

FIFTYFIFTH ANNUAL REPORT : 1986-87

Professor T. J. Rao (Stat-Math) attended the Annual Conference of the Calcutta Statistical Association on 20 December 1986 and presented a paper. He also attended the 43rd round working group meeting of the National Sample Survey as a Member of the group.

Dr. N. S. N. Sastry (Stat-Math) visited the Institute for Mathematical Sciences, Madras during December 7, 1986 to January 6, 1987 to attend the lectures of Professor John Thompson.

Professor A. Sitaram, Dr. T. S. S. R. K. Rao and Dr. S. Ramasubramanian (Stat-Math) gave series of lectures in the Summer School on Analysis and Probability organised by the Stat-Math. Division at Calcutta during the period 28 May 20 June 1986.

Dr. S. Ramasubramanian (Stat-Math) gave two lectures on "Introduction to Diffusions" in the Department of Statistics, Mangalore University, in January 1987. He gave a few lectures on "Brownian Motion and the Laplacian" at the UGC sponsored All-India Instructional Seminar on Probability and Stochastic Processes held at Annamalai University, Annamalainagar, during the period 26 February—6 March 1987.

Dr. R. Bhatia (Stat-Math) attended the International Conference on Invariant Subspaces and Related Problems, University of Delhi, 15-19 December 1986. Gave an invited lecture on "Some inequalities for norms of operators".

Dr. R. Bhatia, gave lecture on "Majorisation Inequalities", Department of Mathematics, University of Delhi, South Campus, 19 February 1987.

Dr. K. R. Parthasarathy (Stat-Math) attended International Conference on "Invariant Subspaces and Their Applications", University of Delhi 15-19 December 1986. Delivered a half hour invited address entitled "Martingale characterisation of CCR and CAR" and also acted as a member of the organising committee. He also attended Annual conference of the Indian Mathematical Society, Rajasthan University, Jaipur, 26-30 December 1986. Delivered a half hour invited address on "Quantum Stochastic Calculus".

Dr. T. Parthasarathy (Stat-Math) Summer Course on Reliability, ISI Delhi Centre, June 1986. Gave four lectures on "Reliability and Game Theory".

Dr. K. B. Sinha (Stat-Math) Gave invited talk "Quantum stochastic integrals and martingales"—UGC seminar on Probability and Stochastic Processes, Sambalpur University.

Dr. Shibdas Bandyopadhyay and Dr. P. P. Majumder (Applied Statistics, Surveys and Computing) delivered invited lectures on "Health Information System and the role of Computers in Health Services" to Central Health Services Officers at All India Institute of Hygiene and Public Health, Calcutta, on 16 December 1986.

INDIAN STATISTICAL INSTITUTE

Dr. T. Krishnan (Applied Statistics, Surveys and Computing) as a member of the Executive Committee of the Indian Society for Medical Statistics attended and chaired a Session at the Fourth Annual Conference of the Indian Society for Medical Statistics at Bangalore, 24-26 November, 1986.

Dr. Manoranjan Pal (Applied Statistics, Surveys and Computing) (a) attended and presented a paper at Science Congress, Bangalore (b) delivered lecture Series at Shivaji University, Kolhapur (c) delivered Lecture at Poona University (d) delivered Lecture on 'Reliability' at UGC Sponsored Instructional Seminar at I.S.I., Calcutta February 1987.

Dr. Arijit Chaudhuri (Applied Statistics, Surveys and Computing) delivered an invited lecture on "Randomized Response Surveys" in a Symposium on Survey Sampling held in the Department of Statistics, Calcutta University under the auspices of the Calcutta Statistical Association.

Shri Ajit Halder (Applied Statistics, Surveys and Computing) delivered a series of lectures on Programming Languages to the officers of the Bureau of Applied Economics and Statistics, West Bengal from 2.1.87 to 17.1.87.

Dr. Bimal Roy (Applied Statistics, Surveys and Computing) had consulting assignments and delivered lectures on data base with Department of Statistical Analysis and Computing Services, Reserve Bank of India Bombay and Bureau of Applied Economics and Statistics, Government of West Bengal.

Dr. Parimal Mukhopadhyay (Applied Statistics, Surveys and Computing) advised the Central Statistical Organisation on Survey methodology for Annual Survey of Industries through which some optimum sampling rules have been proposed and worked out.

Dr. Partha Pratim Majumder (Applied Statistics, Surveys and Computing) attended the 12th Annual Conference of the Indian Society of Human Genetics, Calcutta from 28 February to 2 March 1987.

Dr. Tapas Kumar Basu and Shri Sukumar Ganguly (Applied Statistics, Surveys and Computing) on invitation, joined the Workshop on 'Unified Approach for Population Stabilization by 2050 A.D.' organized by Parivar Kalyan Sansthan of Telco, Jamshedpur during 11-13 August 1986 and participated in the Panel Discussion.

Shri Sanjib Gupta (Applied Statistics, Surveys and Computing) a member, of Indian Society for Medical Statistics, attended one Science Conference, organised by the Indian Association of Physiologists and Allied Science on 28.11.86 at University College of Science and Technology, Calcutta and participated in the Seminar entitled 'Modern concept of Insulin Mechanism' organised by the Physiology Department, Presidency College, Calcutta on 5.1.87.

Shri Sukumar Ganguly (Applied Statistics, Surveys and Computing) attended 4th Annual Conference of Indian Society for Medical Statistics held in Bangalore from 24 to 26 November 1986.

FIFTYFIFTH ANNUAL REPORT : 1985-86

Dr. A. Sengupta, Dr. R. Arnab, Dr. Parimal Mukhopadhyay and Dr. Arun Adhikari (Applied Statistics, Surveys and Computing) attended the 74th Session of the Indian Science Congress Association at Bangalore in January 1987.

Dr. D. N. Ghosal (Chemistry) attended (i) The 8th International Symposium on Surfactants in Solution, held in New Delhi, August 18-22, 1986; (ii) 2nd National Symposium on clay organic Interaction held in Calcutta, November 10-12, 1986 and delivered an invited lecture on 'Interaction between clays and organic substances.

Mr. S. K. Bhattacharyya (Chemistry) attended the 2nd National Symposium on clay-organic Interaction and presented a paper.

Shri S. Bhattacharyya and Dr. R. K. Roychoudhury (Electronics) attended the VIII High Energy Physics Symposium, organised by the Department of Atomic Energy (Govt. of India) at the Saha Institute of Nuclear Physics, 11-17 November, 1986.

Dr. B. S. Dandapat (Electronics) attended the ISTAM Conference at Gwalior, 24-27 October, 1986.

Dr. D. Banerjee, Shri N. Chatterjee and Shri P. Sengupta (Electronics and Communication Sciences) attended the 'Advanced Course on Applied Artificial Intelligence' held at NCST, Bombay, during 8-19 December, 1986.

Shri S. Basu and Shri P. Sengupta (Electronics and Communication Sciences) participated in the 'Congress of Cybernetics and Systems 1987' held at New Delhi from 18 to 20 March, 1987. They also presented papers in this congress.

Shri B. Chanda, Shri M. K. Kundu and Dr. S. Roy (Electronics and Communication Sciences) participated in 'Platinum Jubilee Conference on Systems and Signal Processing', of the Indian Institute of Science held at Bangalore during 11-13 December 1986. All of them presented papers.

Prof. J. Das and Shri A. K. De (Electronics and Communication Sciences) participated in the 'J. N. Bhar Commemoration Symposium' organized by the INRAPHEL, Calcutta and the URSI, New Delhi held at SINP during 17-19 December 1986. They presented papers in the symposium. Prof. Das attended the 'USSR-Researcher Interaction Conference' held at Tirupati during 3-5 February 1987. He presented 'Some Studies of the Boundary layer characteristics over Calcutta' in this Conference.

Prof. A. K. Datta and N. R. Ganguli (Electronics and Communication Sciences) were invited as resource personnels at workshop on Aspiration in Indian languages organised by Central Institute of Indian languages at Mysore (26 May to 6 June) and gave a series of lectures in the workshop and participated in discussions.

Prof. D. Dutta Majumder (Electronics and Communication Sciences) was invited to the FGCS Conference held in Madras, during 25-27 February 1987 and presented a paper.

INDIAN STATISTICAL INSTITUTE

Dr. Sankar K. Pal (Electronics and Communication Sciences) attended the International Congress on Cybernetics and Systems, New Delhi, India, 18-20 March 1987 and delivered an invited talk on Fuzzy sets and their applications.

Prof. T. Roy Chowdhury (Geology) attended the DST sponsored National Seminar on Modern Trends in Quaternary Geology 20-21 March 1987 held at Presidency College, Calcutta and chaired a session.

Prof. S. L. Jain (Geology) visited Birbal Sahni Institute of Palaeobotany (BSIP) at the invitation of its Director, during 22-26 February 1987 in connection with the examination and evaluation of Late Cretaceous plant fossils obtained during dinosaur excavations conducted by him in Central India. He had several discussions with the staff of BSIP on associated fossils.

Dr. A. B. Gupta (Physics) participated in the XVth National Conference of the Indian Association of Dermatologists at the B-J. Medical College, Pune, during January 9-11, 1987 and presented three papers on investigative dermatology and also actively participated in the Special Seminar and Workshop conducted as a part of the Conference. On invitation from Dr. V. L. Rege, Department of Dermatology, Goa Medical College, Dr. Gupta also visited Goa Medical College, Panaji, Goa for a demonstration of the "Thermosense", early detector of Leprosy developed by the Physics Unit, I.S.I., in collaboration with M. A. Tutakne of Base Hospital, Barrackpore. Dr. Gupta also attended the XII Annual Conference of the Indian Society of Human Genetics at Salt Lake, Calcutta during February 28-March 2, 1987 and presented, through his research students, three papers on population genetics.

Professor Kanti Pakrazi (Anthropometry and Human Genetics) (i) participated in the Workshop on Development of Scheduled Castes and Scheduled Tribes which was organized by the Cultural Research Institute, Govt. of West Bengal at Calcutta on 16 May 1986; (ii) participated in the discussion that took place in the Seminar-cum-Workshop on "Witchcraft" which was organized by Bengal Social Service League, Calcutta on 7 June 1986; (iii) delivered a lecture on Tribal Demography with respect to problems of Women and children to the officers of Scheduled Castes and Scheduled Tribal Department, Govt. of West Bengal at the Administrative Training Institute, Govt. of West Bengal Calcutta on 14 November 1986; (iv) participated actively in the Training Workshop on Application of Science and Technology in Tribal Development which was organized by the cultural Research Institute, Govt. of West Bengal, Calcutta on 21 November 1986; (v) acted as the external expert in the Selection Committee setup by Anthropological Survey of India, Govt. of India, (East India Region) Calcutta for selecting Junior Research Fellow on 2 December 1986; (vi) acted as one of the member of the Selection Committee set up by the Vidyasagar University Council for selecting faculty members in the Department of Anthropology of the University, on 12 February 1987, and (vii) participated actively in the discussion on Studies in Anthropology in Bengali language which was organized by West Bengal Bengali Academy, Govt. of West Bengal, Calcutta, on 28 February 1987.

FIFTYFIFTH ANNUAL REPORT : 1986-87

Professor Amitabha Basu (Anthropometry and Human Genetics) (i) participated as a "Research Person" in the "Workshop on Genetic and Sociocultural Determinants of Tribal Health : Measures for Health Development", 15-18 December 1986, National Institute of Health and Family Welfare, New Delhi and chaired a session ; (ii) presented a paper in the "National Seminar on Ethnic Minorities in India and Their Sociocultural Problems", 3-5 April 1987, Sambalpur University Sambalpur and Chaired a session.

Professor K. C. Malhotra (Anthropometry and Human Genetics) (i) participated in the National seminar on Anthropology, Development and Nation Building, Delhi 18-21 November 1986, presented a paper and Chaired a session, organized by Anthropological Survey of India and Indian Anthropological Association ; (ii) participated in the conference on Genetic and socio-cultural Determinants of Tribal Health : Measures for Health Development, Delhi 15-18 December, 1986, organized by National Institute of Health and Family Welfare, delivered a Key note address, chaired a session and was a panelist on panel discussion ; (iii) attended a Workshop on Inputs of Science and Technology in the Development of Bastar, Jugdulpur, 18-19 January 1987, organized by Madhya Pradesh Science and Technology Department, presented a paper ; (iv) joined the UGC National Seminar on Nutritional Ecosystems among the tribes of India, Ooty, 9-11 February 1987, Tribal Research Institute, Tamil Nadu Govt. delivered a special lecture, chaired a session and drafted and presented the recommendation ; (v) delivered an invited lecture at the Indian Science Congress held at Bangalore, 3-8 January 1987 ; (vi) on invitation delivered a special lecture at Development of Science and Technology, Govt. of Orissa, Bhubaneswar on 18 February 1987 ; (vii) on invitation delivered Annual Guest Colloquium at Viahva Bharati University, Santiniketan in February 1987 ; (viii) attended the XII Annual Conference of the Indian Society of Human Genetics and National Seminar on Mother-child Health Status, 28 February to 2 March 1987, Calcutta, Indian Institute of Biosocial Research and Development presented 5 papers ; (ix) delivered a key note address at Greening Urban centres, Calcutta, 22 July 1986, Indian Institute of Biosocial Research and Development and Indian museum, and (x) attended the UGC National Seminar on Approaches to Anthropology, Waltair, 9-11 December 1986, Andhra University, Waltair, presented a paper and chaired a session.

Professor S. K. Roy (Botany) participated in the 40th Annual Conference of the Indian Society of Agricultural Statistics held at Banaras Hindu University from 4-6 December 1986.

Drs. S. Matai and D. Bagchi (Leaf Protein) attended S.G.V.R./C.A.S. in Botany, B.H.U. Symposium held at B.H.U., Varanasi from 27-29 November 1986. The symposium was sponsored by SGVR and CAS in Botany, B.H.U. Three technical papers two by Dr. Matai and one by Dr. Bagchi were presented in the seminar.

Shri S. Guha Roy (Demography) participated in the National Seminar on Data Base of Indian Economy, Sri Nagar, November 1986.

INDIAN STATISTICAL INSTITUTE

Dr. N. Sarkar (Economic Research) attended and presented a paper at the 27th Annual Conference of the Indian Society of Labour Economics held at the University of Mysore during April 11-13, 1986.

Dr. M. Chattopadhyay (Economic Research) attended and presented a paper at the world Congress of Sociology, held in Delhi during 18-23 August, 1986.

Shri C. Neogi (Economic Research) attended and presented a paper at the 24th Indian Econometric Conference held at Ahmedabad during 8-10 January, 1987.

Dr. D. Dasgupta (Economic Research) attended and presented a paper at the 2nd Conference of Economic Theory and Related Mathematical Methods held at the Indian Statistical Institute (Delhi Campus) in February 1987.

Dr. D. Dasgupta, Dr. P. Maiti, Dr. A. Sarkar and Miss A. Dhar (Economic Research) each attended and presented a paper at the conference on Approaches to Issues in Economic Development, held at the Centre for Economic Studies, Presidency College, Calcutta during 6-8 March 1987.

Dr. Partha N. Mukherji (Planning, Delhi) attended (i) National Seminar on Social Development: Processes and Consequences, organised by the Department of Sociology, Punjab University, Chandigarh, January 8-10, 1987; (ii) Seminar on Policies of the Present Government and Their Impact on the Farmers, organised by Bharti Kisan Union, Fatehgarh Sahib, Patiala, 22 February 1987; (iii) National Seminar on "Stratification, Hierarchy and Ethnicity in North East India", organised by the Department of Sociology and Social Anthropology, North Bengal University, 26-27 March, 1987.

Dr. L. S. Bhat (Planning, Delhi) delivered (i) Six lectures on regional aspects of Health Planning Training Programme organised by the Indian Council of Medical Research, Statistics, New Delhi, 13-16 May 1986; (ii) One on "Geography and Development and Administration" First Summer Institute on Contemporary trends in Political Geography 14 May 1986; (iii) Five lectures on analytical techniques in regional planning. All India Summer Institute on Quantitative Geography Patna University, Patna 17-18 May, 1986; (iv) Three lectures on multi-level planning at the Haryana Institute of Public Administration, Chandigarh, 21 August 1986.

Dr. L. S. Bhat participated in the (i) inter-disciplinary seminar on "Exploring India's Development Perspectives—2000 A.D.". Indian Association of Social Science Institutions, New Delhi, 20-22 May 1986; (ii) National Seminar on Regional Development with special reference to Jammu and Kashmir organised by the Department of Economics and Geography, Kashmir University, Srinagar 29 June to 2 July 1986; (iii) World Sociological Congress at Delhi. Sections on Urbanisation and Human Settlements, 18-23 August 1986; (iv) Meeting of the sub-committee to prepare a monograph on "Dimensions of Regional Disparities in India—2001 A.D.". Kashmir University, Srinagar, 10-11 September 1986. A research outline of the proposed study was prepared for discussion; (v) 8th Indian Geography Congress, National

FIFTYFIFTH ANNUAL REPORT : 1986-87

Association of Geographers, India, 1-5 October 1986 ; (vi) National Seminar on West Land Development. Organised by the Association for Waste Land Development, New Delhi, 16-18 October 1986 ; and (vii) Meeting of the U.G.C. Expert Committee for the formulation of a Model curriculum in Geography. Panjab University, Chandigarh, 17-18 November 1986.

Dr. S. Gangopadhyay (Planning, Delhi) gave Seminars at Delhi School of Economics, Indian Council for Research in International Economic Relations, Jawaharlal Nehru University. He also presented a report on "Capital Good and Project Imports" at a meeting of the Association of Indian Engineering Industries.

Shri S. M. Kansal (Planning, Delhi) participated in the IARNIW seminar on Tangible Wealth and consumption held in Bhopal during 24 to 28 November 1986.

Dr. K. Saradmoni (Planning, Delhi) attended the World Congress of Sociology, 10-22 August 1986, New Delhi (i) On behalf of Indian Association for woman's Studies organised a session and participated in "Woman's Studies : Towards a more purposeful Social Sciences ; (ii) On behalf of I.S.I. helped organise a Post-congress seminar along with UNESCO, INSTRAW U. N. International Research and Training Institute for the advancement of Women (INSTRAW), and Nehru Memorial Museum and Library between 25-27 August 1986. Read a paper "Patterns of Female Employment" : The Asian Experience.

Dr. K. Saradmoni participated in the (i) All Indian Seminar on Utilization of Woman Power for Development at Trivandrum on 31 October 1986 and read a paper "Women's Empowerment : The Chinese Experience" ; (ii) VIIIth World Economic Congress, New Delhi, 1-5 December 1986 ; (iii) Annual Conference of the Indian Economic Association New Delhi, 6-7 December 1986.

Dr. Saradmoni as Treasurer and Member of the E.C. and shared the responsibility of organising the Third National Conference on Womens Studies at Punjab University, Chandigarh from 1-4 October, 1986. She also coordinated, along with Tanika Sarkar of Delhi University, the session : Women and the Agrarians Struggles. She was also a panelist in the panel Development Alternatives : Women's Perspectives.

Dr. Atul Sarma (Planning, Delhi) participated in the (i) Seminar on Strategy for Industrial Development for North Eastern Region, held in Guwahati during 22-23 November 1986 ; (ii) World Congress of the International Economic Association held in New Delhi during 1-5 December 1986 ; (iii) Research Scholar's Seminar/Workshop sponsored by the ICSSR in New Delhi during 1-3 January 1987 and (iv) participated in the panel discussion on Leading Issues in Planned Development organised on 10 January 1987 by the Indian Econometric Society at Sardar Patel Institute of Economic and Social Research, Ahmedabad.

Dr. Sarma delivered talks on (i) Issues on Fiscal Transfers on 2 February 1987 under the sponsorship of Punjab University Teachers' Association, Chandigarh ; (ii) Inter-sectoral Linkages on 22 February 1987 at the Seminar organised by the

INDIAN STATISTICAL INSTITUTE

Bharati Klahan Union, Fatehgarh, Punjab ; (iii) Emerging Issues on Financing a Plan on 27 February 1987 at the symposium on OR/SA in the Nineties organised by the Institute for Systems Studies and Analysis in New Delhi during 26-27 February 1987 and (iv) Economic Development of India on 7 December 1986 in the Orientation Programme Foreign Students organised by Viswa Yuak Kendra.

Dr. N. S. Iyengar (Economic Analysis, Bangalore) visited various universities, delivered lectures, gave seminar and held discussions, as shown below (i) Annamalai University, Annamalainagar, Tamil Nadu. Guest Lecture on "Application of the Extreme Disparity Ratio in Economic Analysis" 2-3 April 1986 ; (ii) Institute for Economic Growth, Delhi University, Delhi. Seminar on "Alternative Index for Measuring Consumption Disparities" 7-8 April 1986 ; (iii) Indian Institute of Science, Bangalore (Department of Applied Mathematics) Mathematics Olympiad : Guest Lecture on "Graphs in economic analysis—Some new explorations" 7 May 1986 ; (iv) Institute for Social and Economic Change, Bangalore. Guest Lecture on "Measures of Poverty and Inequality" 7 May 1986 ; (v) National Sample Survey Organisation, Southern Regional Office, Field Operations Division. Forty-second Round NSS Regional Training Conference on socio-economic surveys on social consumption, aged persons, and exarmed forces personnel. Bangalore, 18 June 1986. Chaired a technical session ; (vi) Madras Institute of Development Studies, Madras. Guest Lecture on "Measurement of Inequality and Associated Tests of Significance". 14 July, 1986 ; (vii) Sri Venkateswara University, Department of Econometrics, Tirupati. Summer Institute for College Teachers in Economics. Lecture on Simultaneous Equations" 17-18 September 1986 ; (viii) Voorhee College, Vellore. Guest Lecture on "Consumption Inequality in India" 23 October 1986 ; (ix) National Institute of Mental Health and Neurosciences, Bangalore. Fourth Annual Conference of the Indian Society for Medical Statistics, Bangalore, 24-26 November 1986. Chaired a technical session ; (x) Eight World Economic Congress, New Delhi. Rapporteur of Session No. 10, 1-5 December 1986 ; (xi) Annual Seminar of the Indian Science Congress, Bangalore University, Bangalore. Presented a paper on "Statistical Measurement of Rural Poverty, Problem and Technique", 4 January 1987 ; (xii) Twenty-fourth Annual Conference of the Indian Econometric Society, Ahmedabad. Chaired Session 11A : Applied Econometrics—Agriculture" on 9 January 1987. Delivered the Valedictory Address of the conference on 10 January 1987 ; (xiii) Indian Association of Social Science Institutions, New Delhi. Panel meetings on Social Science Research and the Problem of Inequality. New Delhi, 23-24 January 1987 ; (xiv) Institute for Social and Economic Change, Bangalore. Training Programme on "Food Prices and Marketing Policies in the Agricultural Sector", 6 and 11 February 1987 ; (xv) Osmania University, Department of Economics, Hyderabad. UGC Visiting Fellow. (delivered a course of lectures and taught), 19 February to 4 March 1987 ; (xvi) Felicitation to Professor C. R. Rao, FRS, Hyderabad. Organised the function in collaboration with local friends at Hyderabad, 24 February 1987 ; and (xvii) Osmania University, Department of Economics, Hyderabad. Seminar on "Industrial Development of Andhra Pradesh" on 27-28 February 1987.

FIFTYFIFTH ANNUAL REPORT : 1986-87

Shri Biswanath Roy (National Income) attended the 27th Annual Conference of Indian Society of Labour Economics at University of Mysore, during April 11-13, 1986 and presented a paper. He also attended seminar on Media Communication and Culture, problems of industry and labour in West Bengal and agrarian reforms and rural development in West Bengal sponsored by the Indian School of Social Sciences held at Youth Centre, Calcutta, 5-7 December 1986. Shri Roy participated in the 7th Annual Conference on "Benefits and Cost of International Transfer of Technology in the Modern World, Recent Structural Changes in Indian Capital market and problems of public sector Resource Mobilisation in West Bengal" sponsored by the Bangiya Arthaniti Parishad held at University of Calcutta during 7-8 March 1987 and presented a paper.

