3. Despite Auditors' observations in earlier years, Suspense Account balance of Rs. 122.50 (cr.) representing Trial Balance difference pertaining to the year 1983-84 has not yet been reconciled adjusted.
4. Parallel records for Utensils, Furniture and fixtures and Store Materials supplied by the Institute have neither been maintained nor were these physically verified during the year under review.
5. In our opinion, maintenance of books and records and internal control needs further improvement.

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1991

NANDU, HALDER & GHOSH
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

CANTEEN

INCOME AND EXPENDITURE ACCOUNTS FOR THE YEAR ENDED 31st MARCH 1961

1960-61 Rs. P.	Expenditure	1960-61 Rs. P.	1959-60 Rs. P.	Income	1960-61 Rs. P.
6,167.27	To Opening Stock	7,854.00	2,17,179.00	By Sale	2,60,161.84
43,934.88	.. Diesel Oil	43,747.60		..	
64,038.63	.. Tea and Milk	66,861.11		.. Subsidy received from	
60,517.00	.. Channa and Khir	69,160.00	2,61,567.00	.. Indian Statistical Institute	2,88,672.00
55,088.79	.. Buns, Jelly, Cake etc.	73,403.35			
3,493.00	.. Cold Drink	3,066.00	7,854.00	.. Closing Stock	928.40
	Raw materials (Deter soaps, .. sugar etc.)	2,70,047.31		.. Excess of Expenditure over	
2,22,661.05	.. Carriage and Cartage	1,848.00	—	.. Income transferred to	
1,813.50	.. Cleaning material expenses			Balance Sheet	18,074.43
1,938.00	.. Miscellaneous Expenses	2,239.65			
1,164.65	.. Printing and Stationery	—			
194.00	.. Staff Tiffin	7,399.75			
6,085.15	.. Repairing charges	—			
5.00	.. Loading and unloading charges	245.00			
191.00	.. Excess of Income over .. Expenditure	—			
19,612.78					
4,86,59.00		5,45,674.67	4,88,990.80		5,45,674.87

NOTE: Expenses on Salary, Contribution to Provident Fund, Electricity charges etc. are borne by the Indian Statistical Institute. Facilities like accommodations, use of Furniture and Equipment are also provided by the Institute free of charge.

A. MONDAL
Section Officer Canteen
Indian Statistical Institute

B. K. SAMA
Executive Officer
Indian Statistical Institute

18 Netaji Subhas Road,
Calcutta-700 001.
31 December, 1961

NANDY, HALDER & GANGULI
Chartered Accountants

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ANNEXURE

AUDITORS' OBSERVATIONS

OBSERVATION OF AUDITORS FOR BEING ATTACHED TO AND FORMING PART OF THE REPORT OF THE ACCOUNTS OF THE INDIAN STATISTICAL INSTITUTE FOR THE YEAR ENDED 31st MARCH 1991 AND REPLIES OF THE ADMINISTRATION, IN ITALICS
TERRIBUS SERRILUXUM NERUW.

1. Fixed Assets :

(a) No physical verification of the Fixed Assets and Books and Journals in Library situated at Head Office and branches was conducted during the year and as such discrepancies, if any, between the physical balances and book balances could not be ascertained at the year end.

(a) *Noted. Steps will be taken to conduct physical verification of Fixed Assets by stages.*

(b) The Institute has maintained a Fixed Assets Register showing full particulars including quantitative details and situation of fixed assets acquired upto 31.3.1988. However, the written down value as per General Ledger balances has not been reconciled with balances as per Fixed Assets Register at the year end.

As explained to us in respect of fixed assets acquired since 1.4.88 the internal control is being maintained through form GFR-19 submitted to the Government of India, regarding the assets acquired during the year out of grant received from Govt. of India, in every year after the completion of the audit.

(b) *The work to reconcile the balance as per Fixed Assets Register with depreciated value has already been taken up. In view of the large volume of work and paucity of staff the progress is however, slow. It is expected that the work will be completed by the end of the current year.*

3. Investments :

The Institute has maintained Investment Register and the investments have been physically verified at periodic intervals.

No Comments.

3. Stock of Sundry Materials :

The Stock of Sundry Materials have been physically verified at the year end. The discrepancies found in the physical verification are not material and have been properly adjusted in the accounts. The closing balances include some very old items lying unused for a long time. Efforts should be taken to utilize or write off at an early date.

