

Biological Sciences Division

Anthropology and Human Genetics Unit

Ghosh, B.N., Bharati, P. and Vasulu, T.S. : Gender differentials in socio-cultural, political and health aspects in rural West Bengal, India. *Dimensions of Researches in Indian Anthropology*, Vijoy S Sahay and Pradip K. Singh (eds.), Serials Publications, New Delhi, 256-269, 2003.

Karmakar, B., Yakovenko, K. and Kobylansky, E. : Sexual dimorphism : 22 dermatoglyphic trails in five endogamous populations of West Bengal, India, *Papers on Anthropology*, Heije Kaarna (ed.), Tartu University Press, Estonia 93-112, 2002

Vasulu, T.S. : The tribes of Madhya Pradesh : A brief ethnographic note, *Demography and Health profiles of the tribals (A study of M.P.)*, D.K. Adak, B.N. Bhattacharya, R. Ghosh, M. Pal, P. Bharati and T.S. Vasulu (eds.), Anmol Publications, New Delhi, 2003.

Social Sciences Division

Economic Research Unit

Dasgupta, D. : Macroeconomics – A historical perspective, *Encyclopedia of Life Support Systems*, Mukul Majumdar (ed.), Eolss Publishers, Oxford (for UNESCO), Section – Fundamentals of Economics, 2003-2004.

Maiti, P. : Environmental pollution and economic instruments for its control, *Economy, Ecology and society* A Collection of Essays, R.Khasnabis (ed.), Department of Business Management, University of Calcutta, Kolkata, 3-30, 2003.

Pal, M., Adak, D.K., Bhattacharya, D.N., Bharati, P. and Vasulu, T.S. : The tribes of Madhya Pradesh: A Brief Ethnographic Note, *Demography and Health Profile of Tribals: A Study of M.P.*, Anmol Publications Pvt. Ltd., 30-49, 2003.

Population Studies Unit

Datta, P. : Migration of Nepali women to West Bengal, *Issues on Empowerment of Women*, Utpal Kumar Dey and B.N. Ghosh (eds.), Mohit Publications, New Delhi, 366-366, 2004.

Paihak, P. : Demographic profile of Meghalaya in the perspective of its socio-economic, cultural and health development, *Dynamics of Population and Reproduction Health : Emerging Issues of North-Eastern Region in India*, D.C. Nath (ed.), Capital Publishing Co., Guwahati, 31-50, 2003.

Psychology Research Unit

Ghosh, A. : Perceived self-efficacy and academic achievement of primary school students, *Education in North-East India*, B. Lyndem, and U.K. De (eds.), Concept Publishing company, New Delhi, 132-133, 2004.

Ghosh, A. : Entrepreneurial Behaviour : A study of socio-psychological variables in entrepreneurs of Tripura, *Dimensions of Rural Development in North-East India*, B. Dutta Ray and G. Das (eds.), Akansha Publishing House, New Delhi, 138-148, 2004.

Ghosh, A. : Empowerment of women through entrepreneurship : an empirical study, *Issues on Empowerment of Women*, U.K. De and B.N. Ghosh (eds.), Mohit Publication, New Delhi, 123-131, 2004.

Gupta R. : Empowerment of women in terms of education and their deprivation, *Issues on Empowerment of Women*, U.K. De and B.N. Ghosh (eds.), Mohit Publication, New Delhi, 325-336, 2004.

Sociological Research Unit

Dasgupta, U. : In pursuit of a different freedom : Rabindranath Tagore's Santiniketan school and World university, 1901-1941, *India : A National Culture?*, Sage Publications and India International Centre Quarterly, Delhi, 2003.

Ghosh, B.N. : Gender differential in socio-cultural, political and health aspects of rural women in West Bengal, *Dimensions of researches in Indian Anthropology*, Vol.1, Vijay Kumar Sahay and Pradip Kumar Sahay (eds.), Senal Publication, New Delhi, 256-269, 2003.

Swaminathan, M. : The dangers of narrow targeting : an assessment of the targeted public distribution, *Towards a Food Secure India, Issues and Policies*, S. Mahendra Dev, K. P. Kannan and Nra Ramachandran (eds.), Institute for human Development and Centre for Economic and Social Studies, 388-405, 2003.

Statistical Quality Control and Operations Research Division

SQC & OR Unit, Bangalore

Ravindran, G. and Parthasarathy, T. : Global Univalence and Jacobian Conjecture, *Applicable Mathematics in the Golden Age*, J.C. Misra (ed.), Narosa Publishing House, Delhi, 378-409, 2002.

Part II. VISITING SCIENTISTS, HONOURS AND AWARDS, ASSIGNMENTS

8. VISITING SCIENTISTS

A number of distinguished scientists from abroad and India participated in the research, training and other scientific activities of the Institute during the year. Some of them came to the Institute on invitation and spent fairly long periods in the Institute to assist in the regular research and teaching programmes, while others came for short periods and gave lectures and seminars. Most of them were available for consultation by the faculty members of the Institute. Names of the visiting scientists are given below.

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bandyopadhyay, Antar, Dept. of Statistics, University of California, June - August 2003.

Behara, Biswaranjan, September 2003-August 2004.

Bhattacharya, Alok, School of Life Sciences, JNU, January 28 -February 5, 2004.

Chakraborty, Arnab, Dept. of Statistics, Stanford University, U.S.A., October 2003 - September 2004.

Das, Mrinal, Kanti, Harish-Chandra Research Institute, July - December 2003.

Dasgupta, Nairanjana, Program in Statistics, Washington State University, U.S.A., January 14 -25, 2004.

Dharmadhikari, Avinash, Dept. of Advance Study Center of Statistics, University of Pune, December 7-17, 2003.

Ghosal, Subhashis, Dept. of Statistics, North Carolina State University, May 26 – June 30, 2003.

Majumder, Anita, September 2003- March 2004.

Mukerjee, Rahul, Indian Institute of Management, Kolkata, July 2003 - June 2004.

Mukherjee, Amiya, December 2003 – November 2005.

Oja, Hannu, Departments of Mathematics & Statistics, University of Jyväskylä, Finland, January – February, 2004.

Pandey, Neeta, B.K.C. College, June 2003 - June 2004.

Roy, Ashoke K., June 2003 – June 2004.

Singh, Tarkeshwar, July 2003 – June 2004.

Thangadurai, R., March 11 – April 10, 2003.

Stat-Math Unit, Delhi

Bassan Bruno, Dipartimento di Matematica, Università La Sapienza, Rome, Italy, January 12-20, 2004.

Benkherouf Lakdere, Department of Mathematics and Statistics, Sultan Qaboos University, Muscat Sultanate of Oman, January 3-10, 2004.

Chaubey Y. P., Department of Mathematics & Statistics, Concordia University, Canada, January 2004.

de Silva J. A., University of Lisbon, Portugal, December 13-16, 2003.

Gaubert Stephane, INIRIA, France, January 10-18, 2004.

Holbrook John, Department of Mathematics and Statistics, University of Guelph, Canada, March-April, 2004.

Khalefi Baha-Eldin, Department of Statistics, Razi University, Iran, February 1 – March 31, 2004.

Konno Norio, Department of Applied Mathematics, Yokohama National University, Japan, February 2004.

Kumar Ravinder, Department of Mathematics, Dayalbagh Educational Institute, Agra, June 4 -27, 2003.

Mallikarjuna Rao, K. S., Université de Provence, December 4, 2003–May 31, 2004.

Mehta Vikram, Tata Institute of Fundamental Research, Mumbai, March 24-26, 2004.

Musiere Pietro, Università L. Bocconi, Italy, January 4 - 28, 2004.

Overton M., Courant Institute, New York, USA, December 13-16, 2003 and December 25-27, 2003.

Patrone Sonia, Università L. Bocconi, Italy, January 7-15, 2004.

Sethuraman B., Department of Mathematics, California State University Northridge, USA, January 15-February 15, 2004.

Sourour A. R., University of Victoria, Canada, December 21-27, 2003.

Vanninathan M., Tata Institute of Fundamental Research, Bangalore, March 2004.

Winter Anita, Mathematics Institute, Universität Erlangen-Nuumberg, Germany, December 15-21, 2003.

Stat-Math Unit, Bangalore

Adhikari, S.D., Harish-Chandra Research Institute, Allahabad, June 16 – 20, 2003.

Atreya, K.B., Cornell University and Iowa State University, June 26, 2003 and January 12, 2004.

Aravinda, C.S., Chennai Mathematical Institute, Chennai, April 1 – 4, 2003.

Dey, Rukmini, Harish-Chandra Research Institute, Allahabad, June 6, 2003.

Dutta, Basudeb, Indian Institute of Science, Bangalore, April 10, 2003.

Evans, L.C., University of California, USA, July 30, 2003.

Gastasi, Pablo A, TIFR, Mumbai, August 15 – November 15, 2003.

Guillaume, Lafon, Ecole Normale Supérieure, Paris, January 19, 2004.

Indumathi, V., Pondicherry University, Pondicherry, November 11 – 25, 2003.

John P. Morgan, Virginia Tech, Virginia, November 2003.

Kodiyalam, Vijay, Institute of Mathematical Sciences, Chennai, September 29 – October 30, 2003.

Krishnaswami, Alladi, University of Florida, Gainesville, August 5, 2003.

Kulkarni, Manisha, October 13, 2003 – March 15, 2004.

Kulkarni, S.H., Indian Institute of Technology, Chennai, May 29, 2003.

Mohanty, Sara, March – November, 2003.

Narayana, D., January – March, 2004 .

Narayanan, E.K., Harish-Chandra Research Institute, Alahabad, May 2004.

Nayak, Suresh, Chennai Mathematical Institute, Chennai, April – May, 2003 and September–October, 2003.

Patil, D.P., Indian Institute of Scienca, Bangalore, May 8, 2003.

Paranjape, Kapil, Institute of Mathematical Sciences, Chennai, September 5, 2003.

Raghavan, T.E.S., University of Illionois Chicago Circle, January 4 – 7, 2004.

Raghuram, A., University of Iowa, USA, January 9, 2004.

Rao, N.V., University of Toledo, USA, January – February, 2004.

Rao, S.E., TIFR, Mumbai, September 15, 2003.

Sethuraman, B.A., California State University Northridge, February – March, 2004.

Skeide, Micheal, Brandenburgische Technische Universitat, Cottbus, July 12 - September 14, 2003.

Sofi, Amin, University of Kashmir, December 2003 – January 2004.

Srinivas Rau, S., North Maharashtra University, Jalgaon, June 9 – 29, 2003.

Seshadri, Harish, March – May 13, 2003.

Schurmann, Michael, Ernst-Moritz-Amdt-Universilat, Germany, February 12, 2004.

Subramanian, Jayasree, ICFAI, Bangalore, September 15, 2003.

Srinivasan, R., ICTP, Italy, August 20 – September 20, 2003.

Sinha, Sukanya, NBHM Visiting Professor, April 2003 – March 2004.

Sunder, V.S., Institute of Mathematical Sciences, Chennai, December 24, 2003.

Tewari, U.B., Indian Institute of Technology, Kanpur, January 16 – April 16, 2004.

Uma, B., North Maharashtra University, Jalgaon, June 9 – 29, 2003.

Vidyashenkar, Anand, University of Georgia, USA, July 29, 2003.

Vijayan, K., University of Western Australia, Australia, January 2 – 11, 2004.

Voll, Christopher, Mathematical Institute, Oxford, UK, November 27, 2003 – January 3, 2004.

Yogish Holla, TI FR, Mumbai, July 24, 2003.

Applied Statistics Division

Applied Statistics Unit

Haidar, Gibsankar, November 21, 2002- July 31, 2003.

Computer and Communications Sciences Division

Advanced Computing and Microelectronics Unit

Basu, S.K., Banaras Hindu University, June 25, 2003.

Deo, N., University of Central Florida, USA, March 17, 2004.

Goswami, Partha P., Calcutta University, November 28, 2003.

Iyengar, S.S., Louisiana State University, USA, July 10 -12, 2003.

Jana, Prasanta Kumar, Indian School of Mines, May 12 - June 13, 2003.

Kundu, S., Intel Corporation, USA, January 22, 2004.

Lakshminpathi, L., Intel Corporation, January 9, 2004.

Mukhopadhyaya, Ashis, University of Windsor, Canada, June 26 - July 10, 2003.

Pal, Sudebkumar Prasant, Indian Institute of Technology, Kharagpur, July 1-10, 2003.

Rao, S.V., Indian Institute of Technology, Guwahati, July 1 - 10, 2003.

Roy, Rahul, Max Planck Institute, Germany, December 19, 2003.

Sen, Arunabha, Arizona State University, USA, December 29, 2003.

Srimani, P.K., Clemson University, USA, December 22-27, 2003.

Zachariah, Sujit, Intel India Development Center, September 12, 2003.

Computer Vision and Pattern Recognition Unit

Sen, K., Pace University, New York, June- August, 2003.

Vajda, S., INRIA LORRAINE, France, February 1-29, 2004.

Physics and Earth Sciences Division

Physics and Applied Mathematics Unit

Ahmed, Zafar, Nuclear Physics Department, Bhabha Atomic Research Centre, Trombay, Mumbai, August 31 - September 2, 2003.

Chakraborti, A., Indian Institute of Science, Bangalore, February 12-25, 2004.

Hossain, MD. Anwar, Department of Mathematics, Dhaka University, Bangladesh, May 12-13, 2003.

Jayaraman, Girija, Center for Atmospheric Sciences, IIT, Delhi, May 18-21, 2003.

Lambert, Martin Francis, Department of Civil Engineering, University of Adelaide, Australia, January 30, 2004.

Leva, Geza, Institute of Nuclear Research, Hungarian Academy of Sciences (ATOMKI), Hungary, February 01-15, 2004.

Oberlack, Martin, Technical University Darmstadt, Germany, December 18, 2003.

Pati, Anun Kumar, Institute of Physics, Bhubaneswar, May 13, 2003.

Sanyal, Ratna, Indian Institute of Information Technology, Allahabad, May 5 - 20, 2003.

Biological Sciences Division

Agricultural Sciences Unit

Kam, S.P., International Rice Research Institute (IRRI), July 17-18, 2003.

Robert Spooner-Hart, University of Western Sydney, February 16-18, 2004.

Sheue, Chion-Rong, National Sun Tat-sen University, April 23-29, 2003.