Dr. Krishna Majumdar (National Income) attended the 28th Session of the Indian Labour Economic Conference held at Trichirapalli, Tamilnadu during 16-18 January 1987 and presented a paper. She also participated at the urban conference held at Department of Economics University of Calcutta during 30-31 March 1987.

Smt. Rama Deb Roy (Pre-Census Population Studies) attended (i) Conference on Urban Development, Calcutta University, Economics Department from 28 to 29 June 1986 ; (ii) Indian History Congress 49th Session, Srinagar, from 7 to 10 October 1986 ; and (iii) Training Seminar on Quantive Methods in History. Organised by the UNESCO in collaboration with Indian Council of Historical Records and Indian Council of Social Sciences Research, New Delhi, 28 January to 7 February 1987.

Shri Kunal Chattopadhyay (Pre-Census Population Studies) attended the Conference on Urban Development, Calcutta University, Economics Department from 28 to 29 June 1986.

Dr. S. Chatterji and Dr. Manjula Mukherjee (Psychometry) delivered lecture in the "Workshop on Personnel Selection" organised by the Indian Institute of Psychometry at the Great Eastern Hotel, on 23-24 January 1987.

Shri A. K. Dasgupta (Sociological Research) attended (i) Symposium on 'Archaeology in West Bengal' held at Calcutta on 24-26 November 1986. Shri Dasgupta participated in organising the symposium as a member of the Advisory Committee of the State Government on Archaeology ; (ii) The 33rd All-India Oriental Conference at Calcutta in October 1986.

Shri S. K. Biswas (Sociological Research) attended the following seminars (i) Workshop on North-East India 2000 A.D. : A Perspective for Futurology, North-East India Council for Social Science Research, Shillong, 3-5 April 1986 ; (ii) 'National Seminar on Population, Family and Culture', National Organization for Family and Population Welfare, Bhubaneswar, 21-23 May 1986 ; (iii) Research Committee on Sociology of Ageing, XI-World Congress of Sociology, organised by the International Sociological Association, Delhi, 18-22 August 1986 ; (iv) Workshop : Application of

INDIAN STATISTICAL INSTITUTE

Science and Technology in Tribal Development, Cultural Research Institute, Government of West Bengal, Calcutta 21 November 1986 and (v) Third National Conference on Ageing, Hyderabad, 26-28 November 1986.

Shri S. K. Biswas also gave a special lecture in a training course organised by the Administrative Training Institute, Government of West Bengal on 12 November 1986. Topic "Tribal Economy".

Shri K. Chattopadhyay (Sociological Research) attended the International Seminar on "Environment and 21st Century", held at Institute of Oriental and Orissan Studies, Cuttack, during 12-16 December 1986.

Dr. P. Chakrabarti and D. Bhattacharya (Sociological Research) attended the 39th Annual Conference of Indian Psychiatric Institute, during 7-10 January 1987.

Shri T. N. Ghosh (Sociological Research) attended the "Workshop on Problems of evaluation and analysis of educational data" organised by the Psychometry Unit of ISI in collaboration with Ramkrishna Mission Balakaaram, Brahmananda P.G.P.T. College, Bahara, during 10-12 March 1987.

Dr. S. Bandyopadhyay (Sociological Research) was invited to give a series of lectures on 'Use of statistics in social science research' at the Centre for Social Studies, South Gujarat University, Surat, during 30.6.86 to 4.7.86, as a part of a programme sponsored by the Indian Council of Social Science Research, New Delhi.

Shri J. Verghese (Central Library) acted as Co-ordinator of an all-India Workshop on Information Management Technology, sponsored by the Department of Science and Technology, IASLIC and Micrographic Congress of India, held at ISI, Calcutta from 6 to 16 August 1986. He also attended a Regional Seminar on 'Management and Application of Micrographics' held at Central Leather Research Institute, Madras from 3-4 December 1986 and presented a paper entitled 'Microfilm Technology, Inspection and Quality Control'.

Miss A. Arora and Miss A. Suchitra (DRTC, Bangalore) participated in the Third National Conference on Women Studies, held at Chandigarh, from 1-4 October 1986. Arranged a book exhibition on the occasion and also collected back ground material on and compiled a select bibliography on the theme "Women and Agrarian Struggles".

Dr. I. K. Ravichandra Rao (DRTC) attended the (i) Seminar on "Selection of Microcomputers for Library School at the Department of Library and Information Science", Bangalore University, Bangalore held on 7 April 1986. He made the leading presentation; (ii) Seminar on "Library Automation" organised by the Madras Library Association held during 19-20 June 1986 and presented a paper entitled "Machine Readable Cataloguing: Record Format". He also chaired a session; (iii) Seminar on "Applications of Information Technology in Information Management" organised by IASLIC and ISI, Calcutta held during 6-16 August 1986. In this seminar, Dr. Rao delivered three lectures on the subject.

FIFTYFIFTH ANNUAL REPORT : 1986-87

Dr. I. K. Raviohndra Rao participated in the (i) "Seminar on Health Science (Literature) information for all by 1990 organized by the Medical Library Association hosted by the KMC, Manipal, held during 2-4 January 1987. He acted as Rapporteur-General of the Seminar; (ii) "Workshop on the Application of Micro-computer" organised at Madras by the Madras Library Association, the Indian Library Association, the Institute of Information Studies held on 19 February 1987. Dr. Rao delivered a lecture on "New Developments in Library Automation".

Dr. M. A. Gopinath (DRTC) attended (i) the Seminar on "Library Automation" organised by the Madras Library Association held during 19-20 June 1986, and presented a paper entitled "Information Technology Input to Library and Information Sciences". He also chaired session; (ii) the Board of Studies Meeting of the INSDOC held at INSDOC, New Delhi on 19 June 1986; (iii) the eight series of Ranganathan Memorial Lectures given by Dr. Fred Riggs on "Terminology and Indexing in Social Sciences" held at American Centre, New Delhi during 23-24 August 1986, under the joint sponsorship of Sarada Ranganathan Endowment for Library Science, Indian Library Association and USIS, New Delhi. He also chaired a session.

Dr. M. A. Gopinath participated in the (i) DRDO Seminar on Defence Science Information Networking held at DESIDOC, New Delhi held during 17-18 February 1987 under the sponsorship of DRDO, New Delhi and acted as Rapporteur General; (ii) Workshop on the Application of Microcomputer" organised at Madras by the Madras Library Association, Indian Library Association, the Institute of Information Studies held on 21 February 1987. Dr. Gopinath delivered a lecture on "Selection Criteria for Hardware and Software of computers for Libraries".

Dr. M. A. Gopinath delivered a course of lectures on Informaton Processing and Organisation for the M.L.I.S. students of Karnataka University, Dharwar as a visiting Scientist in response to an invitation from the University during 12-14 Februsrv 1987.

Dr. G. Bhattacharyya (DRTC) attended the (i) Seminar on "Information Service Management in ICAR Institute Libraries and Information Centre" organised by the National Academy of Agricultural Research Management, Hyderabad held during 8-11 July 1986. Dr. Bhattacharyya presented his paper entitled "Integrated Approach to Information Services"; (ii) "National Seminar on Universe of Knowledge" organised by the Osmania University under the sponsorship of the University Grants Commission, Delhi held during 25-28 November 1986, and presented a paper entitled "Universe of Knowledge: Its development and structure: Relevance of the paper in MLIsc Course". Dr. Bhattacharyya also presided over the inaugural function of the seminar and delivered his lecture on the theme "Professionalism in Library Education".

Dr. S. Soetharama (DRTC) attended (i) the International Seminar on Development Communication at Pune held during 12-14 August 1986 and presented a paper

INDIAN STATISTICAL INSTITUTE

entitled "Information Strategies for Rural Development"; (ii) the "12th IASLIC SEMINAR" held at Varanasi during 27-31 December 1986. Dr. Seetharama presented papers on "Financial Planning for Library and Information Centres" and "Zero-based Budgeting". He also acted as the Director of a session.

Dr. S. Seetharama delivered a course of lectures on Planning of Information System; and (2) Information Analysis and Consolidation for the M.L.I.S. Students of the Karnatak University, Dharwar during 21-24 January 1987 as a Visiting Scientist in response to an invitation from the University.

12. NINETY-THIRD BIRTH ANNIVERSARY OF LATE PROFESSOR P. C. MAHALANOBIS

To celebrate the ninety-third birth anniversary of Late Professor P. C. Mahalanobis, founder of the Institute, two meetings of the workers of the Indian Statistical Institute were held on 29 June 1986 and 30 June 1986 in the auditorium of the Institute.

Professor P. K. Bose, former Pro-Vice Chancellor (Academic), University of Calcutta was the Chief Guest on 29 June 1986. He made a call to workers of the Institute to follow the work-culture of Professor Mahalanobis. Dr. A. Mitra, the then Director of the Institute reminisced about Professor Mahalanobis.

Professor Sushil Kumar Mukherjee, Ex-Vice Chancellor, University of Calcutta and Member, National Commission of Agriculture, Government of India, was the Chief Guest on 30 June 1986 and spoke on the occasion.

To observe the occasion, Professor Nikhilesh Bhattacharya delivered a lecture on contributions of Professor Mahalanobis to Sample Surveys on 30 June 1986.

Part III. Administration and Office-Bearers

19. GENERAL ADMINISTRATION

Membership : During the year, 116 (one hundred sixteen) persons were elected as ordinary members, 2 (two) ordinary members became life members.

The membership position as on 31 March 1987 : Ordinary members : 598 ; Life members : 204 and Institutional members : 12 (Total 812). During the year 262 student members were enrolled.

Annual General Meetings : General meetings of the Institute were held twice during the year, on 17 September 1986 and 26 November 1986.

Council Meetings : Seven meetings of the Council of the Institute were held during the year, on 13 May 1986, 9 September 1986, 18 September 1986, 6 October 1986, 25 November 1986, 12 December 1986 and 4 March 1987.

Finance Committee Meetings : Four meetings of the Finance Committee were held during the year, on 8 September 1986, 24 November 1986, 8 December 1986 and 3 March 1987.

A list containing the names of the President of the Institute and Chairman and Members of the Council of the Institute together with names of members of the different committees is given in Chapter 14.

Institute Staff : The following senior members of the staff have been functioning in the posts mentioned during the year.

1. Professor A. Maitra, F.N.A., Director, upto 14 January 1987.
2. Professor J. K. Ghosh, F.N.A., Director, from 15 January 1987.
3. Dr. A. R. Rao, Dean of Studies.
4. Dr. B. Ramachandran, Head of Delhi Centre, upto 16 May 1986.
5. Shri Biman Bose, Officer-on-Special Duty (Administration & Finance).

New Appointments : The following staff joined the Institute during the year :

1. Shri Arun Kr. Adhikari, Lecturer, CSU.
2. Shri G. S. R. Murthy, Technical Officer, Gr. III, SQC (Hyderabad).
3. Shri A. Mohan, Technical Officer, GR. III, SQC (Pune).
4. Shri Dipankar Roy Choudhury, Technical Officer, GR. II, SQC (Coimbatore).
5. Shri A. L. N. Murtly, Technical Officer, GR. III, SQC (Borada).
6. Dr. V. Rajendra Prasad, Technical Officer, GR. III, SQC (Bangalore).
7. Smt. Nabanita Das, Computer Engineer, Electronics.

INDIAN STATISTICAL INSTITUTE

Retirement : The following staff retired from services :

1. Dr. Deb Kumar Bose, Professor, ERU.
2. Dr. P. R. Pal, Associate Professor, Bio-Chemistry.
3. Shri Tapan Basu Mallick, Associate Professor, PRSU.
4. Shri Durga Prasad Bhattacharya, Associate Professor, PCPSU.

Resignation and termination of service : The following staff left the Institute on resignation from services :

1. Dr. Shaoti Chakraborty, Professor, ERU.
2. Shri Ashok Basu, Assistant Librarian, Library.
3. Dr. Thomas Mathew, Lecturer, Stat-Math.
4. Dr. Biswanath Bhattacharya, Lecturer, ERU.

Staff position as on 31 March 1987 :

- | | |
|-----------------------------------|-----------|
| 1. Scientific and Technical Group | ... 501. |
| 2. Non-Scientific Group | ... 1088. |

Land and Construction

Calcutta

(1) *Sr. Students' Hostel* : Contract was awarded to M/s. Jardiniere for construction of Sr. Students' Hostel (accommodation of 130 students) at a cost of Rs. 64,47,264.50. A substantial part of the work has progressed. The expenditure so far made is Rs. 32,52,551.28.

(2) *Sanitary and plumbing work of Sr. Students' Hostel* : Tender was called for this work. Necessary formalities for awarding the job is under progress.

(3) *Civil work of 7th, 8th and 9th floors of the composite Library Building* : Contract was awarded to M/s. B.B.G. Construction. Major portion of Civil work has been made. An amount to Rs. 49,29,721.10 has been paid to the contractor against their running bills out of contract value of Rs. 52,28,044.47.

(4) *Sanitary work for 7th, 8th and 9th floors of composite Library Building* : This work has been entrusted to M/s. B.B.G. Construction at a tendered value of Rs. 3,67,703.48. The work is in progress.

Delhi

Staff Quarters : 6 (six) A-Type quarters recently constructed for senior faculty staff were allotted for occupation.

Guest House : The construction work of Guest House extension (8 rooms and a lavatory block) on top of 2nd floor has been taken up.

Preparation for providing a deep tube-well is in hand.

Bangalore

(1) *Barbed wire fencing and masonry compound wall* : The boundaries of Campus land which is about 30 acres provided with barbed wire fencing to a length of about 509 meters and the balance length of 517 meters provided with masonry compound with gates have been completed and the expenditure incurred as per the final bill was Rs. 3.04 lakhs.

(2) *Store-Cum-Office Shed* : Construction of temporary shed to store cement and site office was completed with a cost of about Rs. 40,100/-.

(3) *Water Supply* : Two borewells have been sunk. One borewell yields about 500 gallons of water per hour which has been fitted with a hand pump. The other one yields about 4000 gallons of water per hour has been fitted with submersible pump of 11 HP at a cost of Rs. 23,500/-. This borewell is in service. Third borewell has also been sunk during 1986-87 at a cost of Rs. 6,500/- which yields 3000 gallons per hour and the same was proposed to be harnessed with the submersible pump at a cost of about Rs. 30,000/-.

(4) *Academic Block* : The building with a floor area of 32,000 sq.ft. has been completed and occupied. This building accommodates for the present Administrative Office, Scientific Staff, Class rooms, Library, Conference Hall, Stores, Canteen, Computers, Garages, etc.

The construction of Academic Block was awarded to Messers A.S.K. & Brothers, Class I Contractors on tender basis. The approved tender amount for this work is about Rs. 35.90 lakhs excluding fixtures to doors, windows and providing fixing electrical fittings and fixtures.

(5) *Construction of B, C & D types Quarters* : The following Unit to accommodate the families as noted against each type of quarters were completed and taken over charge : (a) B type—5 Units—10 families ; (b) C type—1 Unit—4 families and (c) D type—3 Unit—12 families.

The work was awarded to Messers Sri Byrava Civil Engineering Works. Total revised cost for civil portion of work excluding electrical fittings, fixtures, electrification and also cost of fixtures to doors and windows as approved is about Rs. 36.69 lakhs and additional amount required for electrification is about Rs. 0.40 lakhs.

(6) *Construction of Hostel Building* : The work is awarded to Messers Sri Byrava Civil Engineering Works. The work is completed and handed over. The cost for this as approved is about Rs. 26.75 lakhs.

(7) *Formation of Roads and Construction of two culverts* : The agency for this work is Messers Sri Byrava Civil Engineering Works. The expenditure on this work is Rs. 6.50 lakhs. Balance works yet to be completed are providing curbs, paving to foot-path and tar work for water bound macadam surface and miscellaneous works for culverts. The cost as approved is about Rs. 9.57 lakhs.

INDIAN STATISTICAL INSTITUTE

(8) *200 KVA H.T. Installation* : The estimated cost of this work is Rs. 1.32 lakhs. The work is completed and the final bill is under process for settlement.

(9) *Electrification of Hostel Block* : This work was awarded to Messrs Sri Uma Shankar Electrical Stores at a cost of Rs. 1.04 lakhs. Expenditure booked to-date is Rs. 0.80 lakhs. The work was completed except for attending to minor defects and fixing of electrical fittings. The work done beyond Rs. 0.80 lakhs is yet to be paid after receipt of bill through the Architects. The total amount of this work comes to Rs. 1.46 lakhs.

(10) *Street Lighting* : This work was awarded to Messrs Sri Uma Shankar Electrical Stores. The cost as approved is about Rs. 5.45 lakhs. The work is practically completed except fixing of electrical fittings and attending to some defects.

(11) *Construction of Overhead Tank* : This work was awarded to Messrs Builders & Designers at a cost of Rs. 8.26 lakhs. Total amount so far spent on this work is Rs. 6.00 lakhs. The work is in progress.

(12) *Providing and Fixing teak-wood pelmeta* : This work was completed at a total cost of Rs. 0.16 lakhs.

(13) *Providing and fixing teak-wood partitions in Library Hall* : The work was completed at a total cost of Rs. 0.80 lakhs.

(14) *Providing burnt-brick masonry partition walls in the Auditorium* : This work was completed at a total cost of Rs. 0.38 lakhs.

(15) *Sentry Sheds* : This work was completed at a total cost of Rs. 0.55 lakhs.

Baroda

A hand tube-well was installed during the year at a cost of Rs. 6,500/.

Hyderabad

(1) *Civil Works* : This work comprising of construction of office block and staff quarters including internal roads, sanitary and water supply lines, awarded to M/s. P. Viswanadha Raju was completed. Electricity supply was made available by the Electricity authorities in the first week of December 1986.

Although necessary storage tank etc. were ready for drinking water, the Panchayat has not yet given the water connection. A sum of Rs. 3,300/- had been deposited with the Panchayat for water supply connection.

The expenditure incurred on civil works (Running Bills) from 1.4.86 to 31.3.87 including partial payment on the final bill under verification and scrutiny by Architect was Rs. 10.60 lakhs.

(2) *Electrical Installation* : This work consisting of internal lighting, fixtures and fans in office and street lighting was completed by M/s. Vikas Power Craft who had been awarded the tender. The expenditure incurred during the year was Rs. 2,10,613.85 including the deposit of Rs. 61,710/- made to APSEB for transformer, internal street light poles, fixtures etc.

FIFTYFIFTH ANNUAL REPORT : 1986-87

(3) *Boundary wall* : This work awarded to M/s. Jai Bharati Builders is almost complete except for fixing of gates and some grills in the front. The expenditure incurred during the year was Rs. 1.14 lakhs.

(4) *Occupation of Buildings* : Office started functioning in the new campus from 1.1.1987. Type A & B quarters were certified by the Architect in December 1986 for occupation. Two in Type A quarters were allotted in March 1987 and one has been occupied. Applications for allotment of Type B quarters were under consideration. Since energy meters had not yet been installed in C & D type, Architect's certificate has also not been received yet and hence allotment not yet taken up.

Madras

Works Advisory Committee has been constituted by the Council. The committee evolved a tentative plan and space requirement for the proposed building.

14. LIST CONTAINING THE NAMES OF PRESIDENT OF THE INSTITUTE
AND CHAIRMAN AND MEMBERS OF THE COUNCIL
AND MEMBERS OF DIFFERENT COMMITTEES OF
THE COUNCIL AND ACADEMIC COUNCIL
AS ON 31 MARCH 1987

President : Shri Subimal Dutt, ICS (Retd.)

The Council

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

Representatives of Government of India (4)

2. (i) Shri M. G. Sardana, Director General, Central Statistical Organisation, and Additional Secretary, Department of Statistics, Ministry of Planning, Government of India, Sardar Patel Bhavan, Parliament Street, New Delhi.
3. (ii) Mrs. Janaki Kathpalia, Joint Secretary, Government of India, Department of Expenditure and Financial Adviser to the Department of Statistics, Ministry of Finance, Department of Expenditure, North Block, New Delhi.
4. (iii) Dr. V. K. Mishra, Director, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi.
5. (iv) Shri S. P. Gothoskar, Principal Advisor, Department of Statistical Analysis & Computer Services, Reserve Bank of India, Government House, Bombay.

INDIAN STATISTICAL INSTITUTE

Scientists not employed in the Institute (7)

Representative of ICSSR (1)

6. Professor Iqbal Narain, Member-Secretary, Indian Council of Social Science Research, 35, Feroz Shah Road, New Delhi.

Representative of INSA (4)

7. (i) Professor S. K. Trehan, FNA, Professor of Applied Mathematics, Punjab University, Chandigarh.
8. (ii) Professor C. G. Khatri, FNA, Professor of Statistics, Gujarat University, Ahmedabad.
9. (iii) Professor G. K. Manna, FNA, Department of Zoology, Kalyani University, Kalyani, West Bengal.
10. (iv) Professor Virendra Singh, FNA, Senior Professor, Tata Institute of Fundamental Research, Homi Bhabha Road, Bombay.

Scientists Co-opted by the Council (2)

11. (i) Professor Suahil Kumar Mukherjee, 332, Jodhpur Park, Calcutta.
12. (ii) Professor M. G. Nadkarni, Centre of Advanced Study in Mathematics, University of Bombay, Lokmanya Bal Gangadhar Tilak Bhavan, Vidyanagari, Vidyanagari Marg, Bombay.

Elected representatives of the members of the Institute not employed in the Institute (2)

13. (i) Dr. P. K. Bose, M.Sc., Ph.D. (Cal), F.S.S. (London) F.S.I. (Ind.), F.I.Q.A. (Eng.) F.N.A. Sc., Formerly Centenary Professor and Head of the Department of Statistics, University of Calcutta, Calcutta.
14. (ii) Dr. Pravin Visaria, Director, The Gujarat Institute of Area Planning, Pritam Rai Marg, Ahmedabad.

Elected Representatives of the employees of the Institute (2)

15. (i) Shri Atis Das Gupta, Representative of Scientific workers of the rank below that of Associate Professor or equivalent.
16. (ii) Shri Sudev Gupta, Representative of non-scientific workers.

Officers of the Institute (ex-officio) (8)

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

FIFTYFIFTH ANNUAL REPORT : 1986-87

19. (iii) Dr. S. K. Pal, Professor-in-Charge, Applied Statistics, Surveys and Computing Division.
20. (iv) Dr. Dwijesh Dutta Majumder, Professor-in-Charge, Physical and Earth Sciences Division.
21. (v) Dr. Nikhilesh Bhattacharya, Professor-in-Charge, Social Sciences Division.
22. (vi) Dr. Biswanath Mukherjee, Professor-in-Charge, Biological Sciences Division.
23. (vii) Shri N. Srinivasan, Head, Statistical Quality Control and Operations Research Division.
24. (viii) Head, Delhi Centre.
25. (ix) Dr. A. Ramachandra Rao, Dean of Studies.

Shri Biman Bose, Officer-on-Special Duty (Administration & Finance),
Acted as non-member Secretary.

List of Members of the Academic Council

1. Professor J. K. Ghosh, Director — *Chairman*
2. Dr. A. R. Rao, Dean of Studies — *Convener*

Theoretical Statistics and Mathematics Division

3. Dr. E. M. Paul, 4. Dr. A. K. Roy, 5. Dr. T. J. Rao, 6. Dr. Suresh Dasgupta,
7. Dr. S. B. Rao, 8. Dr. B. V. Rao, *9. Dr. T. P. Tripathi, *10. Dr. K. Sikdar, 11. Dr.
K. P. S. B. Rao, 12. Dr. G. Jogesh Babu, 13. Dr. Bikash Sinha, 14. Dr. A. Maitra,
15. Dr. K. R. Parthasarathy, 16. Dr. Sujit K. Mitra, 17. Dr. T. Parthasarathy,
18. Dr. B. L. S. P. Rao, 19. Dr. K. B. Sinha, 20. Dr. G. A. Swarup, 21. Dr. T. V.
Hanurav, 22. Dr. Alladi Sitaram.