A list of very old unserviceable items has recently been prepared which will be disposed of after obtaining Government approval.

4. Loans and Advances :

Our observation in relation to huge amount of advances remaining outstanding for recovery are as under :

(a) These advances include many old advances which are being carried forward from several years without effecting any recovery adjustment some of which may be doubtful of recovery.

(b) The age wise analysis of these old advances have not been made. Necessary action should be taken to identify doubtful advances and suitable provision is required to be made in the accounts.

(c) Instances have been noticed that fresh advances have been given to persons without first clearing the earlier advances.

(d) It was observed that in some cases recoveries of loans and advances was not being made regularly as stipulated.

(e) Sundry debtor balance of Rs. 81,860.80 classified as doubtful for which no provision has been made in this account.

(f) While scrutinizing advances of various outstation branches, it was observed that the branches maintain record of advances made and amounts realised during the year only and do not reflect opening or closing balances which are in the books of Head Office. Owing to incomplete maintenance of records, the Branches are unable to exercise full control on the advances and its recoveries.

(a to f) Actions are being taken by the administration to recover old advances and during the year under audit an amount of Rs. 13,425.00 (approx.) has been recovered from 36 workers from their salary bills and terminal dues. However, observations of Audits are noted for further action.

INDIAN STATISTICAL INSTITUTE

(g) Travelling advance Rs. 8,54,886.88

The list of travelling advance consists of many old balances both debit and credit, which are being carried forward for a number of years needs adjustment/scrutiny. No break up is available in respect of TA advance outstanding in the name of staff of branches. It was explained that this was due to non-submission of account by the employees in time. Therefore, unless such advances are adjusted within the year itself the travelling expenses as shown in the Income and Expenditure Account would be understated to that extent and the corresponding asset would be overstated to that extent, thus revealing a position which may not be true. In our opinion, the administration should make positive and rigorous efforts to ensure that the backlog is cleared immediately without further loss of time.

In many cases, it was observed that fresh advances were given without first realising the earlier advances.

Steps are taken to adjust/recover outstanding T.A. advances. Some of the old advances have been adjusted/recovered. Generally no second advance is given to a worker without first realising the earlier advances except in case of emergency and involving air journeys in quick succession.

(b) Suspense and Advances (Staff and Others) Rs. 3,02,383.06 (Net Debit)

(i) The above balance has been shown net after deduction from total debit balance of Rs. 11,41,584.87 the total credit balance of Rs. 7,79,502.89.

(ii) The difference of Rs. 284.51 between General Ledger and Personal Ledger Balances has not been reconciled.

(iii) Our scrutiny revealed that some of these balances, both debit and credit are very old and continue to appear in the Balance Sheet year after year without any scrutiny/adjustment. Immediate effort should be made to adjust this.

(i) Suspense and Advance (Party) Rs. 42,66,114.65 (Net Dr.)

(i) The above balance has been shown Net after deducting from total debit balance of Rs. 43,50,538.06 total credit balance of Rs. 84,423.51.

(ii) Our scrutiny revealed that long outstanding balances, both debit and credits are very old and continue to appear year after year in the Institutes Balance Sheet without any scrutiny/adjustment. In our opinion immediate attention should be given to clear these balances.

(iii) The above balance includes Rs. 25,13,339.78 (Debit) paid to Statistical Publishing Society which has since been taken over by the Institute.

Adjustment and recovery of advance are continuous processes. While old suspenses/advances are recovered/adjusted in some cases, some suspenses/advance given during the year under audit have remained to be adjusted/recovered. However, the accumulated advance of Rs. 25 lakhs (approx.) commencing from 1978-80 given to S.P.S. against printing work to be undertaken on behalf of the Institute will be adjusted against bills to be raised by the S.P.S. for work already done.

(j) Security Deposit paid Rs. 1,11,109.71

Our scrutiny revealed that long outstanding balances, which are very old continue to appear year after year in the Institutes' Balance Sheet without any scrutiny adjustment. In our opinion immediate attention should be given to clear these balances.

These deposits made in connection with electric supply/trend deposit etc. and shall continue to remain as such. The small amounts which is not to be continued as Security Deposit will be charged to the appropriate accounts with due approval of the authority.

(k) Relief Loan (Flood and Drought) Rs. 62,634.64 (Dr.)

Out of above amount Rs. 49,904.64 being very old includes paid to NBSO Staff for which no detail list was made available to us. In our opinion immediately detailed list should be prepared.