Yang, Yuen-po, National Sun Tat-sen University, April 23-29, 2003.

Social Sciences Division

Economic Research Unit

Chaudhury, Ananish, University of Auckland, New Zealand, February 1-28, 2004.

Fields, Gary, Cornell University, USA., January 5-9, 2004.

Mallick, Indrajit, Centre for Studies in Social Sciences, Kolkata, April-December, 2003.

Ray, Subhas Chandra, University of Connecticut, USA, January 01-March 31, 2004.

Vilanen, Tarja, Institute for the Study of Social Change, University of College, Dublin, Ireland, January 2004.

Planning Unit

Balakrishnan, Pulpapre, Indian Institute of Management, Kozikode, March 22 - April 01, 2003.

Baland, Jean-marie, University of Namur, Belgium, September 4 – 25, 2003.

Bansal, Sangeeta, University of Delhi, September 2003.

Chanda, Areendam, North Carolina State University, USA, July 28-August 08, 2003.

Eswaran, Mukesh, University of British Columbia, Canada, July 28 - August 08, 2003.

Gravel, Nicolas, GREQAM-IDEF and University de la Mediterranee, (Aix-marseille II), December 15, 2003-January 26, 2004.

Johri, Alok, McMasters University, USA, December 15, 2003-April 02, 2004.

Kar, Anirban, Sabanci University, November 10, 2003-January 10, 2004.

Kotwal, Ashok, University of British Columbia, Canada, July 28-August 08, 2003.

Mehra, Meeta, TFRl, Delhi, September 2003.

Mukherjee, Dilip, Boston University, USA, May 26 - 29, 2003 and January 4 - 8, 2004.

Prabhakar, Ashoka Trust in India for Research in Ecology and Environment, September 04-09, 2003.

Putterman, Louis, Brown University, USA, January 2004.

Tyszkia, Tadeusz, Leon Kozminski Academy of Entrepreneurship and Management, Poland, February 1-29, 2004.

Wadhwa, Willima, SERFA, Delhi, August 01-December 15, 2003.

Weber, Shlomo, Southern Methodist University, USA, February 2004.

Psychology Research Unit

Basu, Soumitra, Consultant Psychiatrist, Aurobindo Society, Pondicherry, March 26, 2004.

Bose, Sukumar, Department of Applied Psychology, University of Calcutta, March 09, 2004.

Chatterjee, Amitava, IIT, Kharagpur, March 10-11, 2003.

Majumdar, Sisir, Fellow of the Royal Society of Medicine, London, February 13, 2004.

Mukhopadhyay, Priitha, Department of Psychology, University of Calcutta, March 24, 2004.

Sharma, N.K., Department of HSS, Indian Institute of Technology, Kanpur, July 24- 25, 2003.

Sociological Research Unit

Ray, Prasanta, Dept. of Sociology, Presidency College, Kolkata, September 2003-March 2004.

Statistical Quality Control and Operations Research Division

Ai Eshragh Jahromi, Industrial Engineering Dept., Sharif University of Technology, Iran, March 2004.

Martinez-Legas, Universitat Autònoma de Barcelona, Spain, February 2004.

Narula, S.C., School of Business, Virginia Commonwealth University, USA, December 22, 2003 – January 9, 2004.

Library, Documentation and Information Sciences Division

Documentation Research and Training Centre

Asundi, A.Y., Dept. of Lib. & Information Science, Bangalore University, September 2003 – March 2004.

Kohl, David F., Emeritus, University of Cincinnati, Cincinnati, February 1-14, 2004.

Lewison, Grant, Centre for Information Behaviour and the Evaluation of Research (Cyber), City University London EC1 VOHB, September 5, 2003.

Murthy, Narayana, Dept. of Computer & Information science, University of Hyderabad, December 8-10, 2003 and January 13-23, 2004.

Rath, Durga Shankar, Rabindra Bharathi University, Kolkata, May 19-31, 2003

Shepherd, Michael, Dept. of Computer Science, Dalhousie University, Canada B3H 1W5, December 2-13, 2003.

Watters, Carolyn, Dept. of Computer Science, Dalhousie University, Canada B3H 1W5, December 2-13, 2003.

9. HONOURS AND AWARDS

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bose, Arup

National Award in Statistics instituted in honour of Prof. C.R. Rao by Govt. of India, Ministry of Statistics and Programme Implementation, for the year 2002.

Goswami, Debashish

INSA Medal for Young Scientists.

Rao, T.J.

Chairman, Governing Council of the NSSO

Applied Statistics Division

Applied Statistics Unit

SenGupta, Ashis

President elect of International Indian Statistical Association, India chapter.

Computer and Communication Sciences Division

Computer Vision and Pattern Recognition Unit

Chaudhuri, B. B.

Jawaharlal Nehru Fellowship from Jawaharlal Nehru Memorial Fund; Homi Bhabha Award from University Grants Commission.

Pal, U.

Outstanding Young Researcher Award from International Association of Pattern Recognition (IAPR).

Sinha, S.

First Prize at the National Competition for Young IT Professionals from Computer Society of India.

Electronics and Communications-Sciences Unit

Dutta Majumder, D.,

Prof. Jnan Chandra Ghosh Memorial Award for 2003 from Science Association of Bengal; Award for outstanding contribution in Bio-medical Science and Technology, 2003 from Kalyani University.

Machine Intelligence Unit

Pal, S. K.,

Fellow of the International Association for Pattern Recognition (IAPR), USA.

Biological Sciences Division

Embryology Unit

Sarkar, R. R.

Humboldt Research Fellowship of Alexander von Humboldt Foundation, Germany.

Social Sciences Division

Economic Research Unit

Sarkar, Abhirup
Panchanan Chakraborty Memorial Award of Bangiya Arthaniti Parishad.

Planning Unit

Sen, Arunava
Fellow of the Econometric Society.

Psychology Research Unit

Dutt Roy, D.
Best Paper Award from Pondicherry Psychology Association; Professor T.E. Shanmugam Award from the Madras Psychology Society; ISCA Best Poster Presentation Award from Indian Science Congress Association

Ghosh, Anjali
Best Paper Presentation Award from Behaviour Section, 7th International and 38th National Conference of Indian Academy of Applied Psychology, Jodhpur.

Gupta, Rumki
Best Paper Presentation Award from School Education Section, 7th International and 38th National Conference of Indian Academy of Applied Psychology, Jodhpur.

Mukhopadhyay, S.
Dr. Devasenapathy Young Scientist Award from Indian Academy of Applied Psychology, Jodhpur.

Sociological Research Unit

Dasgupta, Atis
Member of the Heritage Commission of West Bengal and the Council of the institute of Development Studies; Member of the State Advisory Committee for the compilation of the West Bengal District Gazetteers and West Bengal Advisory Committee on Archaeology.

Ramachandran, V.K.
Member of the State Planning Board, Govt. of West Bengal and the Council of the institute of Development Studies; Chairman of State Land-use Board, Govt. of West Bengal.

Statistical Quality Control and Operations Research Division

Rajagopala, A.
Rashtriya Siksha Ratan Award by AIBDA, New Delhi.

10. EDITORIAL AND OTHER SCIENTIFIC ASSIGNMENTS

EDITORIAL ASSIGNMENTS

Besides the following, faculty members of the Institute have served on the Editorial Boards of numerous national and international journals.

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bose, Arup : Sankhya

Stat-Math Unit, Delhi

Bapat, R.B. : Journal of Linear and Multilinear Algebra; Electronic Journal of Linear Algebra; Journal of Mathematical Sciences, New Series.

Bhatia, R. : Journal of Linear Algebra and Its Applications; Journal on Matrix Analysis and Applications; Series Texts & Readings in Mathematics; Culture & History of Mathematics.

Dey, Aloka ; Sankhya.

Kocher, S.C. : Journal of Statistical Planning & Inference; International Journal of Reliability & Applications; Applicationes Mathematicae.

Roy, R. : Sankhya; Journal of Applied Mathematics; Indian Journal of History of Science.

Applied Statistics Division

Applied Statistics Unit

Biswas, Atanu : Journal of Sequential Analysis.

Chaudhuri, Anjit : Journal of Statistical Planning and Inference; Calcutta Statistical Association Bulletin.

Sengupta, Ashis : Editor-in-Chief, Journal of Indian Society for Probability and Statistics; Journal of Stochastic Modelling and Applications; Journal of Indian Statistical Association; Journal of Statistical Planning and Inference.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bhattacharya, Bhargab B. : Journal of Circuits, Systems and Computers; Journal of Electronic Testing, Theory and Applications.

Datta Gupta, J. : Special issue on Resource Management in Wireless and Mobile ad-hoc network of Microprocessor and Microsystems, Elsevier, NH.

Das, N. : Special issue on Resource Management in Wireless and Mobile ad-hoc network of Microprocessor and Microsystems, Elsevier, NH.

Electronics and Communications Sciences Unit

Mukherjee, D.P. : Journal IEEE Signal Processing Letters.

Pal N.R. : Journal of IEEE Transactions on Fuzzy Systems; IEEE Transactions on Systems Man and Cybernetics-B; International Journal of Approximate Reasoning; Journal Fuzzy Sets and Systems.

Machine Intelligence Unit

Pal, S.K. : Journal of IEEE Trans. Neural Networks (TNN); a special issue on Soft Case Based Reasoning for the Journal Applied Intelligence; Pattern Recognition Letters; International Journal of Pattern Recognition and Artificial Intelligence; Information Science; IEEE Transactions Pattern Analysis and Machine Intelligence; International Journal of Computational Intelligence & Applications.

Physics and Earth Sciences Division

Geological Studies Unit

Majima, W. and Chaudhuri, A.K. : Basin Development and Evolution in Relation to Rodinia, Gondwana and Asia Tectonics (Special Issue of Gondwana Research).

Physics and Applied Mathematics Unit

Mandal, B.N. : Advances in Fluid Mechanics Book Series.

Social Sciences Division

Planning Unit

Roy chowdhury, Prabal : Southern Economic Journal and Bulletin of Economic Review.

Somanathan, E. : Journal of Economic Behaviour and Organization.

Population Studies Unit

Bhattacharya, B.N. : Demography India, Volume 31, Indian Association for the Study of Population (IASP).

Patraik, Prasanta : Indian Journal of Regional Science, Volume 35, Regional Science Association of India.

SCIENTIFIC ASSIGNMENTS/ACADEMIC VISITS ABROAD

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Chaudhuri, Prabal
University of Hong Kong and Hong Kong Baptist University
Two weeks during November-December 2003.

Purkayastha, Sumitra
Department of Mathematics and Statistics, McGill University, Canada
October 3-December 21, 2003.

Rao, T.J.
International Statistical Institute, Berlin
August 13-20, 2003.

Sinha, Bikas, K.
Department of Mathematics, Statistics and Philosophy, University of Tampere, Finland; Department of Applied Mathematics, Mahidol University, Bangkok, Thailand; Department of Statistics in the Fox School of Business, Temple University USA; Statistics Unit of the Department of Mathematics, Taipei, Taiwan
September 2003, October 2003, December 2003 and January 2004.

Stat-Math Unit, Delhi

Athreya, Siva
Mathematisches Forschungsinstitut Oberwolfach, Germany; University of Minnesota; University of Erlangen; Banff International Research Station, University of British Columbia, Vancouver, Canada; Department of Statistics, University of California, Berkeley
July 7–August 1, 2003, September 26–October 6, 2003 and January 15-June 15, 2004.

Bapat, R. B.
Department of Mathematics, University of Connecticut, Storrs, U.S.A.; INRIA, Rocquencourt, France
August 25, 2002 - May 18, 2003 and May 19-31, 2003.

Bhatia, R.
University of Lisbon, Portugal; Yale University, USA; SIAM Conference in Williamsburg, USA; Kuwait University
Two weeks in June, 2003, three weeks in June-July, 2003 and one week in January, 2004.

Das, Ashish
Department of Mathematical and Statistical Methods, Agricultural University of Poznan, Poland
August 11-26, 2003.

Dewan, Isha
TU Delft, Netherlands
June 18-20, 2003.

Dey, Aloke
Berlin, Germany
August 11-20, 2003

Kocher, S.C.
City University of New York, USA; University of South Carolina, USA; University "La Sapienza", Rome, Italy; Polytechnic University Torino, Italy
One week in May 2003, four days in May 2003, three weeks in November-December 2003 and three days in December 2003.

Roy, Rahul
Laboratoire de Mathématiques Raphaël Salem, France and Centro di ricerca Matematica Ennio De Giorgi, Pisa, Italy; University of Illinois at Urbana, Champaign, USA; Okayama University and Chiba University, Japan.
June 16- July 21, 2003, October 1–8, 2003 and November 17–28, 2003.

Stat-Math Unit, Bangalore

Biswas, Jishnu
Morelia, Mexico; ICTP, Italy
June 15–July 4, 2003 and July 7–18, 2003.

Gadgil, Siddhantha
Institut Fourier, Grenoble, France
May 1 – July 5, 2003.

Inamdar, Shreedhar
Melbourne, Australia
December 9 - 19, 2003.

Jeganathan, P.
Department of Economics, Yale University; University of Vienna, Austria
October 26–November 19, 2003.

Prajapat, Jyotshana
ICTP, Italy, Courant Institute, NYU; National Centre for Theoretical Sciences, Taiwan
April 22 – May 9, May 10 – May 23, 2003 and February 16 - March 18, 2004.

Raja, C.R.E.
University of Rennes I, France
March 15–April 31, 2004.

Rajarama Bhat, B.V.
Nottingham University, U.K.; EMA Universität, Griefswald, Germany
April 1–June 30, 2003 and June 18 - 28, 2003

Thangavelu, S.
UNSW, Sydney ; ISAAC Congress, Toronto; GSF-Research Centre in Neuherberg/Munich, German;
University of Oregon, Eugene;
July 14–August 4, 2003, August 11–19, 2003, September 11-16, 2003 and September 22, 2003–
March 14, 2004.

Applied Statistics Division

Applied Statistics Unit

Basu, Ayanendranath
Department of Statistics, Pennsylvania State University, USA
January - July 2003.

Biswas, Atanu
University of Sussex, U.K. and Tamkang University, Taiwan
May-June, 2003 and November 2003.

Bose, Mausumi
University of Waterloo, Canada; International Statistical Institute, Berlin, Germany
May 30–July 11, 2003 and August 12-21, 2003.