Applied Statistics, Surveys and Computing Division

23. Dr. B. N. Mukherjee, 24. Dr. S. K. Pal, 25. Dr. Arijit Chaudhuri, 26. Dr.
A. C. Mukhopadhyay, 27. Dr. J. Roy, *28. Dr. Bimal Kumar Roy, *29. Dr. P. P.
Mujumdar, 30. Shri Dobbas Chaudhuri, 31. Shri Subhas Chandra Kundu.

Physical and Earth Sciences Division

32. Dr. D. Dutta Majumder, 33. Prof. Asoko Dutta, 34. Dr. J. Das, *35. Dr.
Siddheswar Roy, 36. Dr. Ambarish Ghosh, 37. Dr. M. K. Chakrabarti, 38. Prof. P.
Bandyopadhyay, 39. Shri Ashis Sen, 40. Dr. S. L. Jain, 41. Dr. T. Roy Chowdhury,
*42. Dr. Dilip Saha.

*Representative selected by the Divisional Committees of Scientific Workers.

INDIAN STATISTICAL INSTITUTE

Biological Sciences Division

43. Prof. S. K. Roy, 44. Dr. K. C. Malhotra, 45. Dr. Amitabha Basu, 46. Dr. K. Pakrasi, 47. Prof. Biswanath Mukherjee, 48. Prof. R. L. Brahmachari, *49. Mrs. Sunanda Chanda, *50. Dr. P. C. Das Chaudhuri.

Social Sciences Division

51. Dr. N. Bhattacharya, 52. Dr. Sanjit Bose, 53. Dr. D. Das Gupta, 54. Dr. Robin Mukherjee, 55. Dr. M. N. Pal, *56. Dr. Abhirup Sarkar, *57. Shri Samir Guha Roy, 58. Dr. L. S. Bhat, 59. Dr. V. K. Chetty, 60. Dr. B. S. Minhas, 61. Dr. Parkash Chander, 62. Dr. Atul Sarma, 63. Dr. P. N. Mukherjee, 64. Dr. Bhaskar Datta, 65. Dr. N. S. Iyengar.

SQC and OR Division

66. Shri C. A. Setty, 67. Dr. K. G. Ramamurthy, 68. Shri A. N. Nankana, 69. Shri B. K. Sarkar, *70. Shri S. C. Chakravarty, *71. Dr. S. R. Mohan, 72. Shri V. Narayana, 73. Shri N. Srinivasan, 74. Shri S. M. Sundara Raju, 76. Shri C. R. Prasad, 78. Shri B. K. Pal.

Library, Documentation and Information Sciences Division

77. Dr. J. Misra, 78. Prof. G. Bhattacharyya.

Member-Secretary, ISEC, Calcutta

79. Dr. Shibdas Bandyopadhyay

Head, SQC T & P Unit

80. Dr. R. J. Pandey

Secretary, Examinations Committee

81. Dr. Parimal Mukhopadhyay.

List of Members of Different Committees of the Institute

1. Finance Committee

1. Director (Ex-officio Chairman), 2. Dr. P. K. Bose, Contenary Professor and Head, Department of Statistics (Retd.) Calcutta University, 3. Dr. S. N. Ray, Director General, Central Statistical Organisation, New Delhi, 4. Mrs. Janaki Kathpalia, Joint Secretary, Department of Expenditure, Ministry of Finance, New Delhi, 5. Shri Biman Bose, Officer-on-Special Duty (Administration & Finance), 6. Dr. D. Dutta Majumder, Indian Statistical Institute, Calcutta, (7) Dr. K. G. Ramamurthy, SQC & OR Unit, ISI, Dolhi Contro, 8. Dr. S. K. Pal, Professor in Charge, Applied Statistics, Surveys and Computing Division, ISI, Calcutta, 9. Shri N. Srinivasan, Hoad, SQC & OR, 10. Shri P. K. Chatterjee, Sr. Accounts Officer, ISI, Calcutta, 11. Dr. Robin Mukherjee, Economic Research Unit, 12. Shri S. S. Panja, Accounts Officer (Non-member Secretary).

*Representative selected by the Divisional Committees of Scientific Workers.

2. Journal Committee

Editors : Sankhya, Series A and B

Dr. C. R. Rao, Dr. G. Kallianpur and Dr. J. K. Ghosh.

Co-editors : Series A

1. Dr. G. Jogesh Babu, 2. Dr. S. K. Mitra, 3. Dr. K. R. Parthasarathy,
4. Dr. B. Ramachandran, 5. Dr. Bimal Kr. Sinha.

Co-editors : Series B

1. Dr. N. Bhattacharyya, 2. Dr. Dipankar Das Gupta, 3. Dr. Arijit Chaudhuri,
4. Dr. S. K. Mitra, 5. Dr. K. G. Ramamurthy, 6. Dr. J. Roy, 7. Dr. Bikash Kumar
Sinha.

Members of Journal Committee : Sankhya, Series A and B

1. Dr. R. R. Bahadur, 2. Dr. D. Basu, 3. Dr. S. K. Chatterjee, 4. Dr. Malay
Ghosh, 5. Dr. C. G. Khatri, 6. Dr. J. Sethuraman, 7. Dr. S. S. Shrikande, 8. Dr. S. R. S.
Varadhan, 9. Dr. R. P. Pakhiraajan, 10. Dr. M. N. Murthy, 11. Dr. B. L. S. Prakasa
Rao, 12. Dr. Sukhamay Chakravorty, 13. Dr. M. N. Pal, 14. Dr. T. J. Rao.

Editorial Secretary : Shri K. B. Goswami.

The Editors and Co-editors are ex-officio members of the Committee.

The Editorial Secretary will function as Convener of the Committee.

3. Examinations Committee

1. Professor S. P. Mukherjee (Chairman), Professor of Statistics, Calcutta
University, 2. Professor A. R. Rao, Dean of Studies, Indian Statistical Institute,
3. Dr. N. Bhattacharyya, Indian Statistical Institute, 4. Dr. C. R. Malakar, Indian
Statistical Institute, 5. Dr. D. Dasgupta, Indian Statistical Institute, 6. Dr. T. V.
Hanurav, Indian Statistical Institute, Hyderabad, 7. Officer in Charge, Training
Division, Central Statistical Organisation, 8. Professor A. N. Goon, Presidency
College, Department of Statistics, Calcutta, 9. Dr. Anis Mukhopadhyay, Indian
Statistical Institute, 10. Dr. Parimal Mukhopadhyay, Indian Statistical Institute
(Secretary—Convener).

4. Works Advisory Committee for Construction

(a) *Baranagore, Calcutta :*

1. Dr. P. K. Bose (Chairman), 2. Shri S. Bandyopadhyay (outside Expert),
3. Shri Tara Maitra, 4. Shri R. K. Lahiri, 5. Dr. Robin Mukherjee, 6. Prof. Ashok
Dutta, 7. Professor Biswanath Mukherjee, 8. Shri Supriya Gupta, 9. Shri Sanjoy
Sinha, 10. Shri Someu Bose, 11. Shri P. K. Mitra (Architect), 12. Shri A. Mukherjee
(Convener), 13. Officer on Special Duty (Shri Biman Bose).

(b) *Delhi :*

1. Mr. S. C. Bosemuliak, former Principal Secretary, Ministry of Commerce,
Government of India, 2. Shri R. S. Pansar, 3. Dr. K. R. Parthasarathy, 4. Dr. L. S.

INDIAN STATISTICAL INSTITUTE

Bhat, 5. Shri A. N. Nankana, 6. Shri C. S. Pasricha, 7. Dr. K. G. Ramamurthy, 8. Shri C. V. Gupta (Civil Engineer), 9. Shri Sadhan Chakravarty, 10. Shri C. B. Chandrasekhar, 11. Administrative Officer (Convener), 12. Officer on Special Duty (Shri Biman Bose).

(c) *Bangalore* :

1. Shri C. S. Seahadri (Chairman), 2. Prof. Srinagabhushana, 3. Dr. G. Bhattacharyya, 4. Shri C. A. Setty, 5. Dr. N. S. Iyenger, 6. One nominee of the Government of Karnataka, 7. Shri Panohaksariiah, Engineer-in-Charge, 8. Shri R. Narayana Rao (Non-member Convener), 9. Shri N. Srinivasan, 10. Prof. S. Natarajan, 11. Officer-on-Special Duty (Shri Biman Bose).

(d) *Madras* :

1. Dr. P. K. Bose (Chairman), 2 & 3. Outside experts to be co-opted by the Committee, 4. Shri C. R. Prasad, 5. Shri C. Y. Krishnamurthy, 6. Shri N. Srinivasan, 7. Officer-on-Special Duty (Shri Biman Bose).

(e) *Hyderabad* :

1. Prof. T. Navneeth Rao (Chairman), 2. Justice P. Jagmohan Reddy, 3. Shri T. L. Shankar, 4. Dr. T. V. Hanurav, 5. Shri V. Narayana (Convener) 6. Officer on Special Duty (Shri Biman Bose).

5. *Technical Advisory Committees of different Divisions*

I. *Theoretical Statistics and Mathematics Division* :

1. Professor J. K. Ghosh, Director (Chairman) 2. Professor M. S. Raghunathan, School of Mathematics, T.I.F.R. Bombay, 3. Professor M. G. Nadkarni, Department of Mathematics, University of Bombay, Bombay, 4. Professor S. K. Chatterjee, Department of Statistics, University of Calcutta, Calcutta, 5. Professor M. Raghavachari, Department of Statistics, I. I. M., Ahmedabad, Gujarat, 6. Professor A. K. Ray, Professor-in-Charge, (Convener).

II. *Applied Statistics, Surveys and Computing Division* :

1. Professor J. K. Ghosh, Director (Chairman) 2. Dr. K. C. Seal, Statistical Adviser, Planning Commission, New Delhi, 3. Dr. S. N. Roy, Chief Executive Officer, NSSO, New Delhi, 4. Shri M. G. Sardana, Director General, Central Statistical Organisation & Ex-officio Joint Secretary, Department of Statistics, Government of India, New Delhi, 5. Dr. B. R. Bhat, Professor of Statistics, Karnataka University, Dharwar, Karnataka, 6. Dr. Prem Narain, Director ICAR, Library Avenue, New Delhi, 7. Professor S. P. Mukherjee, Centenary Professor, Department of Statistics, Calcutta University, Calcutta, 8. Dr. Mohit Roy, Professor, Department of Electronics and

FIFTYFIFTH ANNUAL REPORT : 1986-87

Tele Communications, Jadavpur University, Calcutta, 9. Dr. A. K. Mukherjee, Calcutta, 10. Dr. S. K. Mukhopadhyay, Professor of Economics and Director, Centre of Human Resource Development, Department of Economics, University of Kalyani, Kalyani, 11. Dr. Amar Nath Bhaduri, Scientist (Director's Grade), Indian Institute of Chemical Biology, Jadavpur, Calcutta, 12. Dr. Sujit Bose, Professor of Statistics, Indian Institute of Management, Diamond Harbour Road, Joka, Calcutta, 13. Dr. S. K. Pal, Professor-in-Charge, (Convener).

III. *Physical and Earth Sciences Division*

1. Professor J. K. Ghosh, Director (Chairman), 2. Professor S. N. San, Department of Geology, Calcutta University, Calcutta, 3. Professor A. K. Saha, Head, Department of Geology, Presidency College, Calcutta, 4. Professor S. B. Bhatia, Chairman, Centre of Advanced Study in Geology and Head, Department of Geology, Punjab University, Chandigarh, 5. Professor Mahadeb Adhikari, P. C. Roy Professor of Agricultural Chemistry, College of Agriculture, University of Calcutta, Calcutta, 6. Professor A. N. Mitra, Department of Physics, Delhi University, Delhi, 7. Professor B. R. Nag, Institute of Radio Physics and Electronics, Calcutta University, Calcutta, 8. Professor J. Das, Calcutta, 9. Professor R. K. Verma, Physical Research Laboratory, Ahmedabad, 10. Professor A. K. Chowdhury, Department of Computer Science, Calcutta University, Calcutta, 11. Professor G. Krishna, Chairman, School of Automation, Indian Institute of Science, Bangalore, 12. Professor A. S. Gupta, Department of Mathematics, Institute of Science, Bangalore, 12. Professor A. S. Gupta, Department of Mathematics, Indian Institute of Technology, Kharagpur, 13. Professor B. L. Deekhatulu, Director, National Remote Sensing Agency, Hyderabad, 14. Professor P. Neyogi, Department of Mathematics, Indian Institute of Technology, Kharagpur, 15. Professor S. Khanrui, Head, Department of Mathematics, Jadavpur University, Calcutta, 16. Professor E. Bhagiratha Rao, Director and Dean, Institute of Armament Technology, Pune, 17. Dr. D. Dutta Majumder, Professor-in-Charge, (Convener).

IV. *Biological Sciences Division*

1. Professor J. K. Ghosh, Director (Chairman), 2. Shri H. K. Rakshit, Former Director, Anthropological Survey of India, Government of India, Calcutta, 3. Professor I. P. Singh, Proctor, Department of Anthropology, Delhi University, Delhi, 4. Professor J. J. Ghosh, Contenary Professor, Department of Biochemistry, University of Calcutta, Calcutta, 5. Professor Sivatoosh Mookherjee, School of Life Sciences, Jawaharlal Nehru University, New Delhi, 6. Dr. A. B. Roy, Reader, Department of Mathematics, Jadavpur University, Calcutta, 7. Dr. N. D. Datta Banik, Deputy Director General (Sr.), Indian Council of Medical Research, Ansari Nagar, New Delhi, 8. Dr. Narendra Singh, Former Scientist, Protein Central Food Technological Research Institute, Sajana, Mysore, 9. Professor B. B. Biswas, Director, Bose

INDIAN STATISTICAL INSTITUTE

Institute, Calcutta, 10. Professor D. K. Da Gupta, Vice-Chancellor, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal, 11. Professor P. V. Sukhatme, Department of Biometry, M.A.C.S. Research Institute, Law College, Road, Pune, 12. Professor M. D. Gadgil, Centre for Ecological Sciences, Institute of Science, Bangalore, 13. Dr. K. V. A. Bavappa, Director, Central Plantation Crop Research Institute, Kasargod, Kerala, 14. Dr. S. L. Kate, Professor & Head, Department of Biochemistry, B. J. Medical College, Pune, 15. Professor T. N. Khoshoo, Distinguished Scientist, Tata Energy Research Institute, New Delhi, 16. Dr. Prem Narain, Director, Indian Agricultural Research Statistics Institute, Library Avenue, New Delhi, 17. Dr. N. N. Goswami, Joint Director & Dean, Post Graduate School, Indian Agricultural Research Institute, New Delhi, 18. Professor B. N. Mukherjee, Professor-in-Charge, (Convener).

V. Social Sciences Division

1. Professor J. K. Ghosh, Director (Chairman), 2. Professor K. B. Pathak, International Institute of Population Studies, Bombay, 3. Professor Asok Mitra, ICS (Retd.) Calcutta, 4. Professor Anish Bose, Institute of Economic Growth, University Enclave, Delhi, 5. Professor Mihir Rakshit, Centre for Advanced Studies, Presidency College, Calcutta, 6. Professor K. L. Krishna, Delhi School of Economics, University of Delhi, Delhi, 7. Professor N. Krishnaji, Centre for Studies in Social Sciences, Calcutta, 8. Professor T. N. Krishnan, Director, Centre for Development Studies, Ulloor, Aakulam Road, Trivandrum, 9. Dr. B. P. Mahapatra, Deputy Registrar General, Language Division, Calcutta, 10. Professor R. N. Srivastava, Department of Linguistics, Delhi University, Delhi, 11. Professor P. Ananthkrishnan, Head, Psychology Department, University of Madras, Madras, 12. Professor Shib K. Mitra, Ex-Director, N.C.E.R.T., New Delhi, 13. Professor Atmanand Sharma, Dean of Research, NCERT, New Delhi, 14. Professor Surajit C. Sinha, Director, Centre for Studies in Social Sciences, Calcutta, 15. Professor Barun De, Professor of History, Centre for Studies in Social Sciences, Calcutta, 16. Professor Satish Saberwal, Professor of Sociology, Centre for Historical Studies, School of Social Sciences, Jawaharlal Nehru University, New Delhi, 17. Professor N. Bhattacharyya, Professor-in-Charge, (Convener).

VI. Statistical Quality Control and Operations Research Division

1. Professor J. K. Ghosh, Director (Chairman), 2. Shri P. N. Arumugham, Group General Manager (Quality), Bharat Heavy Electricals Ltd., New Delhi, 3. Shri Y. K. Bhat, Director, Hyderabad Branch, Indian Standards Institution, Hyderabad, 4. Shri M. V. Raman, Regional Director, National Productivity Council, Bangalore, 5. Shri G. V. S. Desikan, Chairman, Kerala State Textile Corporation Ltd., 6. Shri R. S. Gupta, Dr. Executive Director, National Productivity Council, New Delhi, 7. Dr. N. K. Jaiswal, New Delhi, 8. Shri N. Srinivasan, Head, SQC & OR Division, (Convener).

VII. *Library, Documentation and Information Sciences Division*

1. Professor J. K. Ghosh, Director (Chairman), 2. Dr. V. A. Kamath, Retired Head, Bhabha Atomic Research Centre, Bombay, 3. Sm. Kalpana Dasgupta Librarian, National Library, Calcutta, 4. Shri V. B. Nanda, Librarian, Jawaharlal Nehru University, New Delhi, 5. Professor A. P. Srivastava, University Librarian & National Fellow, Indian Institute of Advanced Studies, Simla, 6. Dr. P. S. K. Sharma, Librarian, University Grants Commission, New Delhi, 7. Dr. I. N. Sengupta, Scientist-in-Charge, Library & Documentation, Indian Institute of Chemical Biology, Calcutta, 8. Dr. Pullin Barua, Professor & Head, Department of Library & Information Science, Burdwan University, Burdwan, 9. Shri A. R. Chakraborty, Chief Librarian, Jadavpur University Library, Jadavpur, Calcutta, 10. Dr. Jogesh Misra, Chief Librarian, (Convener).

INDIAN STATISTICAL INSTITUTE

Part IV. Statement of Accounts and Auditors' Report for the year 1986-1987

AUDITORS' REPORT

We have audited the attached Balance-sheets of Indian Statistical Institute as at 31st March, 1987 for

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

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

The Balance-sheets and the Income and Expenditure Accounts as referred to above and produced before us for our verification are in agreement with the books of account and records maintained by the Institute. In our opinion and according to information and Explanations given to us, the said accounts, read with the Notes on Accounts (Schedule X) 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 to the extent indicated therein.

14 Southern Avenue,
Calcutta-700 028.
30 November, 1987.

SUTARWALA & COMPANY
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

BALANCE SHEET

As at 31st March 1967 Rs. P.	Fund and Liabilities	Rs. P.	As at 31st March 1967 Rs. P.
10,35,58,628.98	1. GENERAL FUND : As per Schedule VII		11,85,67,899.91
98,46,385.19	2. OTHER FUNDS : As per Schedule IV contra (Excluding Director's Contribution Fund, Indian Statistical Institute Contributory Provident Fund and General Provident Fund)		1,17,81,966.01
7,20,000.00	3.1 GRANT-IN-AID FOR FLOOD ADVANCE TO STAFF : As per last account		7,20,000.00
38,70,366.00	2 GRANT-IN-AID FOR HOUSE BLDG. ADVANCE TO STAFF As per last account Add : received during the year	38,50,000.00 5,00,000.00	
	3 INTEREST ON HOUSE BLDG. ADVANCE REALISED FROM STAFF	43,50,000.00 35,886.00	43,85,886.00
1,183.29	4 ROCKFELLER FOUNDATION GRANT PER CONTRA		
—	5. ENDOWMENT FUND FOR LECTURE IN ECONOMICS ..		10,929.27
72,02,760.54	6. DEPOSITS AND OTHER LIABILITIES As per Schedule VIII	65,77,398.68	
81,058.53	ADDITIONAL EMOLUMENTS COMPULSORY DEPOSIT ..	81,058.53	86,58,465.11
5,44,138.31	7. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF CAPITAL EXPENDITURE GRANT .. As per Schedule IX		72,41,618.83
—	8. EXCESS OF RECEIPTS OVER EXPENDITURE FOR ACQUISITION OF GUPTA NIWAS : As per Schedule IXA		70,00,000.00
41,48,097.42	9. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF MISC. PROJECT ACTIVITIES : As per Schedule V		47,81,500.98
1,92,300.00	10. LIABILITIES FOR NATIONAL SAVINGS CERTIFI- CATES LODGED BY OUTSIDE PARTIES PER CONTRA		1,48,700.00
	11. NOTES ON ACCOUNTS : As per Schedule X enclosed		
<u>13,01,72,787.26</u>			<u>16,13,56,886.41</u>

14 Southern Avenue,
Calcutta 700 028.
20 November, 1967

(S. SENGUPTA)
Accounts Officer

(S. S. PANJA)
Accounts Officer

FIFTYFIFTH ANNUAL REPORT : 1986-87

AS AT 31ST MARCH, 1987

As at 31st March 1986 Rs. P.	Property and Assets	Rs. P.	As at 31st March 1987 Rs. P.
9,68,98,616.20	1. FIXED ASSETS : As per Schedule I		11,16,63,057.83
48,76,058.51	2. INVESTMENT AT COST Interest accrued on above	41,94,845.80 5,91,032.45	47,86,878.05
3,08,807.21	3. STOCK OF SUNDRY MATERIALS		5,58,966.94
68,603.32	4. ADDL. DEARNESS ALLOWANCE DEPOSITED WITH REGIONAL PROVIDENT FUND COMMISSION		68,603.32
	5.1 LOANS AND ADVANCES : As per Schedule III	50,89,907.88	
1,04,32,224.72	5.2 HOUSE BUILDING ADVANCE TO STAFF :	48,91,598.00	99,81,503.88
98,48,365.19	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)		1,17,81,888.01
32,45,630.23	7. EXCESS OF EXPENDITURE OVER RECEIPTS IN RESPECT OF MISC. PROJECTS AND ACTIVITIES ON BEHALF OF THE GOVT. OF INDIA AND OTHER BODIES : As per Schedule V		37,32,977.79
1,82,300.00	8. NATIONAL SAVINGS CERTIFICATES LODGED BY OUT- SIDE PARTIES PER CONTRA		1,48,700.00
11,64,485.72	9. EXCESS OF EXPENDITURE 1985-86 OVER RECEIPTS IN RESPECT OF NON-PLAN REVENUE EXPENDITURE GRANT RECEIVED FROM GOVT. OF INDIA 1986-87 <i>Less</i> : Amount adjusted as per contra	11,64,486.72 12,87,888.28	24,42,351.88
2,674.27	10. EXCESS OF EXPENDITURE 1985-86 OVER RECEIPTS IN RESPECT OF PLAN REVENUE 1985-86 EXPENDITURE GRANT RECEIVED FROM GOVERNMENT 1986-87	2,674.27 1,35,383.50	1,38,067.77
—	11. ENDOWMENT FUND FOR LECTURE IN ECONOMICS :		10,829.67
27,68,122.88	12. CASH AND BANK BALANCE : As per Schedule VI		
	12.1 Cash in hand	52,119.22	
	Cash at Bank	1,80,22,085.26	1,80,74,184.47
13,01,72,767.28			18,13,08,886.41