An amount of Rs. 12,000 (approx.) was recovered in the year under Audit on the basis of available list.

5. Project and Miscellaneous Activities :

(i) Surplus/Deficit balances in respect of completed projects have not been transferred to General Fund/Research Fund as decided by the Council of the Institute.

(ii) In respect of completed projects necessary action should be initiated by the Institute for the recovery of the old outstanding dues.

The matter is under process.

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6. Building Materials (Cement) :

(i) During physical verification of Cement Stock with book records of Calcutta on 31.3.91 by the Engineering Department of the Institute an obsolete stock of Cement of about 583 M. T. valued at Rs. 8.05 lakhs (approx.) reported to have been damaged/damaged due to rains and other reasons long time back, being carried forward in the inventory without any effort to make suitable adjustments for its write off after obtaining Government permission. However, no satisfactory explanations was furnished to us by the Administration even this year.

(ii) At Delhi : Previous auditors detected shortage of 383 bags of Cement reported to have been damaged due to rains and subsequently of having been destroyed without proper authorisation. However, no satisfactory explanation was furnished to us by the Administration even this year.

(i & ii) *Investigation of the matter being complete, the Council of the Institute will be approached for a decision as to writing off the amount and other ancillary action.*

(iii) Efforts should be taken to obtain Confirmation Certificates for Building Materials such as Cement and steel lying with Contractors.

(iii) *Noted. Action will be taken as suggested.*

7. Cash and Bank Balances :

(a) The following Bank Balances continue to appear in the Balance Sheet of the Institute for a long time. In absence of Bank Confirmation Certificates these could not be verified.

Nash Bank Ltd. (in liquidation)	Rs. 3,546.94
S.B.I. (Delhi 'A')	Rs. 1,531.73
S.B.I. (Delhi 'B')	Rs. 688.50

(b) From the perusal of Schedule VI Cash and Bank Balances, it appears that Cash and Bank Balance shown in the Institute's Balance Sheet i.e. Rs. 87,710.35 and Rs. NIL respectively.

All the information and certification required by S.B.I. have been furnished. It is expected that the old balance with S.B.I., Parliament Branch, Delhi, is expected to be settled soon.

Liquidator of Nash Bank Ltd. (in liquidation) had informed the Institute that they would inform the position after liquidation proceedings were over by a letter dated 6.11.90 and dividend, if any was declared by Hon'ble High Court. Further information from them is yet to be received.

8. Stock of Medicines with MERU :

Stock register maintained by Dispensing Unit requires improvement.

Noted.

9. Deposits And Liabilities : Rs. 1,85,40,750.99 (Balance Sheet Liabilities side : Schedule VIII) :

Our scrutiny revealed that many old balances are being carried forward in the Institute's Balance Sheet year after year without any scrutiny/adjustment. In our opinion necessary action should be taken to settle these liabilities as early as possible.

Schedule of Liability is examined from time to time for settlement of old items.

10. Internal Audit System Prevailing in the Institute :

No specific terms of reference and extent of coverage has been determined and hence the extent of coverage was found to be partial. The system of Internal Audit prevailing in the Institute is in our opinion inadequate and should be strengthened.

The suggestion is noted. A study would be made to determine the extent of coverage and appropriate action would be taken to strengthen Internal Audit in the light of the study.

INDIAN STATISTICAL INSTITUTE

11. Income and Expenditure Account

(i) Allocation of Expenses between 'Plan and Non-Plan': Allocation of Expenses between Plan and Non-Plan is made by the Institute according to its own conventions.

(ii) Leave Travel Concession Rules followed by the Institute are different from the Central Govt. Rules. In our opinion, there is no reason why the rules followed by the funding authority, i.e. Govt. should also not be followed by the Institute.

(iii) Effort should be taken for early realization of outstanding bills for BQC activities.

(iv) Internal control in respect of purchase and maintenance of records for Computer consumables needs to be strengthened.

(i) No Comments.

(ii) This matter is still under examination.

(iii) & (iv) Noted and action would be taken as suggested.

12. Effort should be taken to verify/identify:

(i) Very old and obsolete stores/materials lying in Central Stores. (ii) Old Laboratory equipments which has outlived their utility. Effect of such verification should be given effect in the accounts to show a clear view of the assets.

The work has already been taken up.

13. Periodical physical verification should be conducted in respect of Medical Stores, Stationary items and other various types of high value items (including assets acquired out of Project Funds).

Noted.