Dewanji, Anup
University of Ottawa, Canada; Fred Hutchinson Cancer Research Center, Seattle, USA
June 23–August 01, 2003.

Sarkar, Palash
Centre for Information Security Technologies, Korea University, Korea
One week in June 2003.

SenGupta, Ashis
University of California, Santa Cruz, USA; University of San Francisco, USA ; Loma Linda University,
USA; University of California, Riverside, USA
June - August 2003.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Das, Sandip
School of Computing Science, Simon Fraser University, Canada
June 1-August 31, 2003.

Sinha, Bhabani P.
School of Computer Science, University of Windsor, Canada; ITIV, University of Karlsruhe, Germany,
Dept. of Mathematics and Computer Science, University of Paderborn, Germany
June 8-Sept. 7, 2003, September 12-December 11, 2003 and December 2, 2003.

Sur-Kolay, Susmita
Intel Asia Academic Forum
October 30-November 2, 2003.

Computer Vision and pattern Recognition Unit

Chaudhuri, B.B.
Open University, U.K.; University of Birmingham; Budapest, Hungary; Edinburgh University, U.K.
INRIA, Lorraine, France
July 29, 2003, July 31, 2003, April 12-17, 2003, August 3-7, 2003, August 7-27, 2003.

Garain, Utpal
Laboratoire PSI – FRE CNRS 2645 UFR des Sciences, University de ROUEN 76821 Mont Saint
Aignan cedex, FRANCE
March – November, 2004.

Mitra, Mander was Member, Program Committee, ACM SIGIR Conference on R&D Information
Retrieval 2004

Pal, U.
INRIA, Lorraine, France
August 7-September 6, 2003.

Palit, Sarbani
Kunming, China
October 16-19, 2003.

Electronics and Communication Sciences Unit

Mukherjee, D.P.
University of Virginia and University of Maryland, USA (for ICME 2003)
July 2003.

Pal, N.R.
University of West Florida, USA; Monash University, Australia; University of Missouri, Columbia, USA;
Bilkent University, Turkey; Istanbul Technical University, Turkey
August 03-May 2004, December 2003, December 14-17 2003 and June 2003

Pal, Srimanta
Dogus University/Istanbul Technical University, Istanbul, Turkey
June 26-30, 2003.

Machine Intelligence Unit

De, R.K.
Whitaker Biomedical Engineering Institute, Johns Hopkins University, U.S.A.
June 2002-June 2003.

Ghosh, Ashish
USA
October 20-December 19, 2003.

Mitra, Sushmita
Denmark and Spain
October 19-November 4, 2003.

Pal, S.K.
Australia and New Zealand; Italy; China; USA; Hong Kong
July 20 - August 1, 2003, October 6-13, 2003, October 15-24, 2003, December 15-18, 2003,
December 19 and 22, 2003 and January 12-14, 2004 .

Physics and Earth Sciences Division

Geological Studies Unit

Patranabis Deb, Sarbani
University of Durham, UK
July 7-10, 2003.

Physics and Applied Mathematics Unit

Dandapat, B.S.
Dhaka University, Bangladesh
December 26, 2003 - January 02, 2004.

Des, P.K.
Italy
September 27-October 10, 2003

Mazumder, B.S.
Technical University of Denmark; University of Sheffield; University of Nottingham; University of
Cambridge; University College of London, UK
July 01-September 17, 2003.

Roy, P.
Department of Physics, Tamkang University, Taiwan
September 16-October 10, 2003.

Roy, S.
George Mason University, USA
September 02, 2002-January 31, 2004.

Roychoudhury, R.
Institute of Mathematics, Academia Sinica at Taipei, Taiwan
July 22-August 04, 2003.

Biological Sciences Division

Anthropology and Human Genetics Unit

Dasgupta, Parasmani
Centre for World Food Studies, Amsterdam, The Netherlands
June 5-14, 2003.

Majumder, Partha. P.
Yale University; University of Connecticut; University of Michigan; University of Cincinnati; IGES and ASHG; UNESCO, FERCAP, Bangkok
September 5-18, 2003 and November 2-13, 2003.

Biochemistry Unit

Sengupta, Sharmila
International Agency for Research on Cancer, Lyon, France; Johannes-Guttenburg University, Mainz, Germany
February 11-12, 2004 and February 16-17, 2004.

Embryology Research Unit

Chattopadhyay, Joydev
IRD, Paris, France
June 01-July 31, 2003 and September 5-9, 2003.

Social Sciences Division

Economic Research Unit

Coondoo, Dipankor
U.S.A. (Washington, D.C.)
July 14-16, 2003

Ghosh, Buddhadeb
Institute of Developing Economies, Japan External Trade Organization, Chiba, Japan
December 1, 2003 - May 31, 2004.

Kabiraj, Tarun
Department of Decision Sciences and Managerial Economics, The Chinese University of Hong Kong
July 2-14, 2003.

Manjushpak, Mitra
University of Bonn, Germany and Switzerland (Garzensae)
June 16-August 8, 2003.

Mazumdar, Krishna
Frankfurt University, Germany
July 20-26, 2003.

Mukherjee, Diganta
Institute for Social and Economic Research (ISER), University of Essex, Colchester, UK
April 1-26, 2003.

Chakravarty, Satya R.
Finland (Helsinki)
May 30-31, 2003.

Planning Unit

Das, Satya P.
Southern Methodist University
January-May, 2003.

Somanathan, E.
Gothenburg University, Sweden; University of Michigan, Ann Arbor, USA; Santa Fe Institute, USA
Two weeks, two weeks, four weeks.

Sociological Research Unit

Ramachandran, V.K.
Rural Development Institute of the Chinese Academy of Social Sciences
April 19-21, 2003.

Swaminathan, Madhura
University of West Indies, Cave Hill Campus, Barbados; Rural Development Institute of the Chinese
Academy of Social Sciences
April 19-21, 2003 and June 24-30, 2003,

Statistical Quality Control and Operations Research Division

Chaudhuri, A.K.
Philips Semic, Thailand; Philips Semic, Germany; Philips Semic, Calamba, Philippines
August 4-8, 2003, October 27-28, 2003 and November 2003.

Chinnagiri, Mahesh
The Library of Congress, Washington DC, USA
February 2004.

Das, A.K.
Department of Informatics and Mathematical Modelling (IMM), Technical University of Denmark
August 11-17, 2003.

Das, Arup Kumar
Copenhagen, Denmark
August 16-22, 2003.

Majumdar, Anup
Surya Nepal Private Limited, Nepal
June 2003.

Mohan, S.R.
Tilburg University, Netherlands; Copenhagen, Denmark
August 11-16, 2003 and August 18-22, 2003.

Neogy, S.K.
Tilburg University, Netherlands; Copenhagen, Denmark
August 11-16, 2003 and August 18-22, 2003.

Perumallu, P.K.
Philips Semic, Thailand; PT Denso, Indonesia; T Hamaden; Philips, Hongkong (China); Philips Semic,
Calamba, Philippines
August 4-8, 2003, August, 2003, November 2003, August 25-26, 2003 and October 6-10, 2003.

Sarkar, Ashok
M/s Iran Khodro
August 15-28, 2003, October 30- November 14, 2003, December 12-26, 2003, January 15-28,
2004, February 17-25, 2004 and March 05-11, 2004.

Sett, Ranjan
Nepal
several times.

Library, Documentation and Information Sciences Division

Documentation Research and Training Centre (DRTC)

Ravichandra Rao, I.K.
SISA, University of Addis Ababa, Ethiopia; Chinese Association for Science-of-Science and ST
Policy (CASTP), Beijing, China
July 7-11, 2003 and August 25-29, 2003.

Prasad, A.R.D.
International Congress Centre Berlin, Germany
August 01-09, 2003.

Computer and Statistical Services Centre (CSSC)

Bagchi, Aditya
Department of Statistics, Rajshahi University, Bangladesh; San Diego Super Computer Centre,
University of California, San Diego, CA, USA
October 14-16, 2003 and October 24 -December 6, 2003.

SCIENTIFIC ASSIGNMENTS/ACADEMIC VISITS IN INDIA

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bandyopadhyay, Pradipta
Joint AMS-India Meeting at Bangalore; Ramanujan Institute of Advanced Study in Mathematics,
University of Madras, Chennai
December 17-20, 2003 and March 3-5, 2004.

Bose, Arup
Department of Statistics, Panjab University, Chandigarh; Fifth Triennial Calcutta Symposium, Kolkata
October 15-22, 2003 and December 28-31, 2003.

Chaudhuri, Probal
DESACS, Reserve Bank of India, Mumbai
One week in February 2004.

Dutta, Amartya Kumar
School of Mathematics, TIFR, Mumbai; IISc, Bangalore
April 21-May 23, 2003 and December 16-20, 2003.

Mukherjee, Amiya
AMS-India Meeting, ISI, Bangalore; HRI, Allahabad
December 2003 and March 2004.

Mukherjee, Goutam
Joint India-AMS Meeting
December 17-20, 2003.

Rao, T.J.
Guntur, Nagarjuna University
December 18-20, 2003.

Sinha, Bikas, K.
Pune University; Pandit Ravi Shankar Shukla University; Vallabh Vidyanagar; IIT Mumbai
2003-2004.

Tripathi, T.P.
BHU; BCKV and ICAR, Kalyani
December 29-31, 2003 and January 17-19, 2004.

Stat-Math Unit, Delhi

Athreya, Siva
Indian Academy of Sciences, Guwahati
November 19-26, 2003.

Bapat, R.B.
Karnataka University, Dharwad; Indian Institute of Technology, Guwahati
July 8-12, 2003, and February 21-24, 2004.

Bhaia, R.
Joint India-American Mathematical Society meeting in Bangalore; Ramanujan Symposium at the
University of Madras; Chennai Mathematical Institute
December, 2003 and March, 2004.

Dewan, Isha
ISRO, Trivandrum
2 days.

Karandikar, R.L.
Systat Software Asia Pacific Ltd., Bangalore; IFMR, Chennai; Society for Electronic Transactions and
Security, Delhi; National Co-ordinator for Indian National Mathematics Olympiad; Member of the
National Board for Higher Mathematics
May 12-June 27, 2003, November 3-7, 2003 and January 1-March 31, 2004.

Malikarjuna Rao, K.S.
Department of Mathematics, University of Hyderabad
February 03, 2004.

Rao B.L.S.P.
Prof. C. R. Rao Advanced Institute of Mathematical and Computer Sciences
February 29- March 1, 2004.

Roy, Rahul
TIFR, Mumbai; S. N. Bose Centre for Basic Sciences, Kolkata; Utkal University, Bhubaneswar
May 2003, August 2003 and September 2003.

Stat-Math Unit, Bangalore

Biswas, Jishnu
India-AMS Conference, IISc., Bangalore
December 19, 2003.

Delampady, Mohan
Manipal Academy of Higher Education, Manipal
October 6-10, 2003.

Inamdar, Shraedhar
Bhubaneswar, Orissa
October 7-18, 2003.

Rajarama Bhat, B.V.
Ramanujan Institute for Advanced Studies in Mathematics, Chennai; AMC Engineering College,
Bangalore
March 3-5, 2004 and March 29, 2004.

Rajeev, B.
TIFR, Mumbai
April 7-18, 2003.

Ramasubramanian, S.
Indian Institute of Science, Bangalore; St. Thomas College, Pala, Kerala
July 21-August 8, 2003 and October 1-3, 2003.

Sastry, N.S.N.
TIFR, Mumbai
January 6-14, 2004.

Sury, B.
Manipal Institute of Technology, University of Mysore
November 5-8, 2003 and November 24-28, 2003.

Thangavelu, S.
Institute of Mathematical Sciences, Chennai
May 26-27, 2003.

Applied Statistics Division

Applied Statistics Unit

Bandyopadhyay, Shibdas
University of Calcutta; Bidhan Chandra Krishi Viswavidyalaya, Kalyani; Bankura Panchmura
Mahavidyalaya; Member of the Technical Committee for Coordination and Improvement of Statistical
System in the State of West Bengal; Member of the Advisory Committee of the Institute for Studies in
Population, Agriculture and Rural Change, University of Kalyani
December 31, 2003, January 15, 2004, March 5, 2004, April 2003-March 2004 and August 2003-April
2004.

Basu, Ayanendranath
Desert Medicine Research Centre, Jodhpur
November 2003.

Bose, Mausumi
Punjab University, Chandigarh; Calcutta University
October 15-22, 2003 and December 28-31 2003.

SenGupta, Ashis
Dibrugarh University; Burdwan University; Kalyani University; Banaras Hindu University; IAPOR;
Nagarjuna University; University of Kolkata; Calcutta Mathematical Society, I.I.T. Kharagpur.
November 2003, December 15-17, 2003, December 12-14, 2003, December 18-20, 2003, December
28-31, 2003, December 20-22, 2003, March 15-16, 2004 and January 2004.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bhattacharya, B.B.
Programme committee of the International Association of Science and Technology for Development
(IASTED); Program committee of the International Workshop on VLSI Design and Test, 2003; Tutorial
Chair of the International Conference on Computers and Devices for Communications (CODEC) 2004;
Banaras Hindu University; Delhi College of Engineering, New Delhi; Physical Design Trends and
Layout-based Fault Modeling in the International Conference on VLSI Design held in Mumbai.
March 12, 2004, March 25, 2004, December 31, 2004 and January 4, 2004.

Das, N.
Silver jubilee celebration programme of IEEE Society, Calcutta Section; Program co-chair for the
International Workshop on Distributed Computing; chaired a technical session of The International
Conference on Computers and Devices for Communication, CODEC 04, Kolkata
November 6-7, 2003, January 1-3, 2004 and December 27-30, 2004.

Mukhopadhyaya, K.
Organizing Chair of the 6th International Workshop on Distributed Computing
December 27-30, 2004.

Datta Gupta, J.
Program Committee member of 1st IEEE International Conference on Mobile Ad-hoc and Sensor
Systems (MASS), 2004, Fort Lauderdale, Florida.