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

(RIMAN NAG)
 Chief Administrative Officer

(J. K. GHOSH)
 Director
 Indian Statistical Institute

SUTARWALA & Co.
 Chartered Accountants

INDIAN STATISTICAL INSTITUTE

INCOME AND EXPENDITURE ACCOUNT

Previous Year		Expenditure	Current Year	
Plan	Non-Plan		Plan	Non-Plan
Rs. P.	Rs. P.		Rs. P.	Rs. P.
8,22,130.10	3,35,16,210.15	1. Salary and Allowances	11,88,402.20	3,83,49,896.61
—	7,54,553.69	1A. Pension, graded relief & commuted value of pension etc.	—	10,40,908.78
1,01,000.05	11,48,815.48	2. Overtime allowance	1,00,883.05	10,79,725.53
—	—	3. Payment of leave vacancies	—	—
—	1,459.50	4. Children Education allowance	—	2,170.00
—	13,11,666.45	5. Leave Travel Concession	47,515.10	23,82,203.15
—	3,88,700.15	6.1 Reimbursement of Medical Expenses	13,120.30	3,88,697.33
14,000.00	7,34,777.77	2 Expenses on Medical welfare to staff, students, research scholars, visiting professors etc.	16,000.00	6,35,893.70
2,100.25	13,82,803.67	7. Employer's contribution to Provident Fund	4,882.30	13,70,052.17
—	7,44,703.03	8. Gratuity Payment	—	7,68,511.31
6,37,116.20	8,14,010.58	9. Travelling expenses	6,18,127.10	8,32,481.72
—	2,98,308.70	10. Visiting Professors, foreign scientists, fellows & experts	—	3,31,723.30
1,07,884.72	17,93,215.25	11. Scholarship, stipend and other assistance to trainees	38,490.85	16,59,992.89
—	—	12. Prize to workers for initiative	—	—
3,23,562.65	4,64,710.18	13. Printing & Publication	1,77,625.00	4,90,305.72
91,478.07	1,40,117.55	14.1 Society type activities (entertainment and conference expns.)	20,989.00	1,42,563.35
—	49,267.89	2 Examination expenses	—	55,198.61
8,10,042.76	24,20,875.82	15. Books, Journals etc.	9,92,088.00	35,08,989.50
1,40,095.03	5,86,110.45	16. Repair, Replacement & Maintenance of Office equipment, accessories	80,069.00	7,71,210.84
3,63,324.70	19,59,866.10	17. Stationeries, Consumable Stores, Advertisement, Insurance, Labour charges, conveyance and petty expenses etc.	3,69,250.00	19,21,130.04
83,02,764.88	4,94,17,881.18	Carried over	38,62,300.00	5,48,46,904.48

FIFTYFIFTH ANNUAL REPORT: 1986-87

FOR THE YEAR ENDED 31st MARCH 1987

Previous Year		Income	Current Year	
Plan	Non-plan		Plan	Non-plan
Rs. P.	Rs. P.		Rs. P.	Rs. P.
		1. Grant-in-aid from Govt. of India		
—	5,09,50,000.00	.1 For Non-plan Current Expenditure ..	—	5,78,00,000.00
—	5,00,000.00	Less : Ear-marked for House Bldg. loan ..	—	5,00,000.00
	5,04,50,000.00			5,71,00,000.00
40,00,000.00	—	2. For Plan current Expn. ..	40,00,000.00	—
—	—	.1 In respect of BQC membership fees, Training etc. ..	18,73,472.18	—
—	7,00,000.00	Less : Transferred to BQC Development Fund ..	9,73,472.18	7,00,000.00
		3. Internal Receipts :		
—	49,784.97	(a) Membership Subs. ..	—	43,795.13
—	1,93,914.80	(b) Fees for Training course and sale proceeds of Syllabus etc. ..	—	2,15,047.82
—	4,795.00	(c) Examination fee & other Receipts ..	—	7,427.25
—	25,881.84	(d) Receipt from sale of produce at Giridih Experimental Farm etc. ..	—	27,779.77
—	74,320.00	(e) Service charges for work done by Psychometry, Computer Science Unit etc. ..	—	—
—	8,72,554.51	(f) Miscellaneous receipts ..	—	8,09,052.89
2,874.27	11,55,052.17	3. Excess of Expenditure over Income transferred to Balance Sheet ..	1,35,393.50	12,87,866.26
40,02,874.27	5,38,26,893.09	Carried over ..	41,35,393.50	5,01,90,978.98

INDIAN STATISTICAL INSTITUTE

INCOME AND EXPENDITURES ACCOUNT				
Previous Year		Expenditure	Current Year	
Plan	Non-plan		Plan	Non-plan
Rs. P.	Rs. P.		Rs. P.	Rs. P.
33,02,764.53	4,84,17,881.13	Brought forward	36,83,250.00	5,48,45,504.48
		18. Non-Salary Contingencies		
2,53,049.00	18,84,037.85	.1 Postage, freight, Electricity, Telephone charges etc.	3,06,013.00	22,34,888.61
—	34,130.00	.2 Audit fee and expns.	—	21,880.80
—	11,788.76	.3 Interest and Bank charges	—	18,553.51
—	12,54,696.06	19. House rent, and taxes	—	13,36,814.25
—	5,65,363.68	20. Repair and/or maintenance of Bldg. land etc. and petty construction etc.	—	7,28,979.59
1,10,120.25	4,22,696.85	21. Transport	1,59,630.00	4,35,338.16
6,000.00	9,80,182.81	22. Workers' welfare and amenities (excluding reimbursement of Medical expenses)	6,500.00	3,92,807.65
—	4,322.88	23. Director's Discretionary expenses	—	—
3,30,740.48	3,06,642.85	24.1 Laboratory stores, Tools and Minor accessories, Reprography consumables	—	3,08,213.03
—	84,681.92	.2 Materials and other charges for Experimental farming and Rice Research Scheme	—	88,219.77
<u>40,02,874.27</u>	<u>5,33,26,203.09</u>		<u>41,25,383.50</u>	<u>6,01,90,978.92</u>

NOTES: (a) This account does not include the transactions in respect of Population Research Centre, ISDC, Colombo Plan SCAAP, CFTC Fellowship, Receipts and Expenditure of re-imbursable projects of other Sponsoring authorities as well as Income and Expenditure of other Funds which are exhibited in details in Schedules IV, V, VI and Annexure I.

(b) An amount of Rs. 37,92,051.65 being depreciation on fixed assets has been adjusted in General Fund

(c) Income are accounted on Cash basis and in the absence of prior period adjustment account respective heads of expenditure accounts of earlier years transactions have been debited.

(d) Explanatory note on Excess of Expenditures over Income is attached.

14 Southern Avenue,
Calcutta-700 020.
30 November, 1987.

(S. SENGUPTA)
Accounts Officer

(S. S. PANJA)
Accounts Officer

FIFTYFIFTH ANNUAL REPORT : 1986-87

FOR THE YEAR ENDED 31st MARCH 1987

Previous Year		Income	Current Year	
Plan	Non-plan		Plan	Non-plan
Rs. P.	Rs. P.		Rs. P.	Rs. P.
40,02,674.27	5,33,28,293.09	Brought forward ..	41,35,393.60	6,01,90,978.92

40,02,674.27	5,33,28,293.09	41,35,393.60	6,01,90,978.92
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Explanatory note

1. As per Audited Statement of Accounts total expenditure on non-plan side for 1986-87 is Rs. 601.90 lakhs. This includes a sum of Rs. 36 lakhs (approximately) on account of payment of salary (arising out of introduction of revised pay scales in the light of 4th Pay Commission's recommendations) made to a large section of groups B, C, D employees. Excluding 4th Pay Commission's impact, expenditure thus comes to Rs. 565.90 lakhs as against non-plan grant of Rs. 498 lakhs (total grant Rs. 676 lakhs, less Rs. 100 lakhs for "Gupta Nivaa", less Rs. 73 lakhs being the impact of 4th Pay Commission and less Rs. 5 lakhs for House Building Advances). As much the excess of expenditure over income after adjustment of non-plan grant for Rs. 498 lakhs and internal receipt of Rs. 18 lakhs comes to Rs. 49.90 lakhs.

2. Out of 73 lakhs provided by the Govt. on account of Fourth Central Pay Commission's impact, the Institute has spent Rs. 36 lakhs during the year 1986-87, leaving an unspent balance of Rs. 37 lakhs. This unspent balance was utilised to meet the deficit on other items as mentioned and made known to the Government vide Institute's letter no. D.D./1309 dated 31st March 1987. Government approval for this action of the Institute was conveyed to the Institute in Department of Statistics, Ministry of Planning, Government of India's letter no. D.O. No. 0-13012/1/87-Coord dated 11 May 1987.

3. While projecting Revised Estimate of the Institute for 1987-88, Institute had indicated a total expenditure, (subject to audit and adjustment) of Rs. 558.97 lakhs for the year 1986-87 (excluding payment of Rs. 36 lakhs on account of 4th Pay Commission) as against Govt. non-plan grant of Rs. 498 lakhs and Institute's internal receipts of Rs. 17 lakhs for 1986-87; resulting in an excess of expenditure over income for Rs. 43.07 lakhs. As per Audited Statement of Accounts, the excess of expenditure over income comes to Rs. 12.88 lakhs. The actual excess of expenditure over income however virtually comes to Rs. 49.90 lakhs in view of what has been stated in paras 1 and 2 above. The excess of Rs. 6.03 lakhs (Rs. 49.90 lakhs—Rs. 43.87 lakhs) is due to payment of new Dearness allowance announced by Government w.e.f. 1st July 1986 which was paid to groups B, C, D employees of the Institute enjoying the revised pay scale in the light of recommendations of 4th Pay Commission, within 31st March 1987. Since Institute had claimed this D.A. (w.a.f. 1.7.86) in the R.E. of 1987-88, it will not be necessary for Government to reimburse this amount to the Institute.

4. Government would, however, be approached in due course, with recommendations of Finance Committee and approval of the Council of the Institute to provide a grant of Rs. 43.97 lakhs to the Institute to meet the ways and means difficulties.

(BIDAK BOSE)
Chief Administrative Officer

(J. K. GROSS)
Director
Indian Statistical Institute

SUTARWALA & CO.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE

SCHEDULE OF FIXED ASSETS

Sl. No.	Particulars	Written down	Deletions/	Value after
		value as on 31st March 1955	adjustment made during the year	deletions/adjustment (col. 2-3)
	(1)	(2)	(3)	(4)
		Rs. P.	Rs. P.	Rs. P.
A. Land and Land Development:				
1. Calcutta:				
.1	At 153, Gopal Lal Tagore Road (adjoining 203 B. T. Road) ..	55,545.90	—	55,545.90
.2	Development of above land	40,524.75	—	40,524.75
.3	At 205 B. T. Road (including cost of development) ..	4,57,840.70	—	4,57,840.70
.4	At 155, 154, 155 & 151/1 Gopal Lal Tagore Road	95,652.71	—	95,652.71
.5	Development of above Lands	8,518.81	—	8,518.81
.6	At 204 B. T. Road (including cost of Development) ..	21,38,174.54	—	21,38,174.54
.7	At 202 B. T. Road	5,79,104.75	—	5,79,104.75
.8	At 203 B. T. Road	97,558.95	—	97,558.95
.9	Bidyayatan Sarani	50,000.00	—	50,000.00
.10	159 Gopal Lal Tagore Road	1,03,855.00	—	1,03,855.00
.11	Ad-hoc Payment for acquisition of land at Gupta Niwas ..	—	—	—
2. Giridih:				
.1	Farm Land	24,175.87	—	24,175.87
.2	Development and fencing etc.	1,14,171.40	—	1,14,171.40
.3	Farming development	10,682.00	—	10,682.00
.4	Irrigation & Water Supply	28,215.00	—	28,215.00
.5	In village 'Makaspur', Giridih	1,34,526.87	—	1,34,526.87
.6	Purchased from Smt. Prakriti Devi Gangopadhyas ..	14,000.00	—	14,000.00
.7	Rose Villa	1,07,502.72	—	1,07,502.72
.8	Biroja Kutir	7,445.19	—	7,445.19
3. Delhi:				
.1	Lease-hold (see note (a) below)	24,72,784.12	—	24,72,784.12
.2	Development of above land	90,957.57	—	90,957.57
4.	Baroda	27,511.33	—	27,511.33
5.	Bangalore (see note (b) below)	4,27,568.78	—	4,27,568.78
6.	Hyderabad	1,14,385.00	—	1,14,385.00
7.	Madras	71,582.50	—	71,582.50
8.	Takda Planters Club (lease-hold, Darjeeling) (see note (c) below)	15,405.25	—	15,405.25
Sub-total:		72,94,978.12	—	72,94,978.12

NOTES: (a) For lease-hold land at Delhi, lease deed has not yet been executed pending which no write off of the value could be made.

(b) Purchased out of non-marked donation received from Statistical Publishing Society.

(c) Lease-hold land, building etc. acquired in 1954-55 for 54 years. Depreciation represents value written off @ Rs. 481.45 per year.

FIFTYFIFTH ANNUAL REPORT: 1988-87

1-Contd.

as on 31st March 1987

Depreciation for the year		Net Value (col. 4 + 5)	Additions during the year			Written down value as on 31st March 1987 (col. 8 + 7.2)
Rate %	Amount		ous of capital expenditure grants (7.0)	ous of current expenditure grants (7.1)	Total (col. 7.0 + 7.1) (7.2)	
(3.0)	(5.1)	(6)	(7.0)	(7.1)	(7.2)	(8)
	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
—	—	85,645.00	—	—	—	85,645.00
—	—	40,524.76	—	—	—	40,524.76
—	—	4,57,840.70	—	—	—	4,57,840.70
—	—	96,863.71	—	—	—	96,863.71
—	—	6,618.51	—	—	—	6,618.51
—	—	21,36,174.64	—	—	—	21,36,174.64
—	—	5,79,164.75	—	—	—	5,79,164.75
—	—	97,558.95	—	—	—	97,558.95
—	—	50,000.00	—	—	—	50,000.00
—	—	1,03,855.00	—	—	—	1,03,855.00
—	—	—	30,00,000.00	—	30,00,000.00	30,00,000.00
—	—	24,175.67	—	—	—	24,175.67
—	—	1,14,171.40	—	—	—	1,14,171.40
—	—	10,882.00	—	—	—	10,882.00
—	—	28,215.00	—	—	—	28,215.00
—	—	1,34,836.67	—	—	—	1,34,836.67
—	—	14,000.00	—	—	—	14,000.00
—	—	1,07,502.72	47,602.87	—	47,602.87	1,55,065.30
—	—	7,445.19	—	—	—	7,445.19
—	—	24,72,764.12	—	—	—	24,72,764.12
—	—	90,967.57	—	—	—	90,967.57
—	—	27,611.32	—	—	—	27,611.32
—	—	4,27,668.78	2,74,336.00	—	2,74,336.00	7,01,804.76
—	—	1,14,366.00	—	—	—	1,14,366.00
—	—	71,562.50	—	—	—	71,562.50
—	481.42	14,023.84	—	—	—	14,923.84
—	481.42	72,04,490.70	33,21,898.87	—	33,21,898.87	1,06,18,395.57

INDIAN STATISTICAL INSTITUTE

SCHEDULE

SCHEDULE OF FIXED ASSETS

Sl. No.	Particulars	Written down	Deletions/	Value after
		value as on 31st March 1988	adjustment made during the year	deletions/adjustment (col. 2-3)
	(1)	(2)	(3)	(4)
		Rs. P.	Rs. P.	Rs. P.
B. Buildings :				
I. Calcutta :				
.1	Partly at 205 B. T. Road and partly at 163 G. L. Tagore Road	6,00,148.21	—	6,00,148.21
.2	At 153 G. L. Tagore Road	7,37,624.06	—	7,37,624.06
.3	At 205 B. T. Road	15,62,575.23	—	15,62,575.23
.4	At 206 B. T. Road	55,728.80	—	55,728.80
.5	Boy's Hostel at 206 B. T. Road	20,93,079.04	—	20,93,079.04
.6	At 202 B. T. Road	48,156.51	—	48,156.51
.7	Purchase of flats at Palpara housing	2,44,169.83	—	2,44,169.83
.8	Composite Library Bldg. at 202 B. T. Road			
	(a) Completed work	67,97,046.29	—	67,97,046.29
	(b) Work-in-progress	65,35,017.86	—	65,35,017.86
.9	Boundary Wall	46,733.07	—	46,733.07
.10	Operator's House at 203 B. T. Road	24,091.87	—	24,091.87
.11	At 169 G. L. Tagore Road	14,523.70	—	14,523.70
.12	At Bidyaysan Sarani, Baranagore	6,989.35	—	6,989.35
.13	Staff Quarter at Deluxe Garden 160 G. L. Tagore Road :			
	Work-in-progress	29,88,347.34	—	29,88,347.34
.14	Construction of Faculty Building at 205 B. T. Road :			
	Work-in-progress	23,26,433.05	—	23,26,433.05
.15	Construction of Administrative Bldg. at 202 B. T. Road :			
	Work-in-progress	42,13,811.75	—	42,13,811.75
.16	Medical Welfare Unit :			
	Work-in-progress	8,25,399.83	—	8,25,399.83
.17	Hotel Building (Second) :			
	Work-in-progress	1,52,000.00	—	1,52,000.00
2. Giridih :				
.1	Rose Villa	2,38,293.45	—	2,38,293.45
.2	Health Home (see note (d) below)	0,430.14	—	0,430.14
.3	Boundary Wall	—	—	—
3. Delhi Construction :				
	(a) completed work	86,76,460.07	—	86,76,460.07
	(b) work-in-progress	32,87,074.02	—	32,87,074.02
4. Hyderabad well				
	Hyderabad Construction :			
	Work-in-progress	1,217.70	—	1,217.70
	Hyderabad Construction :			
	Work-in-progress	23,88,210.44	—	23,88,210.44
5. Bangalore Construction :				
	Work-in-progress	65,28,504.70	—	65,28,504.70
6. Boundary wall at Beroda				
	.. .. .	62,341.11	—	62,341.11
	Sub-total:	6,33,73,427.59	—	6,33,73,427.59

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

1—Contd.

FIFTYFIFTH ANNUAL REPORT : 1986-87

as on 31st March 1987

Depreciation for the year		Net Value (col. 4-8)	Additions during the year			Written down value as on 31st March 1987 (col. 6+7.2)
Rate %	Amount		out of capital expenditure grant (7.0)	out of current expenditure grant (7.1)	Total (col. 7.0+7.1) (7.2)	
(6.0)	(6.1)	(8)	(7.0)	(7.1)	(7.2)	(8)
	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
2.5%	15,228.70	5,93,919.61	—	—	—	5,93,919.61
2.5%	18,440.80	7,10,183.46	—	—	—	7,10,183.46
2.5%	99,094.38	15,22,510.85	—	—	—	15,22,510.85
2.5%	1,393.22	54,335.67	—	—	—	54,335.67
2.5%	52,228.97	20,40,752.07	2,85,329.00	—	2,85,329.00	23,26,081.07
2.5%	1,153.91	45,062.00	—	—	—	45,062.00
2.5%	8,104.99	2,38,094.84	—	—	—	2,38,094.84
2.5%	1,69,026.15	66,27,120.14	—	—	—	66,27,120.14
—	—	65,38,017.86	18,94,326.24	—	18,94,326.24	84,32,344.10
2.5%	3,505.01	43,228.50	—	—	—	43,228.50
2.5%	602.29	23,489.58	—	—	—	23,489.58
2.5%	393.09	14,160.70	—	—	—	14,160.70
2.5%	174.73	6,814.62	—	—	—	6,814.62
—	—	28,88,347.34	(-) 960.73	—	(-) 960.73	28,87,386.61
—	—	23,26,433.06	(-) 777.83	—	(-) 777.83	23,25,655.22
—	—	42,13,811.76	94,791.22	—	94,791.22	43,08,602.97
—	—	8,25,869.63	(-) 5,932.40	—	(-) 5,932.40	8,19,767.23
—	—	1,52,000.00	20,34,028.27	—	20,34,928.27	21,86,928.27
2.5%	6,982.33	2,33,311.12	44,008.90	—	44,068.90	2,77,410.08
2.5%	236.75	9,194.39	3,534.12	—	3,534.12	12,728.51
—	—	—	4,129.00	—	4,129.00	4,129.00
2.5%	2,16,580.25	84,58,563.82	—	—	—	84,58,563.82
—	—	82,87,074.02	91,654.27	—	91,654.27	83,78,628.29
2.5%	30.44	1,187.28	—	—	—	1,187.28
—	—	23,88,210.44	19,35,991.82	—	19,35,991.82	43,24,202.26
—	—	65,28,504.70	19,17,531.52	—	19,17,531.52	1,14,46,036.22
—	—	62,341.11	—	—	—	62,341.11
—	5,31,418.81	5,29,42,009.08	82,08,843.46	—	82,98,843.46	6,11,40,852.54

INDIAN STATISTICAL INSTITUTE

SCHEDULE

SCHEDULE OF FIXED ASSETS

Sl. No.	Particulars	Written down	Deletions/	Value after
		value as on 31st March 1968	adjustment made during the year	deletions/adjustment (incl. 5-3)
	(1)	(2)	(3)	(4)
		Rs. P.	Rs. P.	Rs. P.
C. Sheds and Structures:				
1. Calcutta:				
.1	203 B. T. Road & 143 G. L. Tagore Road	22,024.72	—	22,024.72
.2	At 205 B. T. Road	60,226.21	—	60,226.21
.3	At 164, 164, 165 & 169/1 Gopal Lal Tagore Road	13,496.50	—	13,496.50
.4	At 502 B. T. Road	1,13,968.62	—	1,13,968.62
.5	At 5 R. N. Tagore Road (for UNTAA Workshop situated on rental premises)	79,177.72	—	79,177.72
.6	Car Shed at 169 G. L. Tagore Road	60,453.75	—	60,453.75
.7	Staff Quarters at Bidyastan Sarani Work-in-progress	2,30,718.41	—	2,30,718.41
.8	Student's Hostel at 206 B. T. Road	32,073.75	—	32,073.75
.9	169 G. L. Tagore Road, Baranagore	17,814.43	—	17,814.43
.10	Post Office at 204 B. T. Road	133.15	—	133.15
.11	Bidyastan Sarani, Baranagore	346.18	—	346.18
.12	Construction of Security Comyry	36,994.59	—	36,994.59
.13	Construction of Rest Room for Pump Operator	10,658.84	—	10,658.84
2. Giridih:				
.1	Posty Construction	1,01,040.42	—	1,01,040.42
.2	Staff Quarters	1,01,657.27	—	1,01,657.27
.3	Farm's well	1,978.63	—	1,978.63
3. Delhi:				
.1	Partitions structures etc.	28,803.05	—	28,803.05
.2	Hut for a Chowkidar	442.53	—	442.53
.3	Boundary wall	21,376.87	—	21,376.87
.4	Road Construction	14,403.07	—	14,403.07
4. Hyderabad:				
	Hut for Chowkidar	1,673.62	—	1,673.62
5. Bangalore:				
	Temporary Structures—Office Shed	31,677.15	—	31,677.15
Sub-Total:		10,70,037.48	—	10,70,037.48

FIFTYFIFTH ANNUAL REPORT: 1986-87

I—Contd.

as on 31st March 1987

Depreciation for the year		Net Value (col. 4-5)	Additions during the year			Written down value as on 31st March 1987 (col. 6+7.2)
Rate %	Amount		out of capital expenditure grant	out of current expenditure grant	Total (col. 7.0+7.1)	
(6.0)	(6.1)	(6)	(7.0)	(7.1)	(7.2)	(8)
	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
7.5%	1,661.85	20,372.87	—	—	—	20,372.87
7.5%	3,766.96	46,450.25	—	—	—	46,450.25
7.6%	1,012.23	12,484.27	—	—	—	12,484.27
7.5%	8,547.04	1,05,420.98	—	—	—	1,05,420.98
—	6,938.32	73,239.40	—	—	—	73,239.40
7.5%	4,534.03	55,919.72	—	—	—	55,919.72
7.5%	17,978.88	2,21,739.53	—	—	—	2,21,739.53
7.5%	2,405.53	29,868.22	—	—	—	29,868.22
7.5%	1,338.08	16,478.35	—	—	—	16,478.35
7.5%	9.88	123.17	—	—	—	123.17
7.5%	25.96	320.22	—	—	—	320.22
7.5%	2,774.59	34,220.00	—	—	—	34,220.00
7.5%	799.41	9,859.43	—	—	—	9,859.43
7.5%	7,578.03	93,462.39	—	—	—	93,462.39
7.5%	14,374.29	1,77,282.98	—	—	—	1,77,282.98
7.5%	148.39	1,835.24	—	—	—	1,835.24
7.5%	2,160.22	26,042.83	—	—	—	26,042.83
7.5%	33.18	409.35	—	—	—	409.35
7.5%	1,603.19	19,772.68	—	—	—	19,772.68
7.5%	1,080.23	13,322.84	—	—	—	13,322.84
7.5%	125.44	1,647.18	—	—	—	1,647.18
7.5%	2,368.28	29,508.87	—	—	—	29,508.87
—	80,262.71	9,89,784.77	—	—	—	9,89,784.77

INDIAN STATISTICAL INSTITUTE

SCHEDULE

SCHEDULE OF FIXED ASSETS

Sl. No.	Particulars	Written down	Deletions/	Value after
		value as on 31st March 1966	adjustment made during the year	deltions/ adjustment (col. 2-3)
	(1)	(2)	(3)	(4)
		Rs. P.	Rs. P.	Rs. P.
D. Machinery Equipment :				
1	Calculating and Other tabulating equipment	3,74,709.19	—	3,74,709.19
2	Other Machinery & Equipment	10,68,835.51	—	10,68,835.51
3	Workshop Machinery & Equipment	3,087.21	—	3,087.21
4	Microfilm photo, reprography and optical equipment	5,84,554.45	—	5,84,554.45
5	Laboratory equipment (see note (e) below)	28,35,520.39	—	28,35,520.39
6	Construction equipment	7,232.83	—	7,232.83
7	UNTAA Workshop machinery & equipment	3,224.60	—	3,224.60
8	Electronic Computer (HEC-2M) and other tabulating equipment	3,652.54	—	3,652.54
9	Mini Computer at Delhi & Madras	1,15,220.30	—	1,15,220.30
10	Electronic Computer at Daranagore	22,23,311.55	—	22,23,311.55
11	Honey well computer (H-400)	30,271.05	—	30,271.05
Sub-Total :		72,49,919.53	—	72,49,919.53
E. Passenger Lift (completed)				
	.. ..	14,002.55	—	14,002.55
	do : Work-in-progress	4,60,437.90	—	4,60,437.90
F. Electrical equipment & installation :				
1	High tension electricity	1,51,808.58	—	1,51,808.58
2	Electrical equipment and fittings	32,59,050.92	—	32,59,050.92
3	High tension electricity for UNTAA WORKSHOP	9,996.47	—	9,996.47
4	Electrical installation for flume laboratory	5,718.33	—	5,718.33
5	Equipment for air-conditioning plant for Composite Library Building	3,35,905.62	—	3,35,905.62
6	Electrical installation and fittings for Composite Library Building	3,30,666.08	—	3,30,666.08
7	Electrical installation and fittings for Boy's Hostel at 206 B. T. Road	84,107.89	—	84,107.89
Sub-total :		41,76,653.89	—	41,76,653.89

NOTE: (e) Out of total addition, a sum of Rs. 43,037.20 received from International Statistical Institute.

FIFTYFIFTH ANNUAL REPORT: 1986-87

I—Contd.

as on 31st March 1987

Depreciation for the year		Net Value (col. 4-5)	Additions during the year			Written down value as on 31st March 1987 (col. 6+7.2)
Rate %	Amount		out of capital expenditure grant	out of current expenditure grant	Total (col. 7.0+7.1)	
(5.0)	(5.1)	(6)	(7.0)	(7.1)	(7.2)	(8)
	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
15%	59,206.37	3,18,502.82	29,563.04	—	29,563.04	2,46,056.76
15%	1,60,325.32	9,08,510.19	1,01,583.08	—	1,01,583.08	10,70,093.87
15%	463.08	2,824.13	—	—	—	2,824.13
15%	57,683.16	4,06,871.29	—	—	—	4,99,871.29
15%	4,35,359.05	24,10,192.34	5,58,891.44	—	5,58,891.44	29,69,053.78
15%	1,084.89	8,147.74	—	—	—	6,147.74
15%	483.70	2,740.99	—	—	—	2,740.99
15%	592.68	3,359.66	—	—	—	3,359.66
20%	23,044.06	92,176.24	2,05,000.00	—	2,95,000.00	3,87,176.24
20%	4,44,892.31	17,78,849.25	2,05,204.30	—	2,05,204.30	19,83,853.55
20%	6,054.21	34,216.85	—	—	—	34,216.85
—	12,05,928.03	60,43,991.50	12,47,233.38	—	12,47,233.38	72,91,224.88
10%	1,400.22	12,802.03	—	—	—	12,802.03
—	—	4,80,437.60	—	—	—	4,80,437.60
10%	16,180.85	1,38,447.73	60,737.83	—	60,737.83	1,97,186.68
10%	2,25,006.09	29,33,145.85	10,60,270.77	—	10,60,270.77	40,02,422.60
10%	969.64	8,728.33	—	—	—	8,728.33
10%	571.83	5,146.60	—	—	—	5,146.60
10%	33,580.66	3,02,226.06	—	—	—	3,02,226.06
10%	33,066.80	2,97,599.48	—	—	—	2,97,599.48
10%	8,410.76	76,696.93	—	—	—	76,696.93
—	4,17,665.33	37,56,988.30	11,30,014.00	—	11,30,014.00	48,88,002.96

INDIAN STATISTICAL INSTITUTE

SCHEDULE

SCHEDULE OF FIXED ASSETS

Sl. No.	Particulars	Written down	Deletions/	Value after
		value as on 31st March 1986	adjustment made during the year	deletions/ adjustment
	(1)	(2)	(3)	(4)
		Rs. P.	Rs. P.	Rs. P.
G.	Furniture & Fittings	35,87,400.16	—	35,87,400.16
H.	1 Books and Journals	1,77,01,389.36	—	1,77,01,389.36
	2 Books and Journals acquired out of Ford Foundation Grant	47,877.73	—	47,877.73
I.	Motor cars & Vehicles	10,61,816.43	—	10,61,816.43
J.	Library equipment (Including equipment procured through Ford Foundation Grant and Rockefeller Foundation Grant)	19,397.50	—	19,397.50
K.	Water Supply arrangements	4,86,544.88	—	4,86,544.88
L.	Overbridge : Calcutta	2,318.33	—	2,318.33
M.	Soviet Printing Machine (see note (f) below)	1,63,063.83	—	1,63,063.83
N.	S R C equipment	17,116.68	—	17,116.68
O.	F A I Project equipment (Furniture acquired through F A I Grant)	533.59	—	533.59
P.	Investigation of Statistical Problem connected with sediment transportation Project: Laboratory equipment acquired out of grant from Indian National Science Academy	6,830.84	—	6,830.84
Q.	P A B X installation : Delhi	14,248.84	—	14,248.84
	P A B X installation : Calcutta	1,49,610.10	—	1,49,610.10
	Internal telephone : Calcutta	841.15	—	841.15
R.	Survey Research Methodology Project : Calculating equipment acquired out of Grant from Indian Council of Social Science Research	369.74	—	369.74
GRAND TOTAL :		9,68,98,515.30	—	9,68,98,515.30

NOTES : (f) 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.

14, Southern Avenue,
Calcutta-7000 02,
30 November, 1987.

(S. SHARMA)
Accounts Officer

(S. S. PANJA)
Accounts Officer

FIFTYFIFTH ANNUAL REPORT: 1986-87

I—Contd.

as on 31st March 1987

Depreciation for the year		Net Value (col. 4-5)	Additions during the year			Written down value as on 31st March 1987 (col. 8+7.5)
Rate %	Amount		out of capital expenditure grant	out of current expenditure grant	Total (col. 7.0+7.1)	
(6.0)	(6.1)	(6)	(7.0)	(7.1)	(7.3)	(8)
	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
10%	3,58,740.01	32,28,860.16	8,83,787.47	—	8,83,787.47	30,12,427.62
5%	8,85,089.46	1,68,16,319.80	—	33,24,121.72	33,24,121.72	2,01,40,441.63
5%	2,393.88	45,483.85	—	—	—	45,483.85
20%	2,12,283.28	8,49,453.14	1,88,685.00	—	1,88,685.00	10,38,138.14
15%	2,809.58	16,487.62	—	—	—	16,487.62
10%	48,654.68	4,37,990.40	2,52,029.50	—	2,52,029.50	6,89,919.90
7.5%	173.97	2,144.46	—	—	—	2,144.46
15%	24,459.57	1,38,604.25	—	—	—	1,38,604.25
15%	2,687.80	14,549.18	—	—	—	14,549.18
10%	53.35	480.24	—	—	—	480.24
15%	1,024.69	5,806.05	—	—	—	5,806.05
10%	1,424.88	12,823.96	—	—	—	12,823.96
10%	14,951.01	1,34,669.09	—	—	—	1,34,669.09
10%	84.11	577.04	—	—	—	577.04
15%	55.46	314.28	—	—	—	314.28
—	37,92,051.55	9,31,00,463.85	1,51,22,472.28	33,24,121.72	1,84,46,603.98	11,15,53,057.83

(BIMAN BOSE)
Chief Administrative Officer

(J. K. GHOSH)
Director
Indian Statistical Institute

SUTARWALA & CO.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE II

SCHEDULE OF INVESTMENT AND INTEREST ACCRUED AS ON 31st MARCH 1987

Particulars	Investment		Accrued Interest		Total	
	Rs.	P.	Rs.	P.	Rs.	P.
1. Fixed Deposit with United Bank of India	8,25,344.55			5,878.90		
With Grindlays Bank pl.	3,00,000.00			—		
With Allahabad Bank	23,00,000.00			54,166.25		59,89,075.50
With State Bank of India	2,00,000.00		28,25,344.55	2,668.50		63,730.95
2. 5½% loan 1999 (Market value Rs. 3,49,165.95)	5,10,228.05			4,82,301.50		
5½% loan 2000 (Market value Rs. 34,500.00)	50,075.00		5,69,301.05	44,000.00	5,27,301.50	10,95,602.55
			<u>41,94,646.60</u>		<u>5,91,032.45</u>	<u>47,86,678.05</u>

(S. SENGUPTA)
Accounts Officer

(S. S. PANJA)
Accounts Officer

(BIMAN BOSE)
Chief Administrative Officer

(J. K. GUPTA)
Director
Indian Statistical Institute

14 Southern Avenue,
Calcutta-700028.
30 November, 1987.

SETTARWALA & CO.
Chartered Accountants

FIFTYFIFTH ANNUAL REPORT: 1986-87

SCHEDULE III

LOANS AND ADVANCES AS AT SIXTH MARCH 1987

Particulars	Rs.	P.
Advance for land	30,848.34	
Security deposit paid	1,34,145.57	
Security Debtors (partly irrecoverable)	81,560.80	
Charges pre-paid	13,79,879.27	
Marginal deposit	5,900.00	
Cautions Money for Electric Meter	6,590.00	
Students Benefit Fund	350.00	
Staff insurance	2,725.14	
Staff insurance (Giridih & Delhi)	6,751.98	
CTD (Giridih)	3,009.71	
Education Loan	692.00	
Home Building loan (old)	42.00	
Relief loan (flood & drought)	6,07,501.34	
Advance against T. A.	4,08,634.53	
Advance against L.T.C.	58,183.00	
Family Benefit Fund	30.00	
Advance against purchase of Cycle/Scooter	1,58,884.84	
Suspense and Advance	19,23,989.45	
Festival advance to staff	3,22,477.60	
Departmental Imprest	16,385.57	
ISI Co-operative Credit Society Ltd (Giridih)	583.22	
Fan Advance	35,078.85	
	<u>60,89,907.88</u>	

(S. SEVOTPA)
Accounts Officer

(S. S. PANJA)
Accounts Officer

(BIMAN BORA)
Chief Administrative Officer

(J. K. CHAKRA)
Director
Indian Statistical Institute

14 Southern Avenue,
Calcutta-700 036,
19 November, 1987.

SHARMA & Co.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE V

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 ON 31st MARCH 1987.

Project and Activities	Excess of receipts (+)/expenditure(-)				Upto 31st March 1987	
	Upto 31st March 1986		for the year		Ra.	P.
	Ra.	P.	Ra.	P.		
A. OTHER BODIES:						
1. Estimates of Probabilities of Hospitalisation according to age, sex and diagnosis etc. As per last account	+	12,468.06	—	+	12,468.06	
2. International Course on Management of Quality Control in connection with Dr. J. M. Juran As per last account	+	17,828.86	—	+	17,828.86	
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	+	1,69,888.93	—	+	1,69,888.93	
5. Project on Exchange Control and Liberalisation As per last account	+	17,027.86	—	+	17,027.86	
6. Research Project: "Central Pincos Hierarchy for developing Agricultural Region", Kerala Area As per last account	+	1,400.00	—	+	1,400.00	
7. Seminar by Prof. J. Kernal under ICSSR PROGRAMME 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	+	15,258.35	—	+	15,258.35	
10. Journal of Economic Development Project As per last account	+	2,631.10	—	+	2,631.10	
11. Cost Benefit Analysis of Rural Electrical Scheme Project 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	+	16.35	—	+	16.35	
14. Survey of Foreign Tourists in India As per last account	+	2,41,323.24	—	+	2,41,323.24	
15. Project on Health and Socio-Economic Survey in C M D A Area As per last account	+	82,984.52	—	+	82,984.52	
16. Road Users' Survey As per last account	—	3,870.10	—	—	3,870.10	
17. Project on Contour mapping and Estimation of Geological Parameters As per last account	+	9,122.20	—	+	9,122.20	
18. Training course of Afghan Nationals As per last account	+	28,351.90	—	+	28,351.90	
19. ICSSR Course on Survey Research Methodology (6th March 1978 to 29th April 1978) As per last account	+	5,278.32	—	+	5,278.32	
20. ICSSR Course on Survey Research Methodology (16th January 1979 to 24th February 1979) As per last account	+	8,346.08	—	+	8,346.08	

INDIAN STATISTICAL INSTITUTE

SCHEDULE IV

INCOME AND EXPENDITURE OF STATISTICAL QUALITY CONTROL DEVELOPMENT FUND, DEVELOPMENT FUND I & 1974 INTERNATIONAL SYMPOSIUM PRIZE IN STATISTICS FUND FOR THE YEAR ENDED 31ST MARCH 1987.

Previous Year				Expenditure	Current Year				Previous Year				Income	Current Year			
SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total		SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total	SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total		SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total
7,81,894.01	17,512.83	1,964.79	8,01,371.63	To Excess of Income and Expenditure to Fund Account	9,38,458.00	21,008.10	2,662.54	9,62,128.64	7,81,894.01	17,512.83	1,964.79	8,01,371.63	By Interest on Investment	9,38,458.00	21,008.10	2,662.54	9,62,128.64
7,81,894.01	17,512.83	1,964.79	8,01,371.63		9,38,458.00	21,008.10	2,662.54	9,62,128.64	7,81,894.01	17,512.83	1,964.79	8,01,371.63		9,38,458.00	21,008.10	2,662.54	9,62,128.64

BALANCE SHEET OF STATISTICAL QUALITY CONTROL DEVELOPMENT FUND, DEVELOPMENT FUND I & 1974 INTERNATIONAL SYMPOSIUM PRIZE IN STATISTICS FUND AS AT 31ST MARCH 1987.

Previous Year				Expenditure	Current Year				Previous Year				Property & Assets	Current Year			
SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total		SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total	SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total		SQC Development Fund	Development Fund I	1974 International Symposium Prize in Statistics Fund	Total
80,21,445.50	2,01,083.01	25,221.55	82,47,750.06	1. Fund :	96,00,583.01	2,18,595.84	27,186.34	98,46,365.19					1.1 Investment in Fixed Deposit with United Bank of India				
7,81,894.01	17,512.83	1,964.79	8,01,371.63	As per last account	96,00,583.01	2,18,595.84	27,186.34	98,46,365.19	1,27,086.95	2,785.20	297.25	1,30,170.40	2. Current Account :	86,88,000.00	1,92,000.00	25,000.00	89,05,000.00
7,97,243.50	—	—	7,97,243.50	Add : Excess of Income over Expenditure	9,38,458.00	21,008.10	2,662.54	9,62,128.64	1,27,086.95	2,785.20	297.25	1,30,170.40	.1 Interest accrued but not due Fixed Deposit	1,51,253.95	1,921.25	430.35	1,63,605.55
				Add : Excess of SQC receipts over Rs. 7,00,000/- transferred from current expenditure	9,73,472.18	—	—	9,73,472.18	22,35,496.06	52,309.64	9,889.09	23,47,694.79	.2 Cash & Bank Balance forming part of Institute's cash and Bank balance with Schedule VI :				
				2. Current Liabilities and Provisions	—	—	—	—					Cash	—	—	—	—
									22,35,496.06	52,309.64	9,889.09	23,47,694.79	Bank	26,73,259.24	45,682.69	4,418.53	27,23,360.46
86,00,583.01	2,18,595.84	27,186.34	88,46,365.19		1,15,12,513.19	2,39,603.94	29,848.88	1,17,81,966.01	86,00,583.01	2,18,595.84	27,186.34	88,46,365.19		1,15,12,513.19	2,39,603.94	29,848.88	1,17,81,966.01

14 Southern Avenue,
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30 November, 1987.

(S. SENGUPTA)
Accounts Officer

(S. S. PANJA)
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(BIMAN BOSE)
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SUTARWALA & Co.
Chartered Accountants

(J. K. GHOSH)
Director
Indian Statistical Institute

FIFTYFIFTH ANNUAL REPORT : 1986-87

SCHEDULE V

EXCESS OF RECEIPTS OVER EXPENDITURE (+) AND EXCESS OF EXPENDITURE OVER RECEIPTS (-) IN EMPLOY OF MISCELLANEOUS PROJECTS AND ACTIVITIES ON BEHALF OF GOVERNMENT OF INDIA AND OTHER BODIES AS OF 31st MARCH 1987.

Project and Activities	Excess of receipts (+) / Expenditure (-)				Upto 31st March 1987 Rs. P.
	Upto 31st March 1986		for the year		
	Rs.	P.	Rs.	P.	
21. Summer School on Use of Electronic Computers in Research and Development As per last account	+	3,769.30	—	+	3,769.30
22. ILO/Village Study Project As per last account	+	16,877.85	—	+	16,877.85
23. Project on Strategies for Integrated Rural Development—A case study, North Canara District in Karnataka As per last account	+	7,634.00	- 3,463.22	+	4,171.38
24. Project on An Alternative Plan with the Basic Social Objective for Ensuring the minimum level of living to the Poor As per last account	+	7,083.38	—	+	7,083.38
25. ICSSR Project on Changing Land Relation and Women As per last account	+	168.28	—	+	168.28
26. ICSSR Project on Pulayas Changing Society As per last account	+	585.62	—	+	585.62
27. ICSSR Project on Women and Rice Cultivation As per last account	-	1,678.57	—	-	1,678.57
28. Survey on Malaria Project As per last account	+	18,068.99	—	+	18,068.99
29. D.C.N.F.P.M.S. As per last account	+	11,652.66	—	+	11,652.66
30. Rural Survey Project—Cooch Behar As per last account	+	3,469.17	—	+	3,469.17
31. Solar Powered Pump Set As per last account	+	98,062.25	—	+	98,062.25
32. Research Methodology in Economic Theory As per last account	+	2,955.70	—	+	2,955.70
33. Project on Trade Strategies Employment Pattern As per last account	-	270.68	—	-	270.68
34. The Problem of diesel distribution for Agriculture—A case study of Gondal, Gttrakpur District of Eastern Railways As per last account	-	4,450.83	+ 4,892.00	+	441.17
35. B I C P Project As per last account	-	16,818.33	- 362.60	-	16,880.93
36. Consumption of Steel in Unorganised Manufacturing Sector As per last account	-	32,476.90	+ 43,600.00	+	11,024.10
37. Relative Price of Food and the Rural Poor case of India ILO Project As per last account	+	2,904.20	+ 26,175.21	+	28,079.41
38. Consumption of Steel by categories and End Uses As per last account	-	21,304.06	- 43,600.00	-	64,804.06
39. Price and Distribution Control of Indian Economics As per last account	-	99,639.80	- 77,389.41	-	1,77,039.01
40. Project on Quantitative analysis of some aspects in Indian Agriculture (a) Dr. A. Rudra (b) Shri R. Talwar and other fellowship	-	85,909.09	—	-	85,909.09
41. Short and long term project 7th financial year Plan As per last account	-	16,202.91	—	-	16,202.91
42. Project on Demography As per last account	-	7,225.92	—	-	7,225.92
43. Ministry of Finance—Project Credit Planning in Indian Economy As per last account	+	809.80	—	+	809.80
44. Ministry of Finance—Project Credit Planning in Indian Economy As per last account	-	20,118.46	—	-	20,118.46

INDIAN STATISTICAL INSTITUTE

SCHEDULE V

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 31st MARCH 1987.

Project and Activities	Excess of receipts (+) / expenditure (-)					
	Upto 31st March 1986		for the year			
	Rs.	P.	Rs.	P.		
44. Jadavpur University Project						
As per last account	+	5,000.00	—	+	5,000.00	
45. J. F. Nair Project of National Fellowship						
As per last account	+	11,430.00	—	+	11,430.00	
46. Study on Market Potential of West Asian Region						
As per last account	+	28,090.90	—	+	28,090.90	
47. Studies on the Tropospheric Propagation						
As per last account	+	2,20,991.01	- 1,94,734.03	+	28,246.98	
48. Project of Chemical Biological aspect of tiger Leopard						
As per last account	+	1,53,125.80	- 32,404.28	+	1,19,721.52	
49. ICSSR Fellowship (Dr. Mrs. Runanda Ghosh)						
As per last account	+	1,775.39	+	4,410.00	+	6,185.53
50. Application of Pattern Recognition and Image Processing Technique to Geological Mapping and Mineral Detection						
As per last account	+	2,63,471.52	- 3,54,091.28	-	1,00,619.74	
51. Cultural Ecology of Husbanded Plants						
As per last account	+	1,556.35	—	+	1,556.35	
52. Distribution cost of LPG Project						
As per last account	-	11,721.94	—	-	11,721.94	
53. Survey of Fisherman's Household						
As per last account	+	63,463.11	- 16,757.21	+	46,705.90	
54. Survey of Social Attitudes towards Air Pollution in Calcutta						
As per last account	+	33,535.50	- 37,624.98	-	3,989.48	
55. Regional Model for Agriculture						
As per last account	-	73,980.08	- 68,107.72	-	1,32,087.80	
56. Positive and Negative effects of Family Planning in India						
As per last account	+	27,948.70	- 873.00	+	27,075.70	
57. Study on the effects of intensive forestry						
As per last account	+	30,000.00	- 775.30	+	29,224.70	
58. Development of Algorithm and Software System						
As per last account	+	23,35,000.00	- 1,688.00	+	23,33,312.00	
59. Project Survey of Family Planning Awareness Attitudes & Practices among members of Parliament for the year ended 31st March 1987						
As per last account	+	9,969.75	+	8,000.00	+	17,969.75
60. Project Monetary and Fiscal Policy in Planning Model						
As per last account	+	18,680.65	- 46,747.24	-	28,066.59	
61. UNESCO DRTC Expenses						
As per last account	—	—	+	25,171.14	+	25,171.14
62. Computer Spares Project						
As per last account	—	—	+	13,973.53	+	13,973.53
63. Collaborative Research between ISI & ONGC						
As per last account	—	—	+	61,504.38	+	61,504.38
64. Study on the evaluation of fish yield rate Fifth Farmer's development Agency						
As per last account	—	—	+	1,40,000.00	+	1,40,000.00
65. National Model Centre for Fifth Generation Computer System Development F G C B						
As per last account	—	—	+	8,50,117.54	+	8,50,117.54
66. Study on the determination of Survival Growth						
As per last account	—	—	+	60,000.00	+	60,000.00
Sub-Total : A						
	+	41,49,097.42	+	12,35,743.80	+	47,91,540.98
	-	5,94,506.38	-	8,09,408.92	-	8,66,484.11

FIFTYFIFTH ANNUAL REPORT: 1986-87

SCHEDULE V

EXCESS OF RECEIPTS OVER EXPENDITURE (+) AND EXCESS OF EXPENDITURE OVER RECEIPTS (-) IN RESPECT OF
MISCELLANEOUS PROJECTS AND ACTIVITIES OF BODIES OF GOVERNMENT OF INDIA AND
OTHER BODIES AS ON 31st MARCH 1987.