Sinha, B.P.
General Co-chair of the 6th International Workshop on Distributed Computing (IWDC 2004), Kolkata;
Program Committee member of the 12th International Conference on Advanced Computing and
Communication (ADCOM-2004), Ahmedabad; chaired the panel discussion organized by West Bengal
Academy of Science & Technology in collaboration with IEEE Communication Society Calcutta
Chapter, IACS, Calcutta; invited speaker in the International Conference on Computers and Devices
for Communications (CODEC 2004); gave a half-day tutorial lecture in the International Conference on
CODEC 2004, Calcutta; Dept. of Computer Science, Indian School of Mines, Dhanbad, (v) an invited
speaker in the National Seminar on Mathematics and its Applications (NSMA-2004)
December 27-30, 2004, December 15-18, 2004, March 13, 2004, March 13, 2004, January 1-3, 2004,
December 31, 2003, December 19, 2003 and March 26, 2004.

Sur-Kolay, S.
Program committee of the HIPC Workshop; chaired technical sessions at the 17th International
Conference on VLSI Design and the 3rd International Conference on Embedded systems, Mumbai;
Technical Program Chair of the 18th International Conference on VLSI Design and the 4th International
conference on Embedded Systems to be held in Kolkata; She also delivered a full-day tutorial titled
VLSI Design and Test on Dec. 31, 2004 in the International Conference on Computers and Devices for
Communications (CODEC 2004), held in Calcutta and a full-day tutorial titled Physical Design Trends
and Layout-based Fault Modeling on January 4, 2004 in the International Conference on VLSI Design
held in Mumbai.
December 18, 2003, January 5-9, 2004, January 3-7, 2005 and January 3-7, 2005.

Computer Vision and Pattern Recognition Unit

Chaudhuri, B.B.
Jadavpur University
December 2003.

Dash, N.S.
Jadavpur University, Kolkata; Asiatic Society, Kolkata; Madras University, Chennai
December 10-12, 2003, November 13, 2003 and February 25-27, 2004.

Garain, Utpal
Dept. of Computer Science & Engineering, Jadavpur University
December 2003.

Mitra, Mandar
Jadavpur University; Publicity chair, International Workshop on Distributed Computing, 2004
November and December 2003.

Electronics and Communications Sciences Unit

De, Arun K.
International Center for Radio Science, Jodhpur
December 14-21, 2003.

Mukherjee, Dipi Prasad
Institute of Advanced Studies for Science and Technology, Guwahati
January 2004.

Machine Intelligence Unit

Pal, S.K.
Viswabharati University, Calcutta University; ER & DCI, Kolkata; National Physical Laboratory (NPL),
New Delhi; W.B.B.S.
February 29, 2004, March 30, 2004, November 27-29, 2003, November 6, 2003 and January 1-2,
2004.

Physics and Earth Sciences Division

Geological Studies Unit

Bandyopadhyay, S.
Geological Survey of India, Hyderabad; B. M. Birla Science Museum, Hyderabad
March 21-28, 2004.

Ghosh, Parthasarathi
Institute of Remote Sensing, Dehradun; Survey of India, Dehradun;
March 14-19, 2004.

Saha, Diip
Indian Institute of Technology, Roorkee
October 27-31, 2003 and March 8-13, 2004.

Sengupta, D.P.
Geological Survey of India, Hyderabad and B. M. Birla Science Museum, Hyderabad
March 21-28, 2004.

Physics and Applied Mathematics Unit

Dandapat, B.S.
Department of Mathematics, Barhampur; Department of Mathematics, Gulberga University, Karnataka;
Utkal University, Bhubaneswar
December 12-18, 2003, January 31 - February 06, 2004 and March 25-26, 2004.

Ghosh, S.
Department of Physics, North Bengal University
March 22-24, 2004.

Mandal, B.N.
Department of Mathematics, Gulberga University, Karnataka
March 01-18, 2004.

Mazumder, B.S.
Central Water & Power Research Station (CWPRS), Pune
December 16-17, 2004.

Parashar, Preeti
Institute of Physics, Bhubaneswar; University of Delhi
October 6-10, 2003, March 24, 2004 to April 2, 2004 and December 22, 2003 to 8 January, 2004.

Biological Sciences Division

Anthropology and Human Genetics Unit

Majumder, Partha P.
Madras Diabetes Research Foundation, Chennai; IIT, Kanpur
May 2-4, 2003, October 22, 2003.

Mukhopadhyay, B.
Centre for Behavioural and Cognitive Sciences, Allahabad University; Dept. of Anthropology, North Bengal
University
April 2003, February 2004

Reddy, B. M.
S.V. University, Tirupati
March 2004.

Roy, B.
Indian Institute of Chemical Biology, Kolkata; Indo-US workshop, Bangalore
May 26, 2003, September 7-10, 2003.

Vasuku, T.S.
MMHANS, Bangalore; Composite Regional Centre, Guwahati
January 8-11, 2004 and March 29, 2004.

Social Sciences Division

Economic Research Unit

Dasgupta, Dipankar
CSSS, Kolkata; Department of Economics, Kolkata University
July 7-8, 2003 and February 28, 2004.

Economic Analysis Unit

Narayana, N.S.S.
Indian Economic Conference, ISEC, Bangalore; Trade, New Delhi
February 13-15, 2004, April 19-20, 2004.

Planning Unit

Somanathan, E.
Arunachal University
for five days.

Population Studies Unit

Bhattacharya, B.N.
Office of the Registrar General of India, Ministry of Home Affairs, New Delhi, Govt. of India; Institute for Research in Medical Statistics (IRMS); Indian Council of Medical Research (ICMR), New Delhi; International Institute for Population Sciences, Mumbai; Department of Statistics, Gauhati University; May 27, 2003, September 29-30, 2003, October 20, 2003, November 20-21, 2003 and March 26, 2004

Majumdar, P.K.
Directorate of Adult Education, Government of Mizoram, Aizawl; Indian Adult Education Association, New Delhi; National Literacy Mission, Department of Adult Education, Ministry of Human Resource Development, Govt. of India, New Delhi; National Literacy Mission, Directorate of Adult Education, Govt. of India, New Delhi; State Resource Centre Assam, Guwahati
June 3-7, 2003, October 31- November 02, 2003 and January 21-22, 2004.

Pathak, Prasanta
Asia Heart Foundation & Narayana Hrudayalaya; University of North Bengal; Institute for Studies in Population, Agriculture and Rural Change, University of Kalyani; Academic Staff College, University of Calcutta
July 01 2003, November 21-22, 2003, December 19-20, 2003, December 02-22, 2003, February 10, 2004, February 9-28, 2004 and February 17, 2004.

Psychology Research Unit

Chattopadhyay, R.
JNV University, Jodhpur
October 11-13, 2003

Dutt Roy, D.
Department of HSS of IIT, Chennai; Indian Institute of Psychometry, Kolkata; Indira Gandhi National University; Institute of Engineering & Management
May 12, 2003, July 18, 2003 and September, 2003.

Ghosh, Anjali
J.N.V. University, Jodhpur; Department of Psychology, Punjab University, Chandigarh
October 11-13, 2003 and January 3-8, 2004

Gupta, Rumki
All India Federation of Teachers Organization, Shri Krishna College, Nadia; J.N.V. University, Jodhpur
September 26, 2003 and October 11-13, 2003.

Mukhopadhyay, S.
J.N.V. University, Jodhpur
October 11-13, 2003.

Sharma, Monika
J.N.V. University, Jodhpur; Department of Psychology, Punjab University, Chandigarh
October 11-13, 2003 and 3-8 January, 2004.

Statistical Quality Control and Operations Research Division

Banerjee, Amitava
SPIN, Bangalore.

Das, Prasun
Godrej Saralee Pvt. Limited, Guwahati; Hindustan Paper Corporation Limited, Kolkata; Hindustan National Glass, Rishra; ORG-MARG, Kolkata

Handa, S.S.
Sixth International conference of the association of Asia-Pacific Operational Research Societies, Hotel Grand Intercontinental, New Delhi
December 8-11, 2004.

Lakshminathan, P.R.
Conference on Six Sigma (organized by SQC & OR Unit, ISI, Bangalore) at Hotel Taj West End, Bangalore
February 11-12, 2004.

Majumdar, Anup
West Bengal Master Printers Association at hotel Holyday Inn
July 5, 2003.

Majumdar, B.
International conference on "Operations Research with Economic and Industrial Applications", ISI, Kolkata; Conference on Six Sigma at Hotel Taj West End, Bangalore; Sixth International conference of the association of Asia-Pacific Operational Research Societies, Hotel Grand Intercontinental, New Delhi
January 8-10, 2004, February 11-12, 2004 and December 8-11, 2004.

Mandal, P.
Vallabh Vidyanager University, Anand
January 18-20, 2004.

Mohan, S.R.
International conference on Operations Research with Economic and Industrial Applications, ISI, Kolkata; Sixth International conference of the association of Asia-Pacific Operational Research Societies, Hotel Grand Intercontinental, New Delhi
January 8-10, 2004 and December 8-11, 2004.

Neogy, S.K.
Sixth International conference of the association of Asia-Pacific Operational Research Societies, Hotel Grand Intercontinental, New Delhi
December 8-11, 2004.

Rajagopal, A.
Association of Textile Committee; PSG College of Technology, Coimbatore; Park College of Engineering, Coimbatore; Department of Statistics, Bharathiar University, Coimbatore; Institution of Cost and Works Accountants of India, Coimbatore; Lakshmi Machine Tools, Coimbatore; Indian Statistical Institute, Kolkata;
June 06, 2003, January 08-10, 2004, February 24, 2004, March 03, 2004, March 16, 2004, March 18-19, 2004 and March 27, 2004.

Library, Documentation and Information Sciences Division

Documentation Research and Training Centre (DRTC), Bangalore

Madali, Devika P.

SIT, Tumkur; IGNOU, New Delhi; CUSAT, Kochi University

August 22, 2003, September 29-October 01, 2003 and December 11, 2003.

Prasad, A.R.D.

National Library, Kolkata; CLRI, Chennai; IGNOU, New Delhi; Cochine University; Survey of India, Dehradun; Birla Institute Technology, Ranchi; ISRO

April: 28-30 2003 and July 14, 2003, September 11-12, 2003, September 29-October 01, 2003,

October 15-16, 2003, December 15-19, 2003, January 12, 2004 and January 27-30, 2004.

Rao, I.K. Ravichandra

Pune University; Mysore University

November 3-5, 2003 and January 23, 2003.

Computer and Statistical Services Centre (CSSC)

Bagchi, Aditya

National Institute of Management, Kolkata; Sixth International Conference on Information Technology,

Bhubaneswar; Indian Institute of Management, Kolkata

September 5-6, 2003, December 22-25, 2003 and December 27-30, 2003.

PART III. ADMINISTRATION AND OFFICE BEARERS

11. GENERAL ADMINISTRATION

Administrative Services Division

The Administrative Services Division at the headquarters caters to the various needs of the scientific workers in the 22 scientific units of the Institute engaged in various scientific, research and academic activities and provides them with necessary infrastructural facilities in their pursuit of excellence. The centres at Delhi and Bangalore, each having a number of science units are, by and large, self-sufficient in providing administrative support to the scientific workers there. The division has different units in Kolkata as mentioned below :

Sl. No.	Name of the Unit	Sl. No.	Name of the Unit
1.	Accounts Section	11.	Public Relations Unit
2.	Internal Audit Unit	12.	Publication and Printing Unit
3.	CAO's Office	13.	Binding Unit
4.	Council Section	14.	Central Office
5.	Director's Office	15.	Central Stores
6.	Engineering Unit	16.	Security Unit
7.	Electrical Maintenance Unit	17.	Telephone Unit
8.	Estate Office	18.	Transport Unit
9.	Medical Welfare and Reimbursement Units	19.	Guest House
10.	Personnel Unit		

Apart from the Units mentioned above, there are some small cells dealing with Budget, Import, Travel and House Building Advances, etc. to take care of the specific needs of the institute. The Administrative Services Division also looks after the running of hostels for students, research scholars and International Statistical Education Centre (ISEC) trainees and also the running of Canteen for the workers and students of the Institute. The other outlying Units numbering eight are controlled directly by the headquarters at Kolkata. The Administrative Services Division takes the responsibility for all new construction activities of the Institute at its headquarters and also at outlying centres/branches. A brief report on the construction activity in the current year is given later.

The activities of the Administrative Services in the two Centres, namely Delhi and Bangalore, and in other outlying branches of the Institute including Giridih, are more or less similar but on a much smaller scale. Depending on the needs of the branches/centres the units have been truncated and merged into fewer units.

Staff of the Institute

The senior members of the Institute administration during the year were :

<i>Director</i>	:	K.B. Sinha
<i>Dean of Studies</i>	:	G.M. Saha
<i>Head, Delhi Centre</i>	:	Aloke Dey
<i>Head, Bangalore Centre</i>	:	I.K. Ravichandra Rao
<i>In-Charge, Administration & Finance</i>	:	S.K. Majumder (Upto 13.10.2003)
<i>Chief Administrative Officer</i>	:	D. Bhattacharyya (From 14.10.2003)

List of workers who joined/retired/voluntarily retired/resigned/terminated/died during the year.

Appointments

Scientific/Technical Workers

<u>Sl. No.</u>	<u>Name</u>
1.	Chetan Ghata
2.	Prabal Roy Chowdhury
3.	Brali Sankar Chakraborty

Non-Scientific Workers

<u>Sl. No.</u>	<u>Name</u>
1.	Debjyoti Bhattacharyya
2.	Chinmoy Mukherjee
3.	M.V. Ramaswamy

Retirement/Voluntary Retirement

Scientific/Technical Workers

<u>Sl. No.</u>	<u>Name</u>	<u>Sl. No.</u>	<u>Name</u>
1.	Sanjib Gupta	7.	Sanjit Bose
2.	Ajay Kumar Adhikari	8.	Surendra Nath Banerjee
3.	Kanu Thakur	9.	Ranjit Chakraborty
4.	K.S. Nayak	10.	Chandralekha Duttagupta
5.	Kansari Halder	11.	Kanai Lal Biswas
6.	Asru Kumar Chowdhury	12.	Uma Dasgupta

Non-Scientific Workers

<u>Sl. No.</u>	<u>Name</u>	<u>Sl. No.</u>	<u>Name</u>
1.	Monoj Kumar Das	11.	Barun Kr. Bhattacharya
2.	Gopi Raman Saha	12.	Sanjoy Kr. Sinha
3.	Anima Das	13.	Madhab Ch. Yadav
4.	Isha Charan	14.	Anirudha Mahato
5.	Shanti Devi	15.	Bimal Dutta
6.	P. Nagaraja	16.	Charnu Orav
7.	Kishan Majhi	17.	Budhia Kewat
8.	Indramoni Gahan	18.	Satya Narain
9.	Sailendra Nath Samanta	19.	K.V. Chandra Kantha
10.	Hari	20.	Bineswar Mahato

21.	Nikhil Chakraborty	24.	Santosh Ch. Mandal
22.	Subhas Chandra Das Roy	25.	Maya Ghosh
23.	Gita Sarkar		

Resignation/Termination

Scientific/Technical Workers

<u>Sl. No.</u>	<u>Name</u>
1.	Tirthankar Dasgupta
2.	M.V. Asokan

Non-Scientific Workers

<u>Sl. No.</u>	<u>Name</u>
1.	Rupam Banerjee
2.	Sqn. Ldr. Satyabrata Chakraborty

Death

Scientific/Technical Workers

<u>Sl. No.</u>	<u>Name</u>
1.	Lohit Si

Non-Scientific Workers

<u>Sl. No.</u>	<u>Name</u>
1.	Meghnath Mondal
2.	Ram Chandra
3.	Bhola Mahato
4.	Ranjit Karmakar
5.	Shanti Debi Yadav

Number of workers in the Institute as on 31 March 2004 :

(i) Scientific and Technical Workers	-	477
(ii) Non-Scientific Workers	-	<u>929</u>
Total :		<u>1406</u>

Budget and Finance

For the year 2003-2004 the Institute's budget was estimated to be Rs.4317.20 lakhs and Rs.1584.00 lakhs towards Non-Plan and Plan respectively at the BE stage. The Government, after considering the report of the Section B(1) Committee, approved a sum of Rs.4208.55 lakhs including internal receipts and Rs.150.00 lakhs for Non-Plan and Plan expenditure respectively. At the revised estimate stage,

the Institute sought for a grant of Rs.4286.25 lakhs and Rs.1579.00 lakhs in Non-Plan and Plan estimates respectively. The Government approved a sum of Rs.4213.69 lakhs on Non-Plan, the Plan RE allocation was fixed at Rs.1579.00 lakhs. The expenditure during the year under report was well within the budget allocation sanctioned by the Government. The Audited Annual Accounts of the Institute for the year 2003-2004 have been furnished in Part IV of this report.

Construction and Maintenance works

The following major activities were undertaken by the Institute during 2003-2004.

Kolkata

Academic Building Phase-1

The construction work of Academic Building Phase-1 by M/s. Larsen & Toubro Ltd. has been completed and the interior partitioning along with internal electrification and airconditioning work is in progress. The building is expected to be occupied by September 2004.

An amount of Rs.165.42 lakhs was paid in this year to various agencies working for the above building.

Boys' & Girls' Hostels

The construction work of the above hostel blocks is virtually completed and taking over of the building is in progress.

An amount of Rs.229.61 lakhs has been paid to the Contractor M/s. Larsen and Toubro and consultancy charges to M/s. P. Mitra.

D-Type Quarters

The work is completed and the building has been taken over by the ISI and allotted to the eligible workers for residence.

An amount of Rs.29.89 lakhs has been paid to Contractor M/s. Larsen and Toubro in this financial year.

Boundary Wall

The boundary wall along the GLT Road is under construction and an amount of Rs.20.17 lakhs has been paid to Contractor M/s. Ghosh Engineering Pvt. Ltd. in this financial year and work will be completed by the end of August 2004.

Underground Pedestrian Subway

The construction of the subway is in full swing and will be completed by the end of July 2004. An amount of Rs.27.71 lakhs has been paid to the Contractor M/s. Traders and Engineers Pvt. Ltd. in this financial year.

Renovation work at Amrapali

The renovation work under phase-1 is in progress. An amount of Rs.3.60 lakhs has been paid to Contractor M/s. Nu-Pragathi and the work will be completed by the end of August 2004.

Miscellaneous

Various renovation/repair works were carried out during the year 2003-2004 at various Office Buildings, Residential Quarters and Hostel Blocks of ISI Campus.

Delhi

1. Renovation of Guest House (Ground Floor).
2. Renovation/Partitioning and Air conditioning of Library (Ground Floor).
3. Seepage treatment, which includes replacement of concealed pipes as well as plastering and painting of outer walls of A Block residential flats.

Bangalore

During the financial year 2003-2004, a Dining Hall with a kitchen was added to the existing Guest House. In addition, a car shed to park ten vehicles was also constructed. Other civil works carried out at the Centre are :-

1. Construction of a Pump room
2. Major repair work to the Boundary Walls
3. Repair and replacement of solar installation in the Hostel
4. Other major repair work for leakages etc.

Society Type Activities**Membership : April 2003 - March 2004**

- 1) No application was considered for Ordinary membership of the Institute.
- 2) 44 Ordinary Members became Life Members of the Institute.

The membership position as on 31st March 2004 is as follows :

Ordinary Members	-	1106
Life Members	-	588
Institutional members	-	5
Total	-	1699

Finance Committee Meetings : The Finance Committee met thrice, on 26 August 2003, 18 November 2003 and 29 January 2004 during the period under report. Apart from taking various decisions on financial matters, the committee recommended RE 2003-2004 and BE 2004-2005 (Plan and Non-Plan) in its meeting held on 26 August 2003. The Annual Report including Audited Statement of Accounts for the year 2002-2003 was considered and recommended in its meeting held on 18 November 2003.

Council Meetings : During the period under report, the Council met four times to take decisions on various matters of the Institute. In the Council meeting held on 27 September 2003, the budget proposals both for Plan and Non-Plan (RE for 2003-2004 and BE for 2004-2005) as recommended by the Finance Committee in its meeting held on 26 August 2003, were considered. The Annual Report including the Audited Statement of Accounts for the year 2002-2003 was considered and approved by the Council in its meeting held on 20 November 2003. The recommendations of the Third Review Committee were also considered by the Council in its meeting held on 30 July 2003.

A list containing the names of the President of the Institute, Chairman and members of the Council of the Institute and also lists of members of different committees constituted by the Council are given elsewhere in the report.

Annual General Meeting : During the period under report, the General Body of the Institute met on 24 November 2003. The Annual Report of the Institute for the year 2002-2003 and Audited Statement of Accounts for the year 2002-2003 together with the Auditor's comments and replies of the Administration thereto were adopted in the meeting of the General Body on 24 November 2003.

Besides the above, the General Body of the Institute also met in a "Special General Meeting" held on 20 June 2003, where the recommendations of the Third Review Committee were considered and resolutions were adopted by the members of the Institute. These were subsequently accepted by the ISI Council and sent to the Government of India in February 2004.

12. LIST OF MEMBERS

(Academic Council and Other Committees as on March 31, 2004)

Academic Council

K.B. Sinha, Director (Chairman)

G.M. Saha, Dean of Studies (Convener)

Theoretical Statistics and Mathematics Division

B.L.S. Prakasa Rao, B.V. Rao, T.J. Rao, S.B. Rao, A.R. Rao, Aladi Sitarum, B. K. Sinha, R.L. Karandikar, Rajendra Bhatia, Aloke Dey, T.P. Tripathi, Tapas Kumar Chandra, R.B. Bapat, Kalyan Kr. Mukherjee, S.M. Srivastava, H. Sarbadhikari, N.S. Narasimha Sastry, S. Ramasubramanian, Gadadhar Mishra, S. Thangavelu, K. Ramamurthy, Ratan Dasgupta, T.S.S.R.K. Rao, Bhaskar Bagchi, P.L. Muthuramalingam, Subhas Chandra Kocher, Arup Bose, Somesh Chandra Bagchi, Probal Chaudhuri, Rahul Roy, A.B. Raha, Mohan Delampady, Rana Barua, K. Sikder, B.V. Rajarama Bhat, P. Jeganathan, Debapriya Sengupta, Amitesh Dasgupta, Amartya Kumar Dutta, Aloke Goswami, B. Rajeev, Sunanda Bagchi, V. Pati, Abhay Gopal Bhatt, Ashis Das.

Applied Statistics Division

Pabitra Pal Choudhury, Shibdas Bandyopadhyay, Ashis Sengupta, K.S. Vijayan, Bimal Kr. Roy, Anup Dewanji, Debasis Sengupta, C.H. Sastry, Atanu Biswas, Ayanendra Nath Basu, Mousumi Bose, Tapas Samanta.

Social Sciences Division

Dipankar Dasgupta, Pradiip Maiti, Dipankar Coondoo, N.S.S. Narayana, Satya Ranjan Chakravarty, Biswanath Bhattacharya, Abhirup Sarkar, Satya P. Das, Atis Kr. Dasgupta, Manabendu Chattopadhyay, Arunava Sen, Nityananda Sarkar, Prasanta Kr. Majumder, V.K. Ramachandran, Madhura Swaminathan, Manas Ranjan Gupta, Amita Majumder, Sanghamitra Das, Tandra Rao, Arun Kr. Chatterjee, Monoranjan Pal, Prasanta Pathak, Bharat Ramaswamy, Prabai Roy Chowdhury.

Biological Sciences Division

P.P. Majumder, Dipak Kr. Bagchi, Ranjan Gupta, Sunanda Chanda, Monoranjan Ghose, B. Mohan Reddy, Bidyut Roy, Joydev Chattopadhyay.

Physics and Earth Sciences Division

B.S. Dandapat, Raj Kumar Roy Chowdhury, Birendra Nath Mondal, Bijoy Singha Mazumder, Subrata Bhattacharyya, Sisir Roy, H. Pai Majumder, Dilip Saha, Pinaki Roy, Parthasarathi Ghosh, Samarendra Bhattacharya.

Computer and Communication Sciences Division

Sankar Pal, Arun Kumar De, Jyotirmay Das, Bhabani Prosad Sinha, Bidyut Baran Chowdhury, Bhargab Bikram Bhattacharya, Jayashree Dutta Gupta, Kumar Sankar Roy, Nikhil Ranjan Pal, Bhabalosh Chanda, Malay Kr. Kundu, Swapan Kr. Panu, C.A. Murthy, Sambhu Nath Biswas, Krishnendu Mukhopadhyay, Nabanita Das, Sushmita Mitra.

Statistical Quality Control and Operations Research Division

P. Bhimasankaram, N.T.V. Ranga Rao, Arun Kumar Chaudhury, S.R. Mohan, S.C. Chakraborty, S. Sengupta, Anup Majumder, S.K. Majumder, S.S. Handa, Arvind Seth, Kalyan Kumar Chowdhury.

B. Majumdar, P.K. Perumallu, Amitava Bandyopadhyay, G.S.R. Murthy, Ashim Roy Chowdhury, P.R. Lakshminathan, Dipak Kr. Manna, Ranjan Setti, Md. Zafar Anis, Tridib Kr. Dutta.
Library, Documentation, and Information Sciences Division

U.K. Ravichandra Rao.

Computer and Statistical Services Centre (CSSC)

Subhas Ch. Kundu, Aditya Bagchi, Amitava Datta, Debasish Roy.

Member-Secretary, ISEC

Monoranjan Pal.

Other Committees of the Institute

A. Finance Committee

Director (Chairman), Government Representative (Ministry of Statistics), Government Representative (Ministry of Finance), Prof. A.R. Rao, Prof. R.K. Roychaudhuri, Prof. Dipankar Dasgupta, Prof. K.S. Vijayan, Shri Ajay Adhikari, Shri Ajay Ghosh, Head, Delhi Centre, Head, Bangalore Centre, Chief Administrative Officer/In-Charge, Administration & finance, Shri S.S. Panja (Non-Member Secretary).

B. Editorial Committee

Editors (Sankhya A and B) :

Prof. Anup Bose, Prof. Aloke Dey, Prof. B.V. Rao

Co-Editors (Sankhya A and B) :

Prof. Berry Arnold, Prof. Krishna B. Athreya, Prof. G.J. Babu, Prof. Z.D. Baj, Prof. Probal Chaudhuri, Prof. Anirban Dasgupta, Prof. Mohan Delampady, Prof. Sanpei Kageyama, Prof. Wei Liem Loh, Prof. S.R. Mohan, Prof. Rahul Mukerjee, Prof. S. Ramakrishnan, Prof. R.V. Ramamoorthi, Prof. S. Ramesubramaniam, Prof. Rahul Roy, Prof. Debapriya Sengupta, Prof. Jun Shao, Prof. Kesar Singh, Prof. Winfried Stule.

Advisory Members :

Prof. Somesh Dasgupta, Prof. J.K. Ghosh, Prof. G. Kallianpur, Prof. K.R. Parthasarathy, Prof. C.R. Rao, Prof. S.R.S. Varadhan.

C. Works Advisory Committees

Kolkata

Prof. D.K. Bose (Chairman), Prof. S.C. Bagchi (Vice-Chairman), Prof. Partha P. Majumder, Dr. S.K. Majumder, Shri Ajay Ghosh, Outside Expert (Civil), Outside Expert (Electrical), Outside Expert (Architect), Prof. B.P. Sinha, Chief Administrative Officer, Sr. Civil Engineer, Shri S.S. Panja, Shri S. Lahiri (Convener).

Delhi

Shri T.S. Ratnam (Chairman), Shri S.L. Karunakaran (Chief Engineer, CPWD), Shri N. Nagarajan (Electrical, CPWD), Head, Delhi Centre, Prof. Arunava Sen, Dr. Arvind Sethi, Prof. S.C. Kochar, Shri S.S. Sethi (Convener).

Bangalore

Shri B.K. Pal (Chairman), Prof. M.K. Prafulla Chandra, Retired Head, Department of Civil Engineering, R.V. College, Bangalore, Shri K.R. Gokuldas, Electrical Consultant, No.1778, 2nd floor, Govindrajanagar, M.C. Layout, Bangalore 560040, Chief Engineer (C & B), Government of Karnataka or his nominee, Head, Bangalore Centre, Head, DRTC, Bangalore Centre, Head, Stat-Math. Unit, Bangalore Centre, Head, Economic Analysis Unit, Bangalore Centre, Executive-in-Charge, SOC & OR Unit, Bangalore Centre, Shri P.K. Unnikrishnan, Administrative Officer-in-Charge, Bangalore Centre (Convener).