Project and Activities	Excess of receipts (+)/expenditure (-)		Upto 31st March 1987	
	Upto 31st March 1986 Rs. P.	for the year Rs. P.	Rs. P.	Rs. P.
B. On Behalf of Government of India :				
1. Research and Planning Committee of the Planning Commission for Sociological Studies	-	23,765.14	-	23,765.14
2. ISREC Colombo Plan Fellowship As per last account	-	10,01,913.22		
Expenditure during the year	6,72,180.99			
Less : Amount received during the year	57,200.00	-	5,14,980.93	- 18,16,894.15
3. Ministry of Planning, Govt. of India for National Sample Survey Organisation As per last account	-	7,34,617.88		
Amount received during the year	7,87,688.13			
Less : Expenditure during the year	2,74,935.97	+	4,52,752.16	- 2,81,865.72
4. Ministry of Health, Govt of India. As per last account	-	11,90,977.63		- 11,90,977.63
Expenditure during the year				
Sub-Total : B	+	-	+ 4,62,762.16	+ -
	-	29,81,363.87	- 6,14,980.93	- 31,13,492.64
TOTAL : (A+B)	+	41,49,097.42	+ 16,89,495.76	+ 47,91,550.88
	-	33,45,850.23	- 14,84,389.76	- 37,82,977.79

(S. SENGUPTA)
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(S. S. PANJA)
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(BRIJAN BOSH)
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30th November, 1987.

SUTARWALA & Co.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

SCHEDULE VI

DETAILS OF CASH IN HAND AS ON 31st MARCH 1987 AT THE CENTRAL OFFICE AND OTHER OFFICES
OF THE INSTITUTE AND BANK BALANCE ON THE DATE

	Cash Amount Rs. P.	A/c. with Bank (Name of the Bank)	Total Rs. P.
At Central Office (Calcutta) ..	33,990.38	SBI Shyambayar 'B' UBI Dunlop Branch RBI P/L/A/C Nath Bank Ltd. (Liquidation — doubtful) SBI Delhi 'A' SBI Delhi 'B' Grindlays Bank P/c. Allahabad Bank	5,04,067.30 4,85,365.64 3,108.80 3,768.99 1,832.73 888.60 1,87,07,052.18 4,36,867.38
BRANCHES :			
At Delhi ..	2,960.50	Indian Bank Delhi	3,78,160.11
" Girdih ..	7,823.98	Canara Bank, Delhi UBI, Girdih	10,890.45 22,683.17
" Bangalore ..	632.35	UCO Bank, Girdih Bank of Baroda, Bangalore	4,356.53 2,18,123.00
" Kerala ..	343.42	UCO Bank, Bangalore	37,157.11
" Coimbatore ..	830.01	State Bank Travancore	12,886.78
" Madras ..	3,867.13	Synicato Bank, Coimbatore	65,855.82
" Bombay ..	1,128.31	SBI, Madras	65,856.10
" Baroda ..	164.78	SBI, Bombay	4,176.48
" Hyderabad ..	1,869.37	Bank of Baroda, Baroda	32,790.76
" Pune ..	6,213.17	State Bank of Hyderabad and Indian Bank SBI, Pune	89,884.51* 2,09,079.08
	56,419.48		1,87,46,990.38

* Includes draft in Transit for Rs. 50,000.00

The above amounts have been shown in the following Balance Sheets of the Institute and its various Funds.

The Institute ..	52,119.22	The Institute	1,90,52,066.56
Director's Contribution Fund ..	6,300.23	Statistical Quality Control Development Fund Development Fund I 1974 International Symposium Prize in Statistics Fund Endowment Fund for lectures in Economics	26,73,239.24 45,882.69 4,418.53 564.67
	58,419.45		1,87,46,990.38

(S. SIKHONYA)
Accounts Officer

(S. S. PANJA)
Accounts Officer

(DHAN ROSE)
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(J. K. GHOSH)
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30 November, 1987.

SUFARWALA & CO.
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FIFTYFIFTH ANNUAL REPORT : 1986-87

SCHEDULE VII

GENERAL FUND AS ON 31st MARCH 1987

Particulars	Amount		Amount	
	Rs.	P.	Rs.	P.
1. Opening Balance			10,35,58,428.98	
2. Add : Assets acquired during the year :				
.1 Capital Expenditure Grant A/c. As per Schedule I (col. 7.0) annexed to the Balance Sheet ..			1,21,22,472.26	
.2 Non-plan Capital Grant for acquisition for Gupta Niwas as per Schedule I (col. 7.0) annexed to the Balance Sheet ..			30,00,000.00	
.3 Current Expenditure Grant A/c. As per Schedule I (col. 7.1) annexed to the Balance Sheet ..			23,24,121.72	1,84,46,598.98
				<u>12,30,02,122.96</u>
3.1 Less : Depreciation written off during the year on Fixed Assets (including loss written off) :				
As per Schedule I (col. 5.1) annexed to the Balance Sheet			37,92,051.55	
3. Adjustment during the year : For disposed of Asset			71,000.00	38,63,061.55
				<u>11,81,40,071.41</u>
4.1 Add : Interest on Investment :				
In Fixed Deposit with Banks			3,96,848.00	
On G. P. Notes			31,179.50	4,27,828.50
				<u>11,85,67,899.91</u>

(S. SUNDHRA)
Accounts Officer

(S. S. PANJA)
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(SUDHAN BOSE)
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(J. K. GHOSH)
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20 November, 1987.

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INDIAN STATISTICAL INSTITUTE

SCHEDULE VIII

DEBITS AND CREDITS AS AT 31st MARCH 1987

Particulars	Ra.	P.	Ra.	P.
Income tax : staff			70,987.33	
-do : contractors			35,846.88	
Library & Circulating Library deposit			1,14,237.04	
Laboratory deposit			4,254.00	
Hotel casual money deposit			8,800.00	
E.C.A.F.E.			704.27	
C.D.S. Annuity deposit			1,889.00	
Machine training deposit			35,575.00	
Cumulative time deposit			27,052.10	
Statistical workers' housing scheme			7,887.32	
Workers' benefit fund			1,254.71	
Facilitation Fund			194.27	
Membership fee deposit			14,374.38	
Earnest money deposit			1,78,710.00	
Security deposit			13,30,498.89	
Retention money deposit			98,981.58	
Tender money deposit			70,070.28	
ISI Small Scale Industry Experimental Unit-Kalyanore			14,910.37	
Director Health Service for purchasing course deposit through UNESCO			8,128.00	
Food Grain Advance			1,830.00	
Student's Amenities Advance (Delhi)			1,494.49	
Professional Tax			17,688.09	
ISI Co-operative Credit Society-Baranagore			20,104.87	
Indian Statistical Institute Contributory Provident Fund			6,66,248.87	
Other Liabilities :				
For Building & construction		17,04,218.02		
" Salary & allowances, gratuity etc.		6,09,144.84		
" Rent, rates & taxes		6,95,888.04		
" Audit fee		44,000.00		
" Stipend, scholarship etc.		23,284.05		
" Travelling allowance		70,109.83		
" Books & Journals		1,64,824.15		
" Transport expenses		44,258.33		
" Laboratory stores & consumables		26,127.61		
" Electrical equipment		87,087.00		
" Misc. liabilities		8,06,985.38		
			40,65,018.23	
			65,77,296.68	

(S. BHAGWATI)
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20 November, 1987.

SUTARWALA & Co.
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FIFTYFIFTH ANNUAL REPORT: 1986-87

SCHEDULE IX

RECEIPTS OVER EXPENDITURE IN RESPECT OF CAPITAL EXPENDITURE GRANT RECEIVED FROM GOVERNMENT OF INDIA AS ON 31ST MARCH 1987

Particulars	Amount		Amount	
	Rs.	P.	Rs.	P.
1. EXCESS OF RECEIPTS OVER EXPENDITURE IN RESPECT OF CAPITAL EXPENDITURE GRANT FROM GOVERNMENT OF INDIA				
<i>As per Last Account</i>			6,44,138.31	
<i>Add: Grant receivable for the year</i>	2,22,00,000.00			
<i>Less: Grant adjusted by the Government</i>	24,72,000.00	1,87,28,000.00	1,92,72,138.31	
<i>Less: Asset acquired during the year</i>			1,21,22,472.28	
			71,49,666.05	
<i>Add: Stock of Building Materials purchased out of Capital Expenditure Grant</i>				
<i>Balance as on 31.3.86</i>	12,06,228.65			
<i>Less: Balance as on 31.3.87</i>	11,14,275.87		91,602.78	
			72,41,818.83	

Note: While releasing 3rd instalment of Plan grant for 1985-86 Government adjusted an amount of Rs. 60 lakhs out of unspent balance of Rs. 84.72 lakhs as on 31 March 1986. Remaining unspent balance of Rs. 34.72 has been adjusted while releasing 2nd instalment of Plan grant of 1986-87. As on 31 March 1986 Institute spent Rs. 29.28 lakh (Rs. 34.72-Rs. 5.44) out of said unspent balance of Rs. 34.72.

(S. SENGUPTA)
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28 November 1987.

SUTANWALA & CO.
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INDIAN STATISTICAL INSTITUTE

SCHEDULE EX A

RECEIPT OVER EXPENDITURE IN RESPECT OF NON-PLAN CAPITAL GRANT RECEIVED FROM
GOVERNMENT OF INDIA FOR ACQUISITION OF GUPTA NIVAS ON 31st MARCH 1987

Particulars	Amount	
	Rs.	P.
Grant received during the year	1,00,00,000.00	
Less: Amount paid for acquisition of Gupta Nivas (As per Schedule I, included in land and Land Development)	30,00,000.00	
		70,00,000.00

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(J. K. GHOSH)
Director
Indian Statistical Institute

14, Southern Avenue,
Calcutta-700 038,
30 November, 1987.

SYTAIWALA & Co.
Chartered Accountants

FIFTYFIFTH ANNUAL REPORT: 1986-87

SCHEDULE X

1. Fixed Assets :

1.1 The Institute has maintained proper records showing full particulars and situation of Fixed Assets. In view of the vast magnitude of assets it was not possible to conduct physical verification of all fixed assets and library books at Head Office, Centre and various outlying offices during the period under review. However Institute will conduct such physical verification at regular intervals.

1.2 The assets have been acquired out of Capital Expenditure Grant received from Government of India every year and the Funds of the Institute.

1.3 The Institute does not have selling right in respect of land and landed properties acquired through the State Government. As per practice of the Institute, depreciation on Fixed Assets are charged from the year following the year of purchase. 95% of the books and journals including cost of binding etc. has been capitalised. Out of grant of Rs. 100 lakhs received for acquisition of Gupta Niwaa, an adhoc amount of Rs. 30 lakhs has been paid to Land Acquisition Collector, 24 Parganas, Government of West Bengal.

2. Investments :

2.1 Investments of the Institute for General/Other Funds stand in the name of Indian Statistical Institute with appropriate exhibition of such investments in relative Balance Sheets.

3. Stores :

3.1 The actual consumption value of building materials has been shown as capital expenditure for which it is utilised. In the case of all other Stores materials including Laboratory Stores, Minor Accessories, Medicines purchase, Farming seeds in Girdih 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 include Rs. 32,213.66 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. Advance to Staff/Workers of the Institute includes Rs. 41,000.00 recoverable from some staff under suspension for which enquiry is in progress. An old unreconciled amount in suspense amount to Rs. 285.21 is under scrutiny. Rs. 49,721.87 recoverable from M/s. Gun and Shell Factory, Comipore, considered doubtful and necessary action for adjustment/writing off will be taken with the approval of the Competent Authority.

5. AEOD with Regional Provident Fund Commissioners :

5.1 The difference of Rs. 12,455.21 under Additional D.A. Deposit with Regional Provident Fund Commissioner is still under scrutiny.

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 State Bank of India, Strand Road Branch has been settled and an amount of Rs. 20,145.65 transferred to SBI, Shyambazar Branch. Old balance with SBI, Parliament Street Branch, Delhi is yet to be settled. American Express International Banking Corporation has remitted an amount of Rs. 662.29 out of Rs. 1,182.29; the difference of Rs. 500.00 has been charged by them as commission. Liquidator of Nath Bank Ltd. (in liquidation) has informed the Institute that they will inform the position after liquidation proceedings are over; un-recovered amount if any, will be written off with the approval of Competent Authority at appropriate time. In the case of Indian Currency cheque, 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 cheque amount is accounted in the Cash Book on getting debit/credit advice from banks in Indian Rupee.

INDIAN STATISTICAL INSTITUTE

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. 28,02,976.28 and credit balance of Rs. 8,78,988.81. In accordance with past practice interest on Government Securities is accounted when it is due.

8. Income and Expenditure Account :

8.1 The medical reimbursement expenses includes hospital advances paid by the Institute.

9. Capital Commitments :

9.1 Contracts remaining to be executed on Capital accounts amount to Rs. 117.65 lakhs.

10. Contingent Liabilities :

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

10.2 The Institute is contingently liable to payment of claims relating to construction and other work amounting to Rs. 2,00,200.81 and other claims amount to Rs. 2,27,853.00.

10.3 Institute may be liable to pay additional amount in case cost of acquisition of Gupta Niwas ultimately exceeds Rs. 30 lakhs.

11. General :

11.1 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 years have been accounted under concerned head of accounts.

(S. SENGUPTA)
Accounts Officer

(S. S. PANJA)
Accounts Officer

(BIMAN BOSE)
Chief Administrative Officer

(J. K. GHOSH)
Director
Indian Statistical Institute

14, Southern Avenue,
Calcutta 700 028.
30 November, 1987.

SUTARWALA & Co.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

ANNEXURE I

INCOME AND EXPENDITURE ACCOUNT OF MISCELLANEOUS PROJECT FOR THE YEAR ENDED 31st MARCH 1987.

Project	UNESCO DRTO Expenses	Computer Spares Project	Studies on the Tropic-spheric Propagation	Chemical & Ecological aspect of Tiger Leopard	ICSSR FELLOWSHIP (Dr. S. Ghosh)	Pattern Recognition & Image Processing Technique	Collaborative Research between ISI & ONGC	Survey of Fishermen's Households	Survey of Social attitudes towards Air Pollution in Calcutta	Regional Model for Agriculture	Positive and negative effects of Family Planning in India	Study on the effects of Intensive forestry	Development of Algorithm and Software System	Study on the evaluation of fish yield rate of fifth Farmer's development Agency	National Model Centre for Fifth Generation Computer System development	Relative price of Food & Rural Poor ILO	Study on the determination of survival growth of weeds	Price & distribution control of Indian Economy	Project "Survey on Faculty Planning Awareness Attitudes & Practice among member of Parliament" - 31st March 1987	Project "Monetary & Fiscal Policy in Planning Model	BICP Project	Strategies for Integrated Rural Development - A case study of North Canara Dist. in Karnataka	The Problem of Diesel distribution for Agriculture - A Case study on Gonda, Gorakpur District	Consumption of Steel by Categories uses	Consumption of Steel in Organized Mig. Sector	Total	
	(A/c. 210)	(A/c. 211)	(A/c. 231)	(A/c. 232)	(A/c. 234)	(A/c. 235)	(A/c. 243)	(A/c. 237)	(A/c. 238)	(A/c. 239)	(A/c. 240)	(A/c. 241)	(A/c. 242)	(A/c. 246)	(A/c. 280)	(A/c. 299)	(A/c. 281)	(A/c. 253)	(A/c. D267)	(A/c. D 268)	(A/c. D 274)	(A/c. D 298)	(A/c. D 278)	(A/c. D 262)	(A/c. 233)		
Sponsoring Authority			Department of Science & Technology, Govt. of India	Department of Environment Aspect Govt. of India	Indian Council of Social Science Research	Pay & Accounts Office, Electronics Commission Govt. of India	ONGC	Department of Fisheries, Govt. of West Bengal	Department of Environment Govt. of India	Planning Commission Govt. of India	Indian Council of Medical Research	Forest Development Corporation of Maharashtra, Govt. of Maharashtra	Ministry of Science R & D Govt. of India	Govt. of West Bengal Directorate of Fisheries	Govt. of India Computer Development Div. Dept. of Electronics	Rural employment policies Branch Employment & Dev. Department	The Director of Fisheries West Bengal	Indian Council of Social Science Research			Department of Industrial Development, Govt. of India (BICP)	Indian Council of Social Science Research		Joint Plant Committee Govt. of India	Joint Plant Committee		
Income upto 31.3.86	—	—	5,08,100.00	1,54,080.00	57,310.00	9,15,900.00	—	95,000.00	58,750.00	34,500.00	37,000.00	30,000.00	1,35,000.00	—	—	37,499.50	—	1,09,850.00	16,000.00	30,000.00	18,998.42	23,750.00	34,390.00	63,500.00	30,000.00	46,85,607.92	
Transfer/Adjustment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	43,500.00	43,500.00
Income Current Year	61,090.89	3,40,000.00	—	—	18,800.00	1,46,000.00	1,52,000.00	—	—	97,000.00	—	—	—	1,40,000.00	9,00,000.00	25,942.01	60,000.00	—	8,000.00	—	—	—	6,392.00	—	—	19,55,224.90	
Sub-total:	61,090.89	3,40,000.00	—	—	18,800.00	1,46,000.00	1,52,000.00	—	—	97,000.00	—	—	—	1,40,000.00	9,00,000.00	25,942.01	60,000.00	—	8,000.00	—	—	—	6,392.00	—	—	19,86,724.90	
Excess of Expenditure Over Income	—	—	1,94,734.63	33,404.28	—	3,54,091.28	—	16,757.21	37,524.98	58,107.72	873.00	775.30	1,868.00	—	—	—	—	77,399.41	—	46,747.24	382.80	3,463.22	—	43,500.00	—	8,09,408.83	
Total:	61,090.89	3,40,000.00	1,94,734.63	33,404.28	18,800.00	5,00,091.28	1,52,000.00	16,757.21	37,524.98	1,55,107.72	873.00	775.30	1,868.00	1,40,000.00	9,00,000.00	25,942.01	60,000.00	77,399.41	8,000.00	46,747.24	382.80	3,463.22	6,392.00	43,500.00	43,500.00	28,68,133.73	
Income upto 31.3.87	61,090.89	3,40,000.00	5,08,100.00	1,54,080.00	76,110.00	10,81,900.00	1,52,000.00	95,000.00	58,750.00	1,31,500.00	37,000.00	30,000.00	1,35,000.00	1,40,000.00	9,00,000.00	63,441.51	60,000.00	1,09,850.00	24,000.00	30,000.00	18,998.42	23,750.00	40,782.00	20,000.00	73,500.00	65,40,832.82	
Expenditure upto 31.3.88	—	—	2,80,118.39	934.20	55,634.61	6,62,428.48	—	31,538.89	23,214.50	1,08,480.08	9,051.30	—	—	—	—	34,596.30	—	2,08,488.60	6,040.25	11,319.35	35,616.75	16,115.40	38,840.83	84,804.06	62,475.90	16,75,495.89	
Expenditure Current Year : Salary and Honorarium etc.	11,200.00	9,625.00	42,445.33	7,137.65	14,390.00	1,13,782.93	19,382.08	6,404.00	29,409.08	1,41,800.42	—	—	—	—	—	766.80	—	61,046.63	—	44,822.59	—	—	1,500.00	—	—	5,03,612.29	
Travelling Expenditure	9,934.40	2,333.00	5,397.67	367.15	—	2,704.63	69,140.63	7,849.90	68.90	13,307.30	—	328.00	631.00	—	13,881.30	—	—	645.00	1,022.00	—	63.00	—	—	—	—	1,27,374.88	
Data Processing	—	559.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14,646.73
Contingent Expenses	12,653.35	1,109.30	71.00	2,953.10	—	60.00	840.50	237.30	27.00	—	—	411.30	128.00	—	—	—	—	—	—	—	—	—	—	—	—	—	18,388.85
Capital Equipment	—	2,99,389.00	1,10,797.75	15,000.00	—	3,80,489.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8,05,675.93
Transport charges	—	—	—	3,055.95	—	—	—	702.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3,758.83
Other Expenses	—	2,044.26	680.00	—	—	1,202.52	533.00	1,783.13	8,090.00	2,642.17	—	—	1,011.00	—	1,200.00	—	—	1,650.80	—	652.66	281.60	2,749.00	—	—	—	24,590.22	
Stone & Stationary	2,132.00	11,066.72	35,392.98	2,348.26	—	1,852.00	599.41	—	—	—	873.00	88.00	—	—	34,821.36	—	—	119.45	—	—	88.00	691.22	—	—	—	89,942.40	
Transfer/Adjustment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	43,500.00
Sub-Tota:	35,919.75	3,26,026.47	1,94,734.63	33,404.28	14,390.00	5,00,091.28	90,495.62	16,757.21	37,524.98	1,55,107.72	873.00	775.30	1,868.00	—	49,882.66	766.80	—	77,399.41	—	46,747.24	382.80	3,463.22	1,500.00	—	43,500.00	16,31,390.13	
Excess of Income over Expenditure	25,171.14	13,972.53	—	—	4,410.00	—	61,504.38	—	—	—	—	—	—	1,40,000.00	8,50,117.34	25,175.21	60,000.00	—	8,000.00	—	—	—	4,892.00	—	—	—	11,93,243.80
Total:	61,090.89	3,40,000.00	1,94,734.63	33,404.28	18,800.00	5,00,091.28	1,52,000.00	16,757.21	37,524.98	1,55,107.72	873.00	775.30	1,868.00	1,40,000.00	9,00,000.00	25,942.01	60,000.00	77,399.41	8,000.00	46,747.24	382.80	3,463.22	6,392.00	43,500.00	—	28,24,533.73	
Expenditure upto 31.3.87	35,919.75	3,26,026.47	4,79,852.02	34,338.48	89,924.61	11,62,519.74	90,495.62	48,294.10	60,739.46	2,63,687.80	9,224.30	775.30	1,868.00	—	49,882.66	35,362.10	—	2,80,880.01	6,040.25	58,066.59	35,879.35	19,578.62	40,340.83	84,804.86	62,475.90	32,63,388.02	

FIFTYFIFTH ANNUAL REPORT : 1986-87

INDIAN STATISTICAL INSTITUTE CONTRIBUTORY PROVIDENT FUND
AND GENERAL PROVIDENT FUND

AUDITORS' REPORT

We report that we have audited the attached Balance Sheet as at 31st March 1987 of the Indian Statistical Institute Contributory Provident Fund and the General Provident Fund signed by us under reference to this report, and the relative Income and Expenditure Account for the year ended on that date with the books and records of the Fund maintained by the Institute and produced to us and on the basis of information and explanations given and subject to the remarks mentioned below, have found them to be in accordance therewith.

1. Keeping in past practice and in accordance with the Indian Statistical Institute C.P.F. and G.P.F. Rules while interest credited to the Income and Expenditure Account pertains to the year 1986-87, interest allowed to members of C.P.F. and G.P.F. balances pertains to the previous financial year of 1985-86. On account of matching principles of charging expenditure against the revenue of the same year, in our opinion, the present practice should be changed so that distribution of interest for a particular year is made in the same year's accounts.

2. We are informed that the differences between the General Ledger balances of the following accounts and the balances as per Members' Ledger of Contributory Provident Fund and General Provident Fund are under scrutiny and reconciliation.