D. Ph.D./D.Sc. Committee

Director (Chairman), Dean of Studies, Prof. Arunabha Sen, Prof. Probal Choudhury, Prof. S. K. Pal, Prof. R.L. Karandikar, Prof. Gadadhar Misra, Prof. Partha P. Majumder, Prof. B.B. Bhattacharya, Prof. S. R. Chakraborty (Convener).

E. Policy Planning and Evaluation Committee (PPEC)

Chairman of ISI or his nominee (Chairman), Director (Vice-Chairman), Dr. N.S. Sastry, Government Representative, Shri R.S. Prasad, Government Representative, Prof. N. Mukunda, Prof. P.J. Bhargava, Dr. Annotam Ghosh, Dr. S.K. Acharya, Prof. J.K. Ghosh, Head, Delhi Centre, Prof. Sankar K. Pal (Member Convener).

F. Technical Advisory Committees of different Divisions

Theoretical Statistics and Mathematics Division

Director (Chairman), Prof. Rahul Mukherjee, Prof. R.V. Gurjar, Prof. V.S. Sunder, Prof. Anil P. Gore, Prof. S.C. Bagchi, Professor-in-Charge (Convener).

Applied Statistics Division

Director (Chairman), Prof. Rahul Mukherjee, Prof. Anil P. Gore, Dr. Kulshrestha, Prof. P. Pal Choudhury, Prof. Anup Dewanji, Professor-in-Charge (Convener).

Computer & Communication Sciences Division

Director (Chairman), Prof. B. Yegnarayana, Prof. P.P. Chakraborty, Prof. B.L. Deekshatiku, Prof. K. Narayana Murthy, Prof. A.K. Majumder, Prof. B.B. Bhattacharya, Professor-in-Charge (Convener).

Physics and Earth Sciences Division

Director (Chairman), Prof. M.S. Srinivasan, Prof. K.S. Valdiya/Prof. S.K. Acharya, Prof. A. Khare, Prof. S. Ramaswamy, Prof. M. Vanninathan, Prof. Dilip Saha, Professor-in-Charge (Convener).

Biological Sciences Division

Director (Chairman), Prof. R.P. Purkayastha, Prof. I.P. Abrol, Prof. J.M. Naidu, Prof. M.R.S. Rao, Prof. V. Nanjundiah, Prof. Monoranjan Ghose, Professor-in-Charge (Convener).

Social Sciences Division

Director (Chairman), Prof. M. Rakshit, Prof. L. Krishnan, Prof. S. Munshi, Prof. Pabitra Sarkar/Prof. Probal Dasgupta, Prof. T.K. Roy, Prof. Atis Dasgupta, Professor-in-Charge (Convener).

Statistical Quality Control and Operations Research Division

Director (Chairman), Mr. Uttam Bandyopadhyay, Mr. U.N. Bhat, Mr. V.K. Mendiratta, Mr. B. Majumder, SOC & OR Division (Convener).

Library Documentation and Information Sciences Division

Director (Chairman), Ms. Swati Bhattacharya, Prof. Prabir Roychowdhuri, Chief Librarian (Convener).

INDIAN STATISTICAL INSTITUTE

SEVENTY SECOND ANNUAL REPORT 2003 – 2004

Statement of Accounts and Auditors' Report for the year
2003 – 2004

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24th September 2004

AUDITOR'S REPORT

1. We have audited the attached Balance Sheet of **Indian Statistical Institute**, 203 B.T. Road, Kolkata - 700 108 as at 31st March 2004 and also the annexed Income & Expenditure Account for the Year ended on that date. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an expert opinion on the financial statements based on our audit.

2. We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan & perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the over all financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

3. On the basis of such checks of the Books and records of the Institute as we considered appropriate and according to the information and explanation given to us during the course of audit, we report that:-

- (i) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (ii) The Balance Sheet and Income & Expenditure Account dealt with by the report are in agreement with the books of account.

4. In our opinion and to the best of our information and according to the explanation given to us the said accounts read with accounting policies (Schedule 24) and subject to the Notes on Accounts (Schedule 25) and our observation in the Annexure give a true and fair view: -

- (i) In the case of Balance Sheet, of the state of affairs of the Institute as at 31st March 2004 and,
- (ii) In the case of Income & Expenditure Account of the excess of Income over Expenditure of the Institute for the year ended on that date.

For **Mitra Ghosh & Ray**
Chartered Accountants

(B.K. Kolay)
Partner

(Membership No. 52959)

Place: Kolkata

INDIAN STATISTICAL INSTITUTE
BALANCE SHEET AS AT 31/03/2004

(Amount in Rupees)			
PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS/CAPITAL FUND AND LIABILITIES			
CORPUS/CAPITAL FUND	1	31,177,746.52	62,104,819.80
RESERVES AND SURPLUS/ GENERAL RESERVE	2	273,536,901.89	819,874,333.77
EARMARKED/ENDOWMENT FUNDS	3	172,784,421.15	145,553,843.25
SECURED LOANS AND BORROWINGS	4		
UNSECURED LOANS AND BORROWINGS	5		
DEFERRED CREDIT LIABILITIES	6		
CURRENT LIABILITIES AND PROVISIONS	7	58,945,415.42	57,207,945.52
PLAN & POLICY RESH UNIT (DELHI)		40,628,550.87	39,339,398.87
TOTAL		578,071,035.85	1,124,180,341.21
ASSETS			
FIXED ASSETS	8	268,955,517.04	815,292,948.92
INVESTMENTS/NET ASSETS-FROM EARMARKED			
ENDOWMENT FUNDS	9	101,371,000.00	84,568,000.00
INVESTMENTS - OTHERS	10		
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	167,117,967.94	184,981,993.42
PLAN & POLICY RESH UNIT(DELHI)		40,628,550.87	39,339,398.87
TOTAL		578,071,035.85	1,124,180,341.21
SIGNIFICANT ACCOUNTING POLICIES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

(S.SENGUPTA)
Accounts Officer

(S.S.PANJIA)
Accounts Officer

(D.BHATTACHARYYA)
Chief Admn. Officer

(K.B.SINHA)
Director

182/B Sarai Bose Road
Kolkata - 700 028

For Nitra Ghosh & Ray
Chartered Accountants

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

Partner

INDIAN STATISTICAL INSTITUTE
INCOME AND EXPENDITURE ACCOUNTS FOR THE YEAR ENDED 31/03/2004

(Amount in Rupees)

PARTICULARS	SCHEDULE	CURRENT YEAR		PREVIOUS YEAR	
		PLAN REVENUE	NON PLAN REVENUE	PLAN REVENUE	NON PLAN REVENUE
INCOME					
Interest Receipts	12		18,597,322.89		20,005,409.45
Grants/Subsidies	13	72,884,000.00	401,369,000.00	82,429,000.00	395,971,000.00
Fees/Subscriptions	14				
Income From Investments					
Excess/Endowment Funds transferred to Fund	15				
Income from Royalty, Publication etc.	16				
Interest Earned	17				
Other Income	18				
Increase/Decrease in stock of Finished goods and work-in-progress					
TOTAL (A)		72,884,000.00	419,966,322.89	82,429,000.00	415,976,409.45
EXPENDITURE					
Establishment Expenses	20	7,895,889.00	343,549,675.20	6,153,414.00	322,458,112.39
Other Administrative Expenses etc.	21	50,971,396.00	85,273,328.96	48,557,587.30	61,131,475.98
Expenditure on Grants, Subsidies etc.	22				
Interest	23				
TOTAL (B)		58,867,285.00	408,823,004.16	52,711,001.30	383,589,588.35
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL (A-B)		14,016,715.00	11,143,320.73	29,717,998.70	32,386,821.10
SIGNIFICANT ACCOUNTING POLICIES	24				
CONTINGENT LIABILITIES AND NOTES ON	25				

(S.SENGUPTA)
Accounts Officer

(S.S.PANJA)
Accounts Officer

(D.BHATTACHARYYA)
Chief Admn. Officer

(K.B.SINHA)
Director

142B Sarai Bose Road
Kolkata - 700 029

For Mitra Ghosh & Ray
Chartered Accountants

This is the Income and Expenditure account referred to our Report of even date.

Partner

INDIAN STATISTICAL INSTITUTE
SCHEDULE I FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
SCHEDULE I - CORPUS / CAPITAL FUND		
1. Opening Balance of Plan Capital Grant	2,32,28,944.46	
1.2 Less: Recovered during the year	2,27,55,243.54	
1.2 ADD: Capital Expenditure Grant received from of India during the year	8,50,16,000.00	
1.3 Less: Assets acquired during the year	7,39,15,550.00	
Sub Total Of 1	1,15,74,150.92	
2. Opening Balance of Excess of Receipts over Expenditure in respect of Plan Revenue Grant	3,02,32,945.20	
2.1 Less: Recovered during the year	2,97,17,938.70	
2.2 ADD: Excess of Income Over Receipts transferred from Income & Expenditure Account during the year in respect of Plan Revenue	1,40,16,915.00	2,97,17,998.70
2.3 Closing Balance of Excess of Receipts Over Expenditure in respect of Plan Revenue Grant	1,45,31,921.50	2,97,17,998.70
3. Opening Balance of Excess of Receipts over Expenditure in respect of Non Plan Revenue Grant	3,28,05,302.20	
3.1 Less: Recovered During the Year	3,23,18,207.10	
3.2 Add: Excess of Income Over Receipts transferred from Income & Expenditure Account during the year in respect of Non Plan Revenue	1,11,43,320.73	3,23,86,821.10
3.3 Closing Balance of Excess of Receipts Over Expenditure in respect of Non Plan Revenue Grant	1,16,30,415.83	3,23,86,821.10
4. Opening Balance of Excess of Expenditure over Receipts in respect of Non Plan Revenue Grant	56,86,358.96	
4.1 Less: Adjusted During the Year		
4.2 Closing Balance of Excess of Expenditure over Receipts in respect of Non Plan Revenue Grant	56,86,358.96	
5. Opening Balance of Excess of Expenditure over Receipts in respect of Plan Revenue Grant	8,72,382.77	

INDIAN STATISTICAL INSTITUTE
SCHEDULE I FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR	
51 Less: Adjusted During the Year				
52 Closing Balance of Excess of Expenditure over Receipts in respect of Plan Revenue Grant		8,72,382.77		
TOTAL (1 + 2 + 3) --- (4 + 5)		3,11,77,746.52		6,21,04,819.80

(S. SENGUPTA)
Accounts Officer

(S.S. PANJA)
Accounts Officer

(D. BHATTACHARYYA)
Chief Admn. Officer

(K.B. SINHA)
Director

182/B Sarai Bose Road
Kolkata - 700 079

For Mitra Ghosh & Ray
Chartered Accountants
Partner

INDIAN STATISTICAL INSTITUTE
SCHEDULE 2 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
SCHEDULE 2 RESERVE AND SURPLUS		
1. CAPITAL RESERVE		
2. REVALUATION RESERVE		
3. SPECIAL RESERVE		
4. GENERAL RESERVE		
(A) Opening Balance AS PER LAST ACCOUNT	81,98,74,333.77	81,98,74,333.77
(A.1) ADD: Capitalization of Fixed Assets during the year	7,39,15,550.00	
(A.2) ADD: Capitalization of 95% cost of Books & Journals during the year	4,05,55,300.00	
SUB TOTAL (A + A.1 + A.2)	93,43,45,183.77	81,98,74,333.77
(B) LESS: Depreciation during the year as per Schedule - 8	66,08,07,800.46	
(C) Amount written-off on Fixed Asset during the year as per Schedule - 8	481.42	
SUB TOTAL (B + C)	66,08,08,281.88	
TOTAL A - (B + C)	27,35,36,901.89	81,98,74,333.77

(S. SENCUPTA)
Accounts Officer

(S.S. PANJA)
Accounts Officer

(D. BHATTACHARYYA)
Chief Admn. Officer

(K. B. SINHA)
Director

182/B Sarat Bose Road
Kolkata - 700 029

For Mitra Ghosh & Ray
Chartered Accountants
Partner

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS FUNDING AGENCY	ORIYA -OCR TECH	STEGANOGRAPHIC		DEVELOP. AUDIT	
	OCAC	SCHEMES FOR SAT		SAMPLING TOOL	
	PROJECT 201 DST G.O.I.	PROJECT 202 DDEPT. OF SPACE	PROJECT 203 GOVT. OF W.B.		
a) Opening Balance of The Funds		1,00,000.00		2,88,853.00	2,37,374.00
b) Additions To The Funds :					
1. Donation / Grants					
2. Income From Investment made on account of Funds					
3. Other Additions					
TOTAL					
TOTAL (a+b)		1,00,000.00		2,88,853.00	2,37,374.00
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets					
- Books & Journal					
- Other					
TOTAL					
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and			1,60,194.00	7,000.00	
- Travelling & Conveyance			30,763.00	15,995.00	
- Admin. expenses/Overhead			8,056.00	1,43,377.00	
- Tax Deducted at Source					
- Contingencies			1,364.00	27,521.00	
- Trnf To Dev. Fund/Int. Receipt					
TOTAL				2,00,377.00	1,93,893.00
TOTAL (c)				2,00,377.00	1,93,893.00
d) Refund of Unspent Balance					
NET BALANCE AS AT					
THE YEAR END (a+b-c-d)		1,00,000.00		88,476.00	43,481.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	TRANSF.OP ASAME OCR TECHNOLOGY PROJECT 204 IIT GUAHATI	ITALA - HYDRO ELECTRIC PROJ PROJECT 205 TALA HYD.ELEC.	ALGEBRAIC ANALY OF MODEL.ETC PROJECT 206 DST G.O.I.	
a) Opening Balance of The Funds	3,00,000.00		99,970.00	31,888.00
b) Additions To The Funds :				
1. Donation / Grants				
2. Income From Investment made on account of Funds				
3. Other Additions				
TOTAL	3,00,000.00		99,970.00	31,888.00
TOTAL (a+b)	3,00,000.00		99,970.00	31,888.00
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				
- Books & Journal				
- Other				
TOTAL				
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries,Wages and				
- Travelling & Conveyance		25,008.00		12,119.00
- Admn. expenses/Overhead				18,620.00
- Tax Deducted at Source				842.00
- Contingencies				
- Trnf.To Dev.Fund/Intl.Receipt			25,008.00	
TOTAL			25,008.00	31,581.00
TOTAL (c)			25,008.00	31,581.00
d) Refund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)	3,00,000.00		74,962.00	307.00

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SCHEDULE 3: EARMARKED/ BUDGET FUND	DESIGN AID/TOOL FOR SYNTHESIS PROJECT 207 C.A. INTGN. & RO	GENOMIC DIVER- SITY, W. ASIA PROJECT 208 I-ISRL-SC.RECH.	DEV OF INDIGENES BOLCK ETC. PROJECT 209 DEPT.OF SPACE.		
FUNDING AGENCY					
a) Opening Balance of The Funds		1,20,606.00	5,80,004.00		2,09,177.00
b) Additions To The Funds :					
1. Donation / Grants	1,98,000.00				
2. Income From Investment made on account of Funds					
3. Other Additions					
TOTAL		1,98,000.00			
TOTAL (a+b)		3,18,606.00	5,80,004.00		2,09,177.00
c) (Withdrawal / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets					
- Books & Journal					
- Other					
TOTAL					
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and	40,000.00	1,80,000.00		2,03,150.00	
- Travelling & Conveyance	71,869.00			23,129.00	
- Admn. expenses/Overhead	75,326.00			900.00	
- Tax Deducted at Source					
- Contingencies	3,996.00			25.00	
- Trsf To Dev. Fund/Inv. Receipt					
TOTAL	1,91,191.00		1,80,000.00		2,27,404.00
TOTAL (c)		1,91,191.00	1,80,000.00		2,27,404.00
d) Refund of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)		1,27,415.00	4,00,004.00		-18,227.00

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	N B H M BANGALORE PROJECT 212 NBHM,DEP-ATOM	DST GRANT - RAJARAM BHAT PROJECT 213 D S T G.O.1	GEOMETRIC INVARIANCE FOR PROJECT 214 DEPT.SC & TECH
FUNDING AGENCY			
a) Opening Balance of The Funds		7,341.81	8,604.00
b) Additions To The Funds :			
1. Donation / Grants	4,49,918.00		45,000.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL	4,49,918.00		45,000.00
TOTAL (a+b)	4,57,259.81		8,604.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets	4,49,714.00		
- Books & Journal			
- Other			
TOTAL	4,49,714.00		
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and			
- Travelling & Conveyance			
- Adm. expenses/Overhead			1,25,323.00
- Tax Deducted at Source			
- Contingencies			
- Trnf. To Dev. Fund/Int. Receipt			
TOTAL			1,25,323.00
TOTAL (c)	4,49,714.00		1,25,323.00
d) Refund of Unspent Balance		8,604.00	
NET BALANCE AS AT			
THE YEAR END (a+b-c-d)	7,545.81		-12,740.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- BARMARKED/ GOVERNMENT FUNDS	BANACH ALGEBRA TECHNIQUES AND PROJECT 216 DST. G.O.1	OCR TECHNOLOGY BIBLIOGRAPHY PROJECT 217 DST.G.O.1	NUTURE CONTRACT PROGRAME OF DAE PROJECT 219 NBHM,DAE,BFLORE		
Opening Balance of The Funds		43,708.00			97,655.00
In Addition To The Funds :					
1 Donation / Grants	19,600.00		4,50,000.00		
2 Income From Investments made on account of Funds					
3 Other Additions					
TOTAL	19,600.00		4,50,000.00		
TOTAL (a+b)		63,308.00		4,50,000.00	97,655.00
(c) Utilisation / Expenditure objectives of Funds					
Capital Expenditure					
- Fixed Assets					
- Books & Journal			46,894.00	1,000.00	
- Other					
TOTAL			46,894.00	1,000.00	1,000.00
Current Asset					
- Bills					
TOTAL					
Revenue Expenditure					
- Salaries, Wages and			70,000.00		
- Travelling & Conveyance					
- Adm. expenses/Overhead	6,600.00		22,350.00	2,450.00	
- Tax Deducted at Source					
- Contingencies					
- Transferred to Dev. Fund/Int. Receipt					
TOTAL	6,600.00		92,350.00	2,450.00	
TOTAL (c)	6,600.00		1,39,244.00		3,450.00
(d) Rebal of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)		56,708.00	3,10,756.00		94,205.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	SOFT COMPUTING FOR MEDICAL IMA PROJECT 220 I N S A	EVALUATION OF TLC KAMRUP ZSS PROJECT 221 KAMRUP,GUHAHATI	FEASIBILITY OF SCREEN. PROGM. PROJECT 222 I C M R	
a) Opening Balance of The Funds	40,341.00		-51,120.00	1,33,725.00
b) Additions To The Funds :				
1. Donation / Grants		1,00,000.00		
2. Income From Investment made on account of Funds				
3. Other Additions				
TOTAL			1,00,000.00	
TOTAL (a+b)	40,341.00		48,880.00	1,33,725.00
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				
- Books & Journal	10,232.00			
- Other				
TOTAL	10,232.00			
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries, Wages and				8,000.00
- Travelling & Conveyance	17,579.00	6,166.00		50,787.00
- Admn. expenses/Overhead	10,000.00	32,255.00		79,498.00
- Tax Deducted at Source				
- Contingencies	2,500.00	100.00		531.00
- Trnf. To Dev. Fund/Int. Receipt				
TOTAL	30,079.00		38,521.00	1,38,816.00
TOTAL (c)	40,311.00		38,521.00	1,38,816.00
d) Refund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)	30.00		10,359.00	-5,091.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMINO PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	NBHM BOOKGRANT DEP. ATOMIC ENG. PROJECT 223 NBHM, DAE G.O.I	SHARING CAP. IN LOCALISATION PROJECT 124 ASIAIT & COM.,	RESEARCH & DEV. CRYPTO PROTOCOL PROJECT 225 D.I.T. G.O.I	
FUNDING AGENCY				
a) Opening Balance of The Funds		-93,778.11	35,285.71	
b) Additions To The Funds -				
1. Donation / Grants	18,00,000.00		1,60,456.20	17,50,000.00
2. Income From Investment made on account of Funds				
3. Other Additions				
TOTAL	18,00,000.00		1,60,456.20	17,50,000.00
TOTAL (a+b)	17,06,221.89		1,95,741.91	17,50,000.00
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				5,03,043.00
- Books & Journal	18,03,632.00			
- Other				
TOTAL	18,03,632.00			5,03,043.00
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries, Wages and				1,06,967.00
- Travelling & Conveyance		1,51,687.00		37,091.00
- Adm. expenses/Overhead		15,806.00		2,33,684.00
- Tax Deducted at Source				
- Contingencies		200.00		9,932.00
- Trnl. To Dev. Fund/Int. Receipt				
TOTAL			1,67,693.00	3,87,674.00
TOTAL (c)	18,03,632.00		1,67,693.00	8,90,717.00
d) Refund of Unspent Balance				
NET BALANCE AS AT				
THE YEAR END (a+b-c-d)	-97,410.11		28,048.91	8,59,283.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	STATUS OF WOMEN IN WEST BENGAL PROJECT 226 W.B COMM.WOMEN	CSIR- SENIOR RESEARCH ASSOC PROJECT 227 C.S.I.R.	GENETIC PREDISP TO ANTI TUBER. PROJECT 228 I.C.M.R	
a) Opening Balance of The Funds		1,001.00	-1,06,448.00	2,37,171.00
b) Additions To The Funds :				
1. Donation / Grants			1,10,140.00	2,12,120.00
2. Income From Investment made on account of Funds				
3. Other Additions				
TOTAL			1,10,140.00	2,12,120.00
TOTAL (a+b)		1,001.00	3,692.00	4,49,291.00
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				
- Books & Journal				
- Other				
TOTAL				
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries, Wages and				70,400.00
- Travelling & Conveyance				92,055.00
- Admn. expenses/Overhead				
- Tax Deducted at Source				
- Contingencies				3,902.00
- Trnf. To Dev. Fund/Int. Receipt				
TOTAL				1,66,357.00
TOTAL (c)				1,66,357.00
d) Refund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)		1,001.00	3,692.00	2,82,934.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3 - EARMARKED ENDOWMENT FUNDS	PROTECTION EFFE CT OF ALU INSEB PROJECT 229 I C M R	DEVELOPMENT OP VER PORT.SOFT. PROJECT 230 U G COMMISSION	NBHM TRAVEL GRA -S A THREYA PROJECT 231 NBHM
FUNDING AGENCY			
a) Opening Balance of The Funds		-65,935.00	
b) Additions To The Funds :			
1. Donations / Grants	7,59,400.00		85,000.00
2. Income From Investments Made on account of Funds		8,75,000.00	
3. Other Additions			
TOTAL	7,59,400.00		85,000.00
TOTAL (a+b)		6,93,465.00	85,000.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets		2,12,985.00	
- Books & Journal			
- Other			
TOTAL		2,12,985.00	
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and	48,000.00		
- Travelling & Conveyance		53,068.00	82,135.00
- Adm. expenses/Overhead	1,13,910.00	43,342.00	
- Tax Deducted at Source			
- Contingencies	1,319.00	21,359.00	
- Trnf. To Dev Fund/Int. Receipt			
TOTAL	1,63,229.00	1,17,769.00	82,135.00
TOTAL (c)	1,63,229.00	3,30,754.00	82,135.00
d) Reclad of Unspent Balance			
NET BALANCE AS AT THE YEAR END (a+b-c-d)		5,30,236.00	2,865.00

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- BARMARKED/ ENDOWMENT FUNDS	CSSR FELLOWSHIP P. C. JUYAL (ICSS) PROJECT 232 C S IR	NBHM GRANT CON FINALS. INT. PROJECT 233 NBHM	EGO POWER TESTING PROJECT 234 DST DELHI
a) Opening Balance of The Funds	930.00		51,829.00
b) Additions To The Funds :			
1. Donation / Grants		10,000.00	31,918.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL		10,000.00	31,918.00
TOTAL (a+b)	930.00	10,000.00	83,747.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and		12,000.00	2,500.00
- Travelling & Conveyance		15,446.00	
- Admn. expenses/Overhead			12,602.00
- Tax Deducted at Source			
- Contingencies		4,020.00	8,645.00
- Trnf. To Dev. Fund/Int. Receipt			60,000.00
TOTAL		31,466.00	83,747.00
TOTAL (c)		31,466.00	83,747.00
d) Refund of Unspent Balance			
NET BALANCE AS AT THE YEAR END (a+b-c-d)	930.00	-21,466.00	

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SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	NBHM FELLOWSHIP-P-PARTHASARTHY PROJECT 235	WEAPONS & ELECTRONIC SYSTEM EN PROJECT 235A	DST-MARKOV PROCESS PROJECT 236		
FUNDING AGENCY	DEPT.ATOMIC ENR	WESEE	D.S.T. G.O.I		
a) Opening Balance of The Funds		-15,600.00	2,71,298.00		20,930.00
b) Additions To The Funds :					
1. Donation / Grants	15,600.00				
2. Income From Investment made on account of Funds					
3. Other Additions					
TOTAL		15,600.00			
TOTAL (a+b)			2,71,298.00		20,930.00
(c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets					
- Books & Journal					
- Other					
TOTAL					
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and					
- Travelling & Conveyance					
- Adm. expenses/Overhead				16,178.00	
- Tax Deducted at Source					
- Contingencies					
- Trnf. To Dev. Fund/Int. Receipt					
TOTAL					16,178.00
TOTAL (c)					16,178.00
d) Refund of Unspent Balance				4,752.00	
NET BALANCE AS AT THE YEAR END (a+b-c-d)			2,71,298.00		

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SCHEDULE 3- earmarked Endowment Funds	SPATIAL STOCH ARTIS PROCESS PROJECT 237 D S T G.O.I	INSA-SENIOR SCI ENTHIST-S.K.MITR PROJECT 239 INSA	WATER WAVE SCATTERING PROJECT 240 DEPT.ATOMIC ENR
FUNDING AGENCY			
a) Opening Balance of The Funds			6,083.00
b) Additions To The Funds :			
1. Donation / Grants	1,09,320.00	31,258.00	83,453.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL	1,09,320.00	31,258.00	83,453.00
TOTAL (a+b)	1,09,320.00	37,343.00	28,757.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and		17,323.00	
- Travelling & Conveyance	51,278.00		1,800.00
- Admn. expenses/Overhead	18,872.00		1,539.00
- Tax Deducted at Source			
- Contingencies	22,152.00	11,019.00	
- Trnf. To Dev. Fund/Int. Receipt			
TOTAL	92,302.00	28,342.00	3,339.00
TOTAL (c)	92,302.00	28,342.00	3,339.00
d) Refund of Unspent Balance			
NET BALANCE AS AT THE YEAR END (a+b-c-d)	17,018.00	9,001.00	25,418.00

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SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	RESEARCH CENTRE IN IND. LANGUAGE PROJECT 241	CONCUR. EVALU. OF T.L.C.U. DINAJP PROJECT 242	TURBULENT AND INCIDENT SUSP PROJECT 243		
PENDING AGENCY	M.I.T., G.O.I	U.DIN., ZILLA SM	D.S.T.G.O.I		
a) Opening Balance of The Funds		23,10,215.00	1,05,842.70		18,191.00
b) Additions To The Funds :				2,00,000.00	
1 Donations / Grants					
2 Income From Investment made on account of Funds					
3 Other Additions					
TOTAL				2,00,000.00	
TOTAL (a+b)		23,10,215.00	1,05,842.70		2,18,191.00
c) Utilisation / Expenditure objectives of Funds					
i Capital Expenditure					
- Fixed Assets	1,95,390.00				
- Books & Journals	12,065.00				
- Other					
TOTAL	2,07,455.00				
ii Current Asset					
- Bills					
TOTAL					
iii Revenue Expenditure					
- Salaries, Wages and	7,17,871.00			87,450.00	
- Travelling & Conveyance	1,07,267.00			7,876.00	
- Adm. expenses/Overhead	2,36,838.00	12,645.00		36,959.00	
- Tax Deducted at Source					
- Contingencies	3,309.00	350.00		546.00	
- Int. To Dev. Fund/Int. Receipt					
TOTAL	10,65,285.00		12,995.00		1,32,831.00
TOTAL (c)	12,72,740.00		12,995.00		1,32,831.00
d) Refund of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)		10,37,475.00	92,847.70		85,360.00