G.P.F.	Balance as per General Ledger	Balance as per Members Ledger	Difference
(1) Members' Own Subscription	73,32,314.36	73,29,181.26	+3133.10
(2) Interest payable on Members' Own Subscription	38,09,698.90	38,09,809.05	- 110.15
C.P.F.			
(1) Members' Own Subscription	82,04,788.82	82,06,328.88	-1542.06
(2) Interest on Members' Own Subscription	62,37,164.02	62,29,023.39	+8130.63
(3) Employer's Contribution	85,67,093.13	85,50,470.61	+6622.82
(4) Interest on Employers Contribution	67,04,497.30	67,05,519.10	-1021.80
(5) Voluntary Provident Fund	24,47,274.94	24,55,915.97	-8641.03
(6) Interest on Voluntary Provident Fund	3,66,209.07	3,62,343.94	+3865.13

3. Loss on sale of G.P. Notes Rs. 14,90,227.60

According to information and explanations given to us. The Fund after obtaining due confirmation from Govt. sold during the year under review G.P. Notes amounting to Rs. 47,02,300.00 at a loss of Rs. 14,90,227.60. It was stated that Govt. has agreed in principle to reimburse the Fund with the aforesaid loss, the same has been adjusted against Employer's Contribution (GPF) liability to Govt.

INDIAN STATISTICAL INSTITUTE

4. Interest accrued on investment in Postal Time Deposit and Fixed Deposit with Allahabad Bank has been accounted for on average basis as per past practice instead of accounting it on a pro rata basis.

5. Loan to Members :

	Balance as per General Ledger	Balance as per Members Ledger	Difference
G.P.F.	35,60,731.01	35,52,570.51	+8160.50
C.P.F.	19,97,728.54	19,89,157.89	+8588.65

The difference of Rs. 8160.50 in G.P.F. and Rs. 8588.65 in C.P.F. are under reconciliation.

6. Relief loan to ISI and NSSO Workers Rs. 37731.00

Balance as extracted from the Register is Rs. 33142.81. Difference of Rs. 4588.19 should be scrutinised.

7. Income Tax Recoverable : Rs. 18570

The above amount is being carried forward for several years and in our opinion, the amount is doubtful of recovery. No provision has however been made in the accounts despite the observations of Auditors' in earlier years.

8. Separate sets of books of account should be maintained for the Funds instead of keeping the same within the Institute's books of account.

14, Southern Avenue,
Calcutta-700 026.
Dated : 30.11.1987.

Sutarwala Company
Chartered Accountants

Administration's Comments on the Auditors' Report on the Annual Accounts of the ISICPF and the ISIGPF for the year 1986-87.

Para 1. The rules of Provident Fund provides that interest for a year is to be declared after the annual accounts are closed and certified by the auditors. Hence this system has been unavoidable. Necessary changes in the rules are already under consideration of the Board.

Para 2. The difference includes those from earlier years also are under reconciliation.

Para 3. The factual position has been stated. No comments.

Para 4. No comments.

Para 5. The difference is under reconciliation.

Para 6. The difference is under scrutiny.

Para 7. The matter of recovery is still being pursued with the concerned authorities and in the event of non-realisation necessary provision will be made in the next year's accounts.

Para 8. The recommendation is under consideration.

INDIAN STATISTICAL INSTITUTE

CONTRIBUTORY

BALANCE SHEET

As at 31st March 1988 Rs. P.	Fund and Liabilities	Rs. P.	As at 31st March 1987 Rs. P.
	Members' Own Subscription : As per last account	81,57,768.79	
	Less : transferred from OPF to GPF for OPF Options	<u>8,21,566.87</u>	73,36,203.42
	Add : during the year		12,82,110.04
			<u>86,18,322.46</u>
	Less : refunded during the year		1,89,035.64
			<u>84,49,286.82</u>
81,57,768.79	Less : withdrawal for the year		<u>2,44,500.00</u>
			82,04,786.82
	Employers' contribution : As per last account	84,87,228.76	
	Less : transferred from CPF to GPF for OPF Options	<u>9,62,363.79</u>	74,84,864.97
	Add : during the year from Institute		12,80,997.34
			<u>87,66,862.31</u>
84,87,228.76	Less : refunded during the year		<u>2,06,769.18</u>
			85,57,099.13
	Members' voluntary subscription : As per last Account	21,89,193.79	
	Less : transferred from CPF to GPF for OPF Options	<u>1,19,084.47</u>	20,09,509.32
	Add : during the year		14,48,410.00
			<u>34,57,919.32</u>
21,29,193.79	Less : refunded during the year		<u>10,10,844.38</u>
			24,47,074.94
	Other Deposit (Arrears Pay Comm.)		1,45,868.48
	Interest Payable : (a) On Members' own subscription As per last account	51,68,769.01	
	Less : transferred from GPF to OPF for OPF Options	<u>5,46,756.30</u>	46,21,022.71
	Add : during the year		9,59,864.24
			<u>56,80,888.95</u>
	Less : paid during the year		1,85,702.93
			<u>55,95,186.02</u>
51,68,769.01	Less : withdrawal for the year		<u>1,58,000.00</u>
<u>2,38,90,650.35</u>			<u>2,45,92,287.39</u>

FIFTYFIFTH ANNUAL REPORT : 1986-87

PROVIDENT FUND

AS AT 31st MARCH 1987

As at 31st March 1986 Rs. P.	Property & Assets	As at 31st March 1987 Rs. P.
<i>Investment at cost :</i>		
(a) Government Promissory Notes :		
	Rs. 3,50,000.00 6½% loan 1989	
	Rs. 20,25,000.00 6½% loan 1982	
	Rs. 23,00,000.00 6½% loan 2000	
47,02,900.00	Rs. 46,75,000.00	—
3,39,50,000.00	(b) 5 Yrs. Postal Time Deposit	3,85,66,000.00
18,85,000.00	(c) 5 Yrs. Fixed Deposit on Allahabad Bank	30,55,000.00
		4,02,11,000.00
22,34,842.85	Loan to Members :	19,97,728.64
38,100.00	Relief Loan to ISI & NSSO Workers :	37,731.00
<i>Current Assets :</i>		
<i>Interest Accrued :</i>		
	(a) On 5 Yrs. Postal Time Deposit	1,02,465.70
	(b) On Post Office Savings Bank A/c	198.80
	(c) On Allahabad Savings Bank	—
21,11,122.90	(d) On Allahabad Bank Fixed Deposit	4,78,800.00
		25,81,202.50
<i>Income Tax Recoverable :</i>		
18,570.00	As per Invest account	18,570.00
4,40,48,834.55		4,48,46,230.10

INDIAN STATISTICAL INSTITUTE

CONTRIBUTORY

BALANCE SHEET

As at 31st March 1988 Rs. P.	Fund and Liabilities	Rs. P.	As at 31st March 1987 Rs. P.
2,38,90,850.35	Brought Forward		2,46,92,567.19
	(b) On Employers' Contribution		
	As per last account	85,38,632.58	
	Less: transferred from CPF to OPF for OPF Options	8,44,261.90	66,21,170.68
	Add: for the year		12,73,067.48
			89,86,238.08
85,38,632.62	Less: paid during the year		2,60,730.78
	(c) On members' voluntary Subscription		
	As per last account	2,72,480.43	
	Less: transferred from CPF to OPF for OPF Options	8,342.50	2,64,137.93
	Add: for the year		1,70,933.41
			4,35,071.34
2,72,480.43	Less: paid during the year		78,882.27
	Account under adjustment (Net):		
1,998.01	As per last account		1,998.01
	Employers' Contribution & interest thereon of members from OPF to OPF	89,46,133.83	
	Add: for Options from OPF to OPF	17,99,725.69	
		87,41,869.52	
	Less: paid to NSSO	32,12,072.40	
		55,29,787.12	
89,46,133.83	Less: Loss on sale of GP Notes reimbursible by Govt. adjusted	14,90,227.80	40,39,669.83
88,41,298.79	Undistributed Income as per Income and Expenditure Account		90,20,068.36
8,23,861.22	Amount due to OPF		11,01,015.07
30,276.85	Amount due to Institute		—
4,50,42,617.00			4,88,16,682.81

Note: Opening balances have been recast and regrouped as and where necessary.

(MAHARAJ RANJAN GUPTA)
Manager/Secretary

(MITHU KUMAR CHAKRABARTI)
Member, Board of Trustees

(BIRJAWATH MUKHERJEE)
Member, Board of Trustees

FIFTYFIFTH ANNUAL REPORT : 1986-87

PROVIDENT FUND

AS AT 31st MARCH, 1987.

As at 31st March 1986 Rs. P.	Property & Assets	As at 31st March 1987 Rs. P.
4,48,48,824.55	Brought Forward	4,48,46,220.10

Cash and Bank Balances :
with Scheduled Banks

85,852.81	(i) With United Bank of India Dunlop Bridge Branch (in the name of Indian Statistical Institute General Provident Fund) Current A/c.	2,216.11
5,706.45	(ii) Postal Savings Bank A/c.	448.70
25,723.39	(iii) With Allahabad Savings A/c.	5,01,408.83
—	Amount due from the Institute	4,65,248.87

4,60,42,517.00

4,58,16,662.81

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

14, Southern Avenue,
Calcutta-700 028
30 November, 1987.

SUTARWALLA & CO.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

CONTRIBUTORY
INCOME AND EXPENDITURE ACCOUNT FOR

As at 31st March 1986 Rs. P.	Expenditure	Rs. P.	As at 31st March 1987 Rs. P.
39,30,412.53	To Excess of Income over expenditure carried down .. ..	.. ..	46,83,558.57
<hr/>			<hr/>
39,30,412.53			46,83,558.57
<hr/>			
	To Interest on :		
10,37,312.81	(i) CPF Members own subscription	9,59,854.24	
13,79,110.56	(ii) CPF Employers Contribution	12,73,067.45	
1,38,645.60	(iii) CPF Voluntary subscription	1,70,923.41	24,03,845.11
<hr/>			<hr/>
68,41,296.79	To Balance carried over to Balance Sheet .. ..	.. ..	90,20,008.38

93,90,374.68

(MAMARU RANJAN GUPTA)
Manager/Secretary

(MEERU KUMAR CHAKRABORTY)
Member, Board of Trustees

1,14,23,863.36

(BIRWANATHI MOUKHERJEE)
Member, Board of Trustees

FIFTYFIFTH ANNUAL REPORT: 1986-87

PROVIDENT FUND

THE YEAR ENDED 31st MARCH 1987.

As at 31st March 1986 Ra. P.	Income	Ra. P.	As at 31st March 1987 Ra. P.
	<i>By Interest on :</i>		
1,93,875.00	(i) (a) G.P. Notes	2,20,223.91	
36,40,088.88	(b) 5 Yrs. Postal Time Deposit	39,91,825.11	
311.65	(c) Allahabad Savings Bank A/c.	510.76	
1,01,084.00	(d) Allahabad Bank Fixed Deposit A/c.	3,70,000.00	
165.20	(e) Post Office Savings Bank	198.80	
39,36,412.53			45,82,568.57
54,59,082.13	By Amount brought forward from last account		68,41,208.79
39,36,412.53	By Excess of Income over expenditure brought down		45,82,568.57
93,95,374.66			1,14,23,863.96

14, Southern Avenue,
Calcutta-700 028.
30 November, 1987.

SETARWALA & Co.
Chartered Accountants.

INDIAN STATISTICAL INSTITUTE

GENERAL
BALANCE SHEET

As at 31st March 1966 Rs. P.	Fund and Location			As at 31st March 1967 Rs. P.
		Rs.	P.	
	Members Own Subscription As per last account			56,77,235.51
	Add : Transferred from CPF to GPF for GPF Optees	8,51,665.37		
	Add : Transferred from VPF Subscription for GPF Optees	1,10,581.47	0.41,242.84	
				66,39,462.35
	Add : during the year			14,34,500.40
				80,73,962.75
	Less : refunded during the year			4,06,271.39
				76,67,691.36
66,77,235.51	Less : withdrawal for the year			1,24,160.00
				75,43,531.36
	Other Deposit (Arrear of Pay Comm.)			2,63,254.41
	Interest Payable : (a) On members' own subscription As per last account			28,73,618.90
	Add : Transferred CPF to GPF for GPF Optees 5,46,766.30			
	Add : Transferred from Interest on VPF for GPF Optees	8,342.50	5.51,095.50	
				34,27,717.00
	Add : during the year			7,41,061.00
				41,68,778.00
	Less : refunded during the year			3,51,078.10
				38,17,699.90
28,73,618.90	Less : withdrawal for the year			8,000.00
				30,19,699.90
4,37,632.12	Undistributed Income as per Income and Expenditure account			3,40,977.72
				1,17,35,545.39
88,78,486.83				1,17,35,545.39

Note : Opening balances have been revised and regrouped as and where necessary.

(MAHARAJ RANJAN GUPTA)
Manager/Secretary

(NISHU KUMAR CHAKRABARTI)
Member, Board of Management

(SUDYU GUPTA)
Member, Board of Management

FIFTYFIFTH ANNUAL REPORT: 1986-87

PROVIDENT FUND

AS AT 31st MARCH 1987.

As at 31st March 1986 Rs. P.	Property and Assets	As at 31st March 1987 Rs. P.
<i>Investment at cost :</i>		
43,55,000.00	(a) 5 Yrs. Fixed Deposit on Allahabad Bank	43,60,000.00
29,07,178.90	Loan to Members :	35,00,731.01
<i>Interest Accrued :</i>		
10,55,100.00	(a) On Allahabad Bank Fixed Deposit	17,05,300.00
<i>Cash and Bank Balances :</i>		
40,355.71	(i) With Allahabad Bank Savings A/c.	8,469.31
5,23,861.22	Amount due from CPF	11,01,014.07

88,78,486.83

1,17,35,646.39

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

14, Southern Avenue,
Calcutta-700 024.
30 November, 1987.

SUTARWALA & CO.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

GENERAL

INCOME AND EXPENDITURE ACCOUNT FOR

As at 31st March 1966 Rs. P.	Expenditure	Rs. P.	As at 31st March 1967 Rs. P.
4,91,489.05	To Excess of Income over expenditure carried down .. .. .	.. .. .	5,58,706.50
<u>4,91,489.05</u>			<u>5,58,706.50</u>
5,18,324.26	To Interest on : (i) OPF Members own subscription .. .. .	.. .. .	7,41,061.00
4,17,632.12	To Balance carried over to Balance Sheet .. .. .	.. .. .	3,40,377.73
<u>9,46,968.38</u>			<u>10,81,338.73</u>

(MAHARAJ RANJAN GUPTA)
Manager/Secretary

(MAGEN KUMAR CHAKRABARTY)
Member, Board of Trustees

(BIPWANATH MUKHERJEE)
Member, Board of Trustees

INDIAN STATISTICAL INSTITUTE

CANTEEN

BALANCE SHEET AS AT 31st MARCH 1987

1986-88 Rs. P.	Liabilities	Amount Rs. P.	1985-86 Rs. P.	Assets	Amount Rs. P.
	<i>Capital Fund :</i>			<i>Current Assets :</i>	
3,352.44	As per last account	3,352.44	388.50	Sundry Debtors	647.81
	<i>Liabilities :</i>			Closing Stock (as taken valued and certified by the In-charge, Canteen)	9,126.31
1,720.43	Sundry Creditors	3,473.53	7,473.18	Cash in hand (as per a/c. and as taken and certified by the In- charge, Canteen)	5,013.08
122.60	Suspense A/c.	122.50		Deposit with the Bhabananda Dawa for supply for Cold Drinks	465.00
	Balance transferred from Income & Expenditure A/c.		2,032.84	Deposit with Milk Commissioner and other	228.00
5,382.15	As per last A/c.	6,382.15	465.00		
	<i>Add : Excess of Income over Expendi- ture for the year</i>	3,138.58	8,620.73		
<u>10,577.52</u>		<u>15,460.20</u>	<u>10,577.52</u>		<u>15,460.20</u>

(A. MONDAL)
*Senior Assistant, Canteen
Indian Statistical Institute*

(K. BHATTACHARYA)
*Executive Officer
Indian Statistical Institute*

Auditor's Report

We have audited the attached Balance Sheet of Indian Statistical Institute, Canteen, 203 B. T. Road, Calcutta 700 055 as at 31st March 1987 and the Income & Expenditure Account for the year ended on that date, annexed hereto, with the books and records maintained by the Canteen and subject to our remarks herein below, have found them to be in accordance therewith.

Our observations :

1. Suspense account balance of Rs. 122.60 representing Trial Balance for the year 1983-86 has not yet been reconciled.
2. Parallel records for utensils, furniture & fixtures & store materials supplied by the Institute have neither been maintained nor was physically verified during the year under review.
3. In our opinion, maintenance of stock book needs improvement.

14 Southern Avenue,
Calcutta-700 028.
30 November, 1987.

SHYAMWALA & Co.,
Chartered Accountants.

FIFTYFIFTH ANNUAL REPORT: 1986-87

CANTEN

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1987

1986-86 Rs. P.	Expenditure	Amount Rs. P.	1986-87 Rs. P.	1986-86 Rs. P.	Income	1986-87 Rs. P.
3,860.67	To Opening stock		7,473.18	2,62,527.85	By Sales (Tea & Snacks)	2,44,121.03
	" Sundry purchase (including fire wood kerosene oil)	31,977.13		2,07,005.83	" Subsidy received from ISI	1,98,880.00
58,552.18	" Tea and Milk	58,890.62		7,473.18	" Closing Stock	9,126.31
88,460.80	" Chhena & Khir	84,155.00				
78,381.55	" Bread & butter	63,861.18				
1,470.60	" Cold Drinks	795.40	2,17,686.33			
	" Raw materials purchased (Bazar goods including sugar)		2,11,581.95			
2,05,867.30	" Cleaning materials expenses		2,481.25			
3,976.40	" Carriage & cartage		3,315.86			
3,198.70	" Miscellaneous expenses		757.10			
992.15	" Printing & Stationery		103.80			
—	" License fees		20.00			
20.00	" Staff tiffin		4,585.70			
4,709.35	" Repairing charges		14.00			
7.00	" Loading & Unloading		986.00			
1,030.90	" Excess of Income over Expenditure for the year transferred to Balance Sheet		3,138.53			
17,395.14						
4,77,006.66			4,52,126.34	4,77,006.86		4,52,126.34

NOTE: Expenses on salary, contribution to Provident Fund, Electrical charges etc., are borne by the India Statistical Institute. Facilities like accommodation, use of furniture and equipment are also provided by the Institute free of charge.

(A. MONDAL)
Senior Assistant, Canteen
Indian Statistical Institute

(K. BHATTACHARYA)
Executive Officer
Indian Statistical Institute

14, Southern Avenue,
Calcutta-700 028.
30 November, 1987.

SUTARWALA & Co.
Chartered Accountants

INDIAN STATISTICAL INSTITUTE

ANNEXURE

OBSERVATION OF AUDITORS FOR BEING ATTACHED TO AND FORMING PART OF THEIR REPORT ON THE ACCOUNTS OF THE INDIAN STATISTICAL INSTITUTE FOR THE YEAR ENDED 31st MARCH 1987 AND ADMINISTRATION'S COMMENTS, IN HINDI, THEREON SET OUT BELOW:

(Attached in and Forming part of our report of even date on the Accounts of Indian Statistical Institute for the year ended 31st March 1987)

1. System of Accounting :

The system of accounting followed by the Institute is neither on cash basis nor on mercantile basis i.e., the accounts are maintained on hybrid basis. In absence of following a regular system of accounting consistently year after year and in view of non-standardisation of various accounting policies, in our opinion, the financial result portrayed by these accounts do not fairly represent the actual state of the Institute's affairs and of the deficit as shown in the Income and Expenditure accounts.

[The Institute has been following the same procedure for many years. Neither Comptroller and Auditor General nor previous statutory auditors prior to the engagement of present auditors have questioned the Institute's method of accounting. Nor have they suggested any alternative procedure.]

2. Allocation of Expenses between 'Plan' and 'Non-Plan' :

Allocation of Expenses between Plan and Non-Plan as made by the Institute, in our view, does not follow a clear cut basis. In our opinion, unless such an allocation is made by the booking of the expenditure under separate plan and non-plan heads in accordance with revised budget estimates, the deficit portrayed by the Income and Expenditure Account will not show a true picture of its actual deficit.

[The Institute has its conventions regarding booking of expenditure under plan and non-plan. These are not so different from the practices of Government. No deviation has taken place during the current year.]

3. SQC Receipts Rs. 7,00,000.00 Net (Received from Non Govt. sources Non-Plan)

The retention of Rs. 7,00,000.00 (Cr.) as SQC Receipts in the Income and Expenditure Accounts of the Institute is not matched by the actual expenditure incurred on SQC activities and debited under various expenditure heads of the Institute. Even if adoption of such a practice is in line with Govt. Guidelines, in our opinion, unless such a retention is matched by the Actual expenditure incurred, retention made on a hypothetical basis would affect the resultant deficit portrayed in the Income and Expenditure account.

[The Statistical Quality Control and Operations Research Division and its activities, both plan and non-plan, form a part of the main activity of the Institute. According to the guidelines communicated by the Govt., earnings of SQC upto a limit of Rs. 7 lakhs is taken as internal receipt and balance transferred to SQC Development Fund.]

4. Income from SQC Service Charges—Outstanding Bills Recovery position :

A sum of Rs. 8,44,573.13 being SQC charges recoverable from various SQC clients is not reflected in these accounts in line with the Institute's past practice of not accounting for such bills till its actual receipt. Even in cash system of accounting bills once raised are accounted for and, therefore, in our opinion, unless such bills are adjusted in accounts in the same year in which these are raised, both the Income as well as the corresponding asset would remain understated and to that extent the accounts would not show a true picture.

[SQC receipts are taken on cash basis.]

5. Net Assets of Other Funds Rs. 1,17,81,066.01 (Balance Sheet Assets side Item No. 6 Schedule IP) :

Net Assets of Other Funds represent investments and cash balances against Statistical Quality Control Development Fund, Development Fund 1 and International Symposium Prize in Statistics Fund (represented by other Funds contra item No. 2 liabilities side of the Balance sheet). Since no transaction appears to have been made in these accounts for past several years, in our opinion, the Investments remains idle without any disposition/use. The Institute's explanation that the fund is earmarked for a specific purpose and meaningful development activity in the field of SQC involving a heavy outlay is not tenable since this is not substantiated by any use/disposition of funds. In our opinion, therefore, balance of these funds should be immediately merged with General fund and corresponding assets of these funds should be reflected under respective heads of investments and Cash balances of the Institute.

FIFTYFIFTH ANNUAL REPORT : 1986-87

[The Arrear Claims Committee set up by the Government of India in 1974 had specifically recommended that the SQC Development Fund should be kept separately and it should not be merged with the general fund as the fund is earmarked for a specific purpose. The recommendation of the Arrear Claims Committee has been accepted by the Govt. of India in toto.

The ISI Review Committee appointed by the Govt. of India in the year 1982 had also gone into this aspect and favoured continuation of separate existence of the SQC Development Fund. Further, meaningful development activity in the field of SQC involves a heavy outlay. The Fund therefore has been allowed to accumulate. However, in a meeting of the Council of the Institute held on 18 December 1986 it was decided that an expenditure of Rs. 30 lakhs be incurred out of SQC Development Fund for construction on Institute's land in Madras. The fund, 1971 International Symposium prize in Statistics Fund, will be used with effect from the year 1987-88 onwards as has been decided by the Academic Council of the Institute.]

B. Capital Expenditure Items from Govt. of India (Schedule IX)

The Govt. has adjusted a sum of Rs. 50.00 lakhs during plan period 1985-86 and a further sum of Rs. 34.72 lakhs during plan period 1986-87 against unspent grant of Rs. 84.72 lakhs as on 31st March 1985. The Institute received a sum of Rs. 187.28 lakhs during the year 1986-87 and as on 31st March 1987 amount unspent was Rs. 72.42 lakhs.

[No. comment.]

7. Projects and Misc. activities :

(a) Since the amount recoverable on account of project and adjustments regarding outstanding and prepaid expenses are not being incorporated in the Income and Expenditure Account, the said accounts, in our opinion, do not reflect a true picture.

(b) Surplus/deficit balance in respect of completed project should be transferred to General Fund.

(c) Lumpsum grants received on adhoc basis for financing the project are merged with the Institute's Cash and Bank balances. In our opinion, separation of funds from Institute's funds with usual internal control on disbursement from project should be considered by proper authorities.

(d) In some cases it has been observed that contrary to specific stipulations in terms and conditions of grants, neither the unspent grant at the end of the year are referred to the Sponsoring Authority nor their permission is sought for carrying forward of unspent balance from one year to another.

(e) In almost all cases of Projects having Capital Equipment, it was observed that despite specific instructions of the sponsoring authority, equipment Register in the given proforma was not being maintained. In absence of year and Possession/Existence Certificate from the Project Leaders, we are unable to comment on the existence and value of such assets. No physical verifications of such capital equipment was conducted during the period under review and as such discrepancies, if any, between the physical and the book balances could not be ascertained. In case of completed project having Capital Equipment, the Institute should immediately either arrange to restore the same to the sponsoring authority or should after obtaining due permission from the sponsoring authority arrange for its quick disposal.

(f) In case of one Project on 'Survey on Family Planning Awareness, attitudes and practices among member of Parliament, the Project Leader Mrs. C. Juyal has not rendered an account of a sum of Rs. 16,395.24 out of advance of Rs. 20,000/- taken more than a year ago despite various reminders from both the sponsoring authority as well as Delhi Centre. Unless an explicit account is rendered of all such expenditure before the close of the year, the project expenditure as shown up the Project Income and Expenditure account would be understated to that extent.

(g) In many cases it was observed that funds of the Institute are being blocked on account of inordinate delay in executing the Project and non-receipt of grants in time.

INDIAN STATISTICAL INSTITUTE

For Example :

Sl. No.	Name of the Project	Sponsoring Authority	Grants received till 31.3.57	Expenditure upto 31.3.57	Blockage of funds as on 31.3.57
1.	Price and Distribution Control in Indian Economy	ICSSR	1,09,850.00	2,86,889.01	1,77,039.01
2.	Regional Model for Agriculture	Planning Commission Govt. of India	1,31,600.00	2,63,087.80	1,31,087.80
3.	Pattern Recognition and Image processing Technique	Electronics Commission Govt. of India	10,61,900.00	11,62,619.14	1,00,619.74
4.	Consumption of Steel by categories and End Use	Jt. Plans Committee Govt. of India	30,000.00	64,804.08	64,804.08
5.	Monetary and Fiscal policy in Planning Model		30,000.00	58,068.59	28,068.59
6.	Vasupati Project	BICP	18,998.43	35,879.85	16,880.93
7.	Other Projects	Govt. of India			81,12,492.64
				Total :	42,32,990.77

(h) In our opinion, Project accounting needs further improvement.

(a) Only for Library journals prepaid expenditures are booked in the accounts.

(b) The matter is being examined.

(c) Separate Bank a/c. in respect of a particular fund is opened on the basis of specific decision of the Council of the Institute. Institute does not experience any difficulty in exercising internal control on disbursement from project fund as separate accounts are maintained for each project.

(d) Institute's project leaders duly and properly monitor the project fund keeping in view of the stipulations imposed by project giving authorities.

(e) In some cases Institute is permitted to acquire capital items out of project fund; where it is, stock and register are properly maintained. As for physical verification, it may be stated that capital items of a particular project pertain to the actual conduct of business for the project.

(f) Matter will be looked into.

(g) In the case of (1), (2), (3), necessary sanction/fund has since been received. The matter is being pursued with the government departments concerned. The Institute has tightened up its procedure.

(A) *Noted.*

8. Budget

Though considerable exercise and effort is made for formulation of budget proposals, yet there seems to be no means of controlling the actual expenditure within budgeted limits. The Budget proposals initially made by the Institute and subsequently revised by section 8(1) Committee are considered as authorisation for increasing expenditures and in our opinion no attempt is being made to control the expenditure within the overall budget limits, the system of budgetary control being virtually non-existent. It has been observed that the continuous Resource Gap is being financed by diverting grants for special activities/items.

The highlights of important Budget variations are mentioned below.

Budget Variations					
Sl. No.	Budget Head	R.E. as approved by Section 8(1) Committee	Actual Grants released by Govt. of India	Actual Expenditure till 31.3.1967	Variance (+) Unspent (-) Excess
1.	Plan Revenue	40.00	40.00	41.35	(-) 1.35
2.	Non-Plan Revenue	657.67	671.00	601.90	(-) 130.90
3.	Plan Capital	256.00	193.64	121.23	(+) 72.43

FIFTYFIFTH ANNUAL REPORT: 1986-87

In our opinion —

- (a) Budget exercise should be decentralised instead of imposing the budget by a central authority.
- (b) Flexible budgeting technique should be adopted in case of subsequent cuts in financial grants by Government.
- (c) Revised budget for a particular plan period must be compared with actual results in summary form and variances must be drawn out.
- (d) There is an ample scope of improvement in the budgetary control system.

[(a) It is not desirable.

- (b) This is not feasible since 80% of the total non plan budget is meant for Salary & Allowances, payment of Pension, Gratuity, Stipend, contribution to P. F. etc.
- (c) This is always done.
- (d) Noted.]

9. Loans and Advances Rs. 30,69,907.88 (Schedule III) :

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

(a) These advances comprise 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) Despite our repeated requests, ageing of these advances was not given to us which was required by us to determine whether is any doubtful advance and if so, the extent of provision necessary. In our opinion, unless all doubtful advances are identified and suitable provision is made in accounts the accounts will not give a true picture.

(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) Attention of the administration is drawn for ensuring clearance of the huge backlog at the earliest and to monitor the same in future.

(f) Sundry Debtors balance of Rs. 81,360.80 is being classified as doubtful since 1970-71 in the Institute's accounts but despite repeated comments of the previous auditors including us last year, no positive action has been taken even this year for its write off though last year the administration had remarked that "action is being taken to streamline it".

(g) While scrutinising advances of various outstation branches, it was observed that the branches maintain record of advances made and amounts realized during the year only and do not reflect opening or closing balances which are in the books of the Head Office. A complete list of such advances containing closing balance for Delhi Centre obtained from H.O. was disputed by the Delhi Centre. Owing to this anomaly, it is opined that H.O. should relieve the opening balances in respect of branch advances so that branches are able to exercise full control on their recoveries.

(h) *House Building advance to staff Rs. 48,91,596.00* : The Institute is appropriating every year out of Non-plan current Expenditure Grant a sum of Rs. 5.00 lakhs as grant for house building advance to staff. While accumulated appropriation for this purpose is Rs. 43,85,866.00 as on 31.3.1987 advances given for house building has exceeded the grant by Rs. 5,05,730.00. It was also observed that the Institute is realising interest from employees on outstanding House Building loans but such interest is charged cumulatively only in those cases where the principal amount of loan has been fully recovered. In other cases interest is not taken in account from year to year. In our opinion, unless the interest recoverable on accrual basis also is accounted for every year in each case, the income as well the corresponding asset would be understated to that extent.

INDIAN STATISTICAL INSTITUTE

(i) *Travelling Advances Rs. 4,06,534.53 :*

(i) The list of travelling advances consist of many old balances, both debit and credit, which are being carried forward for a number of years without any adjustment/scrutiny. 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 same would be overstated to the same extent thus revealing a position which may not be true. In our opinion, the administration should make positive and vigorous effort to ensure that the backing is cleared without further loss of time.

(ii) In many cases it was observed that fresh advances were given without first realizing the earlier advances. For example :

Name of the Employee	Balance on 1.4.1966	Further advances	Recovery	Balance on 31.3.1967
Ashok Kr. Dutta	38,300.70	22,883.40	8,026.00	54,869.10
Dr. D. Dutta Majumdar	36,368.50	26,103.00	27,529.00	34,944.50
K. C. Malhotra	15,368.25	16,776.00	1,716.00	30,428.25
Sisir Roy	10,331.00	19,286.00	9,631.00	19,986.00
K. Chakraborty	13,278.20	1,900.00	8,083.74	7,094.46
Pratal Bandopadhyay	7,656.05	4,668.00	4,568.00	7,656.05

(j) *Suspense and Advances Rs. 19,23,889.46.*

(i) *Suspense staff Rs. 2,74,388.64 (Net)*

(a) The above balance has been shown net after deduction from total debit balance of Rs. 9,31,696.40 total credit balance of Rs. 6,56,918.55.

(b) Difference of Rs. 285.21 between General Ledger and Personal Ledger balances has not been reconciled.

(c) Our scrutiny of staff suspense accounts revealed that some of those balances, both debit and credit, are atleast 5 to 7 years old and continue to appear in Balance Sheet year after year without any scrutiny/adjustment. Immediate efforts should be made to adjust this.

(ii) *Suspense-outside Parties Rs. 16,49,602.81*

(a) The above balance has been shown Net after deducting from Debit balance of Rs. 18,71,284.86 credit balance of Rs. 2,21,782.05.

(b) Though Age-wise break-up of suspense-outside parties was not made available to us, our scrutiny revealed that long outstanding balances, both Debit and Credit, as early as 1981-82 and before, continue to appear year after year in the Institute's Balance Sheet without any scrutiny/adjustment. In our opinion, immediate attention should be given to clear these balances.

[The matters mentioned in sub-para (a) to (f) had already attracted attention of the Administration of the Institute and suitable steps have already been taken to reduce unadjusted suspense. As for (g) Administration is not aware of the dispute or difference. However, The matter will be looked into.

(h) Interest accruing out of House Building advances has never been shown in income and expenditure account. As per rule, the interest amount is received after loan amount is repaid; the same gets funded in the House Building advance fund.

(i) *Travelling Advances Rs. 4,06,504.52*

Necessary steps have been initiated for adjustment of travelling advances. Out of the advances shown above following amount have been adjusted during 1987-88.

(1) Dr D. Dutta Majumdar Rs. 23,878.00 (2) Prof. Ashok Dutta Rs. 25,136.00. Amount shown against Dr. Sisir Roy is under adjustment.

FIFTYFIFTH ANNUAL REPORT: 1986-87

- (j) *Suspense & Advance Rs. 10,32,989.40/Suspense Staff Rs. 2,74,366.64 (Nil)*
- (i) (a) (b) It has been shown in Schedule X.
- (c) It is true that there are some advances which are more than 6 years old. Suitable necessary action are taken whenever possible for recovery/adjustment.
- (ii) *Suspense Outside Parties Rs. 18,49,002.91*
- (a) & (b) same as above.

Noted.]

10. *Fixed assets Rs. 11,15,53,057.83 (Schedule 7)*

- (a) Physical verification of Various Fixed Assets at Head Office as well as at various branches was not carried on during the year under review and as such discrepancies, if any, between the physical and the book balances could not be ascertained.
- (b) During the scrutiny of Fixed Assets Register it was observed that Additions made during 1986-87 were not incorporated therein.
- (c) One aspect of problem regarding the vast magnitude of assets is determination of old, worn out, dilapidated and obsolete assets from time to time say at a regular intervals of 3 years and adjusting the value by suitable write off. In case of large fleet of vehicles maintained by the Institute, it was observed that some of them were unscrutable since last many years. In case of other similar assets also the Institute should after taking due permission from the government immediately arrange to dispose off the same to prevent any further deterioration in saleable value.
- (d) *Civil Construction*
- (i) The estimated cost of construction has been exceeded in the following cases of civil constructions completed during the year under review.

(Figure in lakhs)

Sl. No.	Branch	Nature of Construction/ Contractor's Name	Tender Estimate	Actual	Excess
1.	Calcutta	Administrative Building—S.T.P. Construction	33.68	39.10	5.59
2.	Hyderabad	Admn. Block & Staff Qrs.— P. V. Raja	29.06	37.30	8.24
3.	Bangalore	Academic Block—A.S.K. Brothers	35.98	38.44	2.45
		Staff Qrs.— Byrava Civil Wks.	30.91	35.83	5.02
		Students' Hostel Byrava Civil Wks.	17.96	24.85	6.90
Total:			147.49	175.83	28.14

In view of the scarce resources, we feel that strict vigilance and economy should be exercised in future construction projects.

- (ii) During our scrutiny of the Contractor's Bills with the Measurement books that in almost all cases, extra work (Non-Tender items) was executed without obtaining prior permission of the relevant authority and without prior consideration of the further expenditure involved. It was observed that the extra work done at each R/A stage was measured and entered in Measurement Book but was not being billed by the Contractor till in the Final Bill. In our opinion, unless the Architect appointed by the Institute determine the liability on account of extra work (Non-Tender items) at each R/A stage, the Institute will have no way in knowing extra outlay involved till the completion of the construction which may put the Institute in serious ways and means difficulties.

INDIAN STATISTICAL INSTITUTE

(iii) In case of Medical Welfare Unit Building at Calcutta (Tender Estimate Rs. 9.37 lakhs) it was observed that though the Building was completed in March 1986, it was reflected in the Balance sheet as work-in-progress.

(iv) For conducting physical verification, Council in its meeting held on 13 December 1986 decided that administration should make an assessment about the requirements of fund for paying extra remuneration to Mauritian's employees. Due to financial constraints it has been possible for the Institute to take up physical verification work for the Library only at Headquarters in 1987-88. Physical verification in other areas will be done soon in a phased manner.

(v) Addition will be incorporated immediately after audit report is finalised where addition of Assets have taken place during the year are certified by auditors.

(vi) *Noted.* The Administration is already seized with the magnitude of the problem. Unrecoverable/unusable vehicles, are disposed of from time to time after clearance of due processes. Government's permission is invariably taken whenever a capital item procured out of Government grant is to be disposed of.

(d) Civil Construction

1. Calcutta—Administrative Building

The excess of Rs. 5.52 lakhs over tendered estimate of Rs. 33.68 lakhs had arisen out of the following factors :

- (1) Installation of a vault in the Cook Section (Ground floor).
- (2) Pond filling for additional areas and for certain other minor matters.

All these were considered duly by the Works Advisory Committee before administrative approval was accorded.

2. Hyderabad

It may be stated that Works Advisory Committee, considered the excess in details, scrutinised them after obtaining certificate of the architects. Excess requirement was indicated by the administration on 28 October 1987 to the Section 8(1) Committee. The Committee allowed the Institute to keep suitable provision to meet additional requirement of fund.

3. Bangalore

(i) The same is the position as stated in respect of Hyderabad. However comments are noted.

(ii) Recommendations of Works Advisory Committee are obtained as a routine measure wherever an extra item work is to be executed. Difficulties are sometimes experienced in assessing the quality correctly beforehand and as such in many cases it stands in the way of obtaining prior approval from the appropriate authorities. Measurement of such extra works are invariably recorded in measurement book with proper certification of the consultant architect. Payment is however made only when approval is obtained from the appropriate authorities.

(iii) Since the free maintenance liability period of contractors is only one year it often becomes difficult to account for any store materials if required during that period. Further, the contractors and consultant architect takes some time to check all the records relating to construction before settlement of final bill. Hence the delay in ultimate payment of final bill.]

11. Building Materials (Cement) :

(a) At Delhi Centre : Despite the Administration's assurance last year that "the matter will be looked into", no satisfactory explanation was given about shortage of 393 bags of cement detected by us last year which was reported to have been damaged due to rains & subsequently of having been destroyed without proper authorisation.

(b) At Calcutta : During casual verification of Cement Stock records at Calcutta, we detected an obsolete stock of about 238 Metric Tonnes of Cement valuing about Rs. 2.38 Lakhs reported to have been damaged due to rains long back and being carried forward in the Inventory since 1975 without any effort to make suitable accounting adjustments for its write off after obtaining govt. permission. No satisfactory explanation was furnished to us by the Administration till date of signing this Report.

[For set cement bags in Delhi investigation is already over. For Calcutta a preliminary investigation has been completed. Further, Council was informed about this on 23.11.87. Council has suggested to place the matter with proper agenda note in a subsequent meeting of the Council.]

FIFTYFIFTH ANNUAL REPORT : 1986-87

12. Deposits & Liabilities Rs. 65,77,396.88 (Balance Sheet Liabilities Side-Schedule) :

(a) Our scrutiny revealed that many old items are being carried forward in the Institute's Balance Sheet year after year without any scrutiny/adjustment. In our opinion, these liabilities should be settled as early as possible.

(b) According to information and explanations, both Revised Budget Estimates as approved by Section 8(1) Committee as well as Non-Plan Revenue Grant received from Govt. of India included a sum of Rs. 73.00 Lakhs for payments emanating from recommendations of the 4th Pay Commission's Report for the year 1986-87. It was explained that out of the said sum of Rs. 73.00 Lakhs, the Institute has already spent a sum of Rs. 30.00 Lakhs during the year 1986-87 and balance of Rs. 37.00 Lakhs yet to be paid. Since the above sum of Rs. 37.00 Lakhs has not been provided for in the Institute's accounts, in our opinion, the deficit of Rs. 12.88 Lakhs as shown by the Income & Expenditure Account-Non-Plan as well as corresponding liability are understated to the extent of Rs. 37.00 Lakhs and to that extent the accounts do not show a true picture.

(a) All old items in the list of liabilities as specified by Auditors have since been adjusted in the Accounts as per the directions of the Finance Committee (8th December 1986) and Council dated (13 December 1986); accepting Rs. 6,93,000.81 on account of ground rent payable to Delhi Development Authority and the matter has been taken up with the D.D.A for early settlement.

(b) It has been explained in Explanatory note attached to the Income & Expenditure Account.]

13. Reconciliation of Bank Balances : Earlier differences in Bank Reconciliation statements of United Bank of India, Dunlop Bridge Branch, Calcutta and Indian Bank, Hyderabad reported by us last year have since been reconciled barring two or three cases in case of U.B.I. Dunlop Bridge Branch, Calcutta.

However, in view of the fact that in case of Hyderabad Branch differences in cash balances of earlier years was adjusted during the year under review, we feel that though the differences were not of material amounts, cash balance as reflected in the earlier years were wrong and to that extent there was lack of internal control on receipts and payments of cash at that centre.

[No comments.]

14. Cash & Bank Balance : Rs. 1,80,74,184.47 :

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

Nath Bank Ltd. (In Liquidation)	Rs. 3,758.99
S.B.I. (Delhi 'A')	Rs. 1,632.73
S.B.I. (Delhi 'B')	Rs. 698.60

(b) From the perusal of Schedule VI-Cash & Bank Balances, it appears that Cash & Bank Balances shown in the Balance Sheet of the Institute i.e. Rs. 52,119.23 and Rs. 1,80,22,065.25 respectively are balancing figures and individual Bank account has not been linked up with the individual Fund Accounts.

[The liquidator of Nath Bank Ltd has since informed the Institute that in case any decision is arrived at to pay any dividend or to close the liquidation proceedings then the Institute will be duly informed.]

In respect of State Bank of India, Delhi 'A' & 'B' A/c. communications had been sent out requesting the banks to close down the accounts and transfer the proceeds to State Bank of India, Shyambozar Branch, Calcutta.

(b) This is the general practice followed in the Institute. Cash & Bank balances with different Banks are allocated against the related funds. This will be evident from Schedule IV of the Statement of Accounts.]

15. (a) Stock of Medicines with MERU :

Keeping in past practice followed by the Institute, the entire stock of medicines purchased by MERU is charged to consumption despite there being a closing stock of appreciable amount of medicines at the year end. The list of closing stock of medicine contained various drugs which had already crossed the expiry period for which no suitable provision was made in the accounts. Stock Register maintained by Dispensing Unit requires improvement.

(b) Stock of Agriculture and Farm Products at Giridih :

It was observed that Giridih centre accounts show purchases of seeds, fertilisers etc., and sale of farm products but does not show opening and closing stock of Farm products. In our opinion, unless this is shown, accounts would not reflect a true picture of its Income and assets.

INDIAN STATISTICAL INSTITUTE

(a) Consumable stores are charged to Income and Expenditure a/c, as per practice. Medicine is one such item. Arrangements exist to verify the closing stock at the end of the financial year. Suppliers of medicine are committed to take back the time-barred medicine. Reputed retailers like Popular, New Life, etc. are approached in the event of following contingencies: (1) To meet emergent cases including procurement of life saving drugs and (2) when the wholesaler fails to supply a particular medicine in time. Normally only those medicines are procured which had been listed by a properly constituted committee with an eminent physician as Chairman (Dr. Byomkesh Bhattacharjee). The same Committee is now on the job to review the list and also to enlist reputed suppliers who had already responded for enlistment in reply to advertisement made in two leading dailies.

Even in dispensing until the pharmacists keep an account of stock with reference to medicines received from the stores and medicines dispensed against prescriptions. The job is of very great magnitude and it is difficult to undertake the records in view of the fact that on a particular day about two hundred varieties of medicines are to be dispensed by the pharmacist.

Purchase of medicines by the Medical Welfare Unit for the year have been considered as expenditure as per practice followed by the Institute. So, opening and closing stock of medicines are also not exhibited in the Accounts.

(b) Purchase of seeds, fertilizers, etc. for the year have been considered as expenditure as per practice followed by the Institute. So, opening and closing of stock of seeds etc. at Dividid are also not exhibited in the Accounts.]

18. In absence of details, supporting or other documentary evidence, the following Expenditure could not be verified by us.

	Account Head	Amount	Remarks
Head Office	Travelling Expn.	1861.00	Contingency charges as approved by the Director for foreign travel of Dr. D. Dutta Mazumdar had no details.
Madras	Travelling Expn.	3603.30	Air Ticket not attached
Delhi	TIFR Scholarship	2368.76	Bill of Cordwell Electrostatist and Printers receipt not produced for our verification.
	House Rent, Rates and Taxes	87,500.00	Rent receipts in respect of House Khas Rented Staff Quarters not produced for our verification.
Baroda	House Rent, Rates and Taxes	1,749.60	Receipt for payment of Municipal Taxes in respect of Rented Premises not produced.

(c) Dr. D. Dutta Majumdar's travel, Madrid-Paris-Calcutta, during 28.6.85—15.7.85 was sponsored by the Dept. of Electronics, Govt. of India. So, submission of any bill by him was not required. Only the difference of Rs. 1,361] was paid to him on the approval of the Director, other will be looked into.)

17. Extent and efficacy of the Internal Audit System prevailing in the Institute :

As an addendum to our last year's observations that Internal Audit System prevailing in the Institute was grossly inadequate and needs strengthening, we would like to state that Extent and efficacy of such a system in case of the Institute depended upon three basic factors namely (a) Staff Strength, (b) Extent of coverage and (c) Degree of compliance of Internal Audit observations. Established in the year 1955, the Internal Audit Deptt. continued till present date to have a staff strength of two persons—a Senior Chartered Accountant and one clerk (Non-Accounts man) which, regard being had to the increasing activities of the Institute and vast magnitude of transactions, is grossly inadequate. No specific terms of reference and Extent of coverage has been determined and hence the Extent of coverage was found to be partial. Through the perusal of some of their detailed and systematic notes and scrutiny of the follow up measures it was observed that there was a very high rate of non-compliance we are surprised as to why the administration has not taken so far any effective steps to revitalise this department which in addition to safeguarding the Institute's interests can also be of substantial assistance to statutory and Govt. Auditors in performance of their duty and in evolving a system overall controls including budgetary control.

(Due to financial constraints, it was not possible to enlarge the internal Audit Cell although Administration is fully aware of the need).

FIFTYFIFTH ANNUAL REPORT : 1986-87

18. General :

(a) More than 75% of the Govt. grant is being spent on salaries and other amenities to staff yet strangely practically each department feels shortage of staff. In our opinion, there is an acute need to conduct a Pay Nationalisation Study with a view to ascertain parity in pay structure vis-a-vis other Govt. bodies. Comparison of the present staff strength with optimum No. of staff strength and evaluation of amenities vis-a-vis other Govt. bodies.

(b) Leave travel concession rules followed by the Institute are different from the Central Government rules. In our opinion there is no reason why the rules followed by the funding authority i.e., Govt. should also not be strictly followed by the Institute.

(c) Extra Remuneration, Overtime allowances and expenditure on repairs of vehicles needs to be controlled.

(d) Special attention should be given to clear the huge backlog of old outstanding balances of loans and advances, suspense accounts, liabilities, etc.

(e) *No comments.*

(f) *Council and Govt. are fully aware of this. The matter was deliberated by Council even on 23 November 1987.*

(g) *System of control exist.*

(h) *Administration's replies have been furnished in para (f) above.]*