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	GENOM.DIVERSITY		TECHNIQUES OF		KNOWLEDGE BASED	
	INTER.IND. POP PROJECT 244		TOPOLOGY & GEOM PROJECT 245		DATA MINING/CS PROJECT 246	
FUNDING AGENCY	DEP.BIO-TECH		DST. G.O.I		C.S.I.R	
a) Opening Balance of The Funds		4,54,508.00		-7,778.00		2,21,198.00
b) Additions To The Funds :						
1. Donation / Grants			7,778.00		2,82,112.00	
2. Income From Investment made on account of Funds						
3. Other Additions						
TOTAL				7,778.00		2,82,112.00
TOTAL (a+b)		4,54,508.00				5,03,310.00
c) Utilization / Expenditure objectives of Funds						
i. Capital Expenditure						
- Fixed Assets					17,656.00	
- Books & Journal						
- Other						
TOTAL						17,656.00
ii) Current Asset						
- Bills						
TOTAL						
iii. Revenue Expenditure						
- Salaries, Wages and	1,58,100.00				2,77,788.00	
- Travelling & Conveyance	15,183.00				14,091.00	
- Admn. expenses/Overhead	2,00,436.00				52,255.00	
- Tax Deducted at Source						
- Contingencies	6,976.00				9,311.00	
- Trnf. To Dev Fund/Int. Receipt						
TOTAL		3,80,695.00				3,53,445.00
TOTAL (c)		3,80,695.00				3,71,101.00
d) Refund of Unspent Balance						
NET BALANCE AS AT THE YEAR END (a+b-c-d)		73,813.00				1,32,209.00

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SCHEDULE 3- BARMARKED ENDOWMENT FUNDS	IMPACT OF FORES T DEPLETION ETC PROJECT 247	CSIR-SR.RES.-AS SO DR.S RAY(GSU) PROJECT 248	NEW TECHNIQUES OF FAST IMAGE PROJECT 250		
FUNDING AGENCY	DPT. ENV.& FRST	C S I R	I N T E L CORP		
a) Opening Balance of The Funds					10,51,812.10
b) Additions To The Funds					
1. Donation / Grants	1,12,700.00	1,50,894.00			
2. Income From Investment made on account of Funds					
3. Other Additions					
TOTAL	1,12,700.00	1,50,894.00			
TOTAL (a+b)	1,12,700.00	1,50,894.00			10,51,812.10
c) Utilisation / Expenditure objectives of Funds					
Capital Expenditure					
- Fixed Assets				2,30,000.00	
- Books & Journal		5,176.00		16,496.00	
- Other					
TOTAL			5,176.00	2,46,496.00	
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and	32,250.00	1,82,160.00		64,800.00	
- Travelling & Conveyance	18,358.00			80,327.00	
- Admn. expenses/Overhead	21,000.00	12,443.00		56,681.00	
- Tax Deducted at Source					
- Contingencies	333.00			733.00	
- Trnf. To Dev.Fund/Int Receipt					
TOTAL	71,941.00	1,94,603.00		2,02,541.00	
TOTAL (c)	71,941.00	1,94,603.00		2,02,541.00	4,49,037.00
d) Refund of Unspent Balance					
NET BALANCE AS AT					
THE YEAR END (a+b-c-d)	40,759.00		-48,885.00		6,02,775.10

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SCHEDULE 3 - BARMARKED ENDOWMENT FUNDS	STUDY ABOUT THE STEEL SECTOR PROJECT 250A WB FINAN.CORP.		INVESTN.OF ASSB S ERROR IN SURV PROJECT 251 C S I R		HANDWRITING RECOPFOR POST PROJECT 252 INDO-FRMH.CENT	
	FUNDING AGENCY					
a) Opening Balance of The Funds		45,000.00		27,559.00		1,40,692.00
b) Additions To The Funds :						
1. Donation / Grants	1,80,000.00		1,42,466.00		2,14,867.00	
2. Income From Investment made on account of Funds						
3. Other Additions						
TOTAL		1,80,000.00		1,42,466.00		2,14,867.00
TOTAL (a+b)		2,25,000.00		1,70,025.00		3,55,559.00
c) Utilisation / Expenditure objectives of Funds						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii. Current Asset						
- Bills						
TOTAL						
iii. Revenue Expenditure						
- Salaries, Wages and	51,461.00		1,20,000.00		1,68,000.00	
- Travelling & Conveyance	1,421.00				7,800.00	
- Admn. expenses/Overhead	16,963.00		517.00		65,277.00	
- Tax Deducted at Source						
- Contingencies			18.00		638.00	
- Trnf. To Dev. Fund/Int. Receipt						
TOTAL		69,845.00		1,20,535.00		2,41,715.00
TOTAL (c)		69,845.00		1,20,535.00		2,41,715.00
d) Refund of Unspent Balance						
NET BALANCE AS AT THE YEAR END (a+b-c-d)		1,55,155.00		49,490.00		1,13,844.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	DELAY FAULT MODELLING& TEST PROJECT 253	RELBLTY. ASSMNT OF A SOLID RM PROJECT 254	MOLBCU,GENETICS STUDY ON DIABIT PROJECT 255		
FUNDING AGENCY	INTEL.CORP.USA	DEPT.OF SPACE	DPT.BIO-TECH		
a) Opening Balance of The Funds			5,20,000.00		
b) Additions To The Funds :				7,50,000.00	
1 Donation / Grants	10,69,316.50				
2 Income From Investment made on account of Funds					
3 Other Additions					
TOTAL	10,69,316.50				7,50,000.00
TOTAL (a+b)	10,69,316.50		5,20,000.00		7,50,000.00
c) Utilisation / Expenditure objectives of Funds					
i) Capital Expenditure					
- Fixed Assets					
- Books & Journal					
- Other					
TOTAL					
ii) Current Asset					
- Bills					
TOTAL					
iii) Revenue Expenditure					
- Salaries,Wages and	1,80,241.00		53,177.00	55,000.00	
- Travelling & Conveyance			57,301.00	10,792.00	
- Adms. expenses/Overhead	28,261.00		78,495.00	54,300.00	
- Tax Deducted at Source					
- Contingencies	892.00		1,469.00	2,202.00	
- Trnf To Dev.Fund/Int.Receipt					
TOTAL	2,09,394.00		1,90,442.00		1,22,294.00
TOTAL (c)	2,09,394.00		1,90,442.00		1,22,294.00
d) Refund of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)	8,59,922.50		3,29,558.00		6,27,706.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- BARMARKED/ ENDOWMENT FUNDS	NATURE & CONTACT PROGRAMME NBH PROJECT 256	INSEAD RESEARCH GRANT(FORBN) PROJECT 259	COMPUTATIONAL I NTELLIGENCE ETC PROJECT 260
FUNDING AGENCY	DEP.ATOMIC ENRG	CEDEX, FRANCE	DPT.SPACE G O I
a) Opening Balance of The Funds	30,132.00		81,904.07
b) Additions To The Funds :			
1. Donation / Grants		2,13,065.00	8,35,000.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL			2,13,065.00
TOTAL (a+b)	30,132.00		2,94,969.07
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and		1,44,000.00	
- Travelling & Conveyance			
- Admn. expenses/Overhead			
- Tax Deducted at Source			
- Contingencies			
- Trnl. To Dev. Fund/Int. Receipt			
TOTAL			1,44,000.00
TOTAL (c)			1,44,000.00
d) Refund of Unspent Balance	30,132.00		8,35,000.00
NET BALANCE AS AT THE YEAR END (a+b-c-d)			1,50,969.07

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3: EARMARKED: ENDOWMENT FUNDS	DEV OF SOFTWARE L.F.S.R PROJECT 261 MIN OF DEFENC	EVALUATION OF RELIABILITY FLIGHT PROJECT 262 DEPT OF SPACE	CRYPT ANALYSIS OF STEGANO SCHM PROJECT 263 SAG DRDO	
FUNDING AGENCY				
(a) Opening Balance of The Funds		1,15,743 00	5,20,000 00	
(b) Additions To The Funds -				
1. Donations / Grants				2,73,000 00
2. Income From Investment made on account of Funds				
3. Other Additions				
TOTAL				2,73,000 00
TOTAL (a+b)		1,15,743 00	5,20,000 00	2,73,000 00
(c) Utilisation / Expenditure objectives of Funds				
1. Capital Expenditure				
- Fixed Assets				
- Books & Journal				
- Other				
TOTAL				
2. Current Asset				
- Bills				
TOTAL				
3. Revenue Expenditure				
- Salaries, Wages and		42,000 00		
- Travelling & Conveyance		56,007 00		
- Admin. expenses/Overhead		75,076 00		
- Tax Deducted at Source				
- Contingencies		1,786 00		
- Trnf. To Dev. Fund/Int. Receipt				
TOTAL			1,74,869 00	
TOTAL (c)			1,74,869 00	
(d) Refund of Unspent Balance				
NET BALANCE AS AT				
THE YEAR END (a+b-c-d)		1,15,743 00	3,45,131 00	2,73,000 00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	PHYSIO-EFFECT-	SPATIAL DIMEN.		FOREST AND THE	
	PEMF ETC. PROJECT 264 DST & NES	OF REPROD HEALTH PROJECT 265 I C M R		RESOR. FOR POOR PROJECT 266 UNIV. READING UK	
a) Opening Balance of The Funds		77,416.00			76,494.00
b) Additions To The Funds :					
1. Donation / Grants			1,61,500.00		
2. Income From Investments made on account of Funds					
3. Other Additions					
TOTAL				1,61,500.00	
TOTAL (a+b)		77,416.00		1,61,500.00	76,494.00
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets					
- Books & Journal					
- Other					
TOTAL					
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and				4,000.00	
- Travelling & Conveyance				12,872.00	
- Adm. expenses/Overhead				12,730.00	
- Tax Deducted at Source					
- Contingencies				808.00	
- Trnf. To Dev Fund/Int. Receipt					
TOTAL					30,410.00
TOTAL (c)					30,410.00
d) Refund of Unspent Balance	77,416.00				
NET BALANCE AS AT THE YEAR END (a+b-c-d)				1,61,500.00	46,084.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	STAT. METHODS OF FOR MAPN. MULTIV PROJECT 267		DEVELOPMENT OF CRYPTOLOGY-SHOG PROJECT 268		ENVIRONMENT MAN AGEMENT CAPACIT PROJECT 269	
	N I H U S A		SHOGI COMMUN.			
RYING AGENCY						
i) Opening Balance of The Funds				1,46,830.00		-4,376.00
ii) Additions To The Funds :						
1. Donation / Grants	12,12,987.00		2,37,187.00		8,091.40	
2. Income From Investment made on account of Funds						
3. Other Additions						
TOTAL		12,12,987.00		2,37,187.00		8,091.40
TOTAL (a+b)		12,12,987.00		3,84,017.00		3,715.40
c) Utilisation / Expenditure objectives of Funds						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii. Current Asset						
- Bids						
TOTAL						
iii. Revenue Expenditure						
- Salaries, Wages and				72,570.00		
- Travelling & Conveyance				25,068.00		
- Admn. expenses/Overhead	217.00				3,715.40	
- Tax Deducted at Source						
- Contingencies						
- Transf. To Dev. Fund/Int. Receipt						
TOTAL		217.00		97,638.00		3,715.40
TOTAL (c)		217.00		97,638.00		3,715.40
d) Retaind of Unspent Balance						
NET BALANCE AS AT THE YEAR END (a+b-c-d)		12,12,770.00		2,86,379.00		

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	NBHM LIBRARY CO MMITTEE(NORTHER PROJECT 273 DEPT.ATOMIC ENG	NBHM WORLD MATH YEAR (R.BHATIA PROJECT 275A DEPT.ATOMIC ENG	NBHM-RESEARCH A WARD-LINGARAJ S PROJECT 276 DEPT.ATOMIC ENG
FUNDING AGENCY			
a) Opening Balance of The Funds	18,838.00	7,231.00	45,225.00
b) Additions To The Funds :			
1. Donation / Grants		32,769.00	1,13,000.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL		32,769.00	1,13,000.00
TOTAL (a+b)	18,838.00	40,000.00	1,58,225.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and			1,08,000.00
- Travelling & Conveyance			
- Admn. expenses/Overhead		18,055.00	
- Tax Deducted at Source			
- Contingencies		990.00	
- Trnf. To Dev Fund/Inv. Receipt			
TOTAL		19,045.00	1,08,000.00
TOTAL (c)		19,045.00	1,08,000.00
d) Refund of Unspent Balance			
NET BALANCE AS AT THE YEAR END (a+b-c-d)	18,838.00	20,955.00	50,225.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	NBHM OLYMPIAD (DR R. L. KARNADIK PROJECT 277 DEPT ATOMIC ENG	NBHM BOOK GRANT (DELHI) PROJECT 278 DEPT ATOMIC ENG	EMERITUS.SCNT. DR. A CHOUDHURY PROJECT 280 CSIR
FUNDING AGENCY			
a) Opening Balance of The Funds		9,619.00	1,51,420.69
b) Additions To The Funds :			
1) Donation / Grants			18,00,000.00
2) Income From Investment made on account of Funds			
3) Other Additions			
TOTAL			18,00,000.00
TOTAL (a+b)		9,619.00	19,51,420.69
c) Utilisation / Expenditure objectives of Funds			
i) Capital Expenditure			
- Fixed Assets			
- Books & Journal		18,00,139.00	
- Other			
TOTAL			18,00,139.00
ii) Current Asset			
- Bills			
TOTAL			
iii) Revenue Expenditure			
- Salaries, Wages and			23,871.00
- Travelling & Conveyance			
- Adm. expenses/Overhead			
- Tax Deducted at Source			
- Contingencies			2,230.00
- Tml To Dev. Fund/Int. Receipt			
TOTAL			26,101.00
TOTAL (c)			18,00,139.00
d) Rebal of Unspent Balance	9,619.00		
NET BALANCE AS AT THE YEAR END (a+b-c-d)			1,51,281.69
			-26,101.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	SPEECH SYNTHESIS TECHNOLOGY PROJECT 281 WEBAL MEDIA LTD	ESTIM. OF AGE OF CURRENCY NOTES PROJECT 282 R B I G.O.L	SOFT COMPUTING CHEMOGENOMICS PROJECT 283 SILICOCGENE INF
FUNDING AGENCY			
a) Opening Balance of The Funds	1,00,000.00		76,176.00
b) Additions To The Funds :			
1. Donation / Grants		1,00,000.00	3,10,500.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL			1,00,000.00
TOTAL (a+b)	1,00,000.00		1,76,176.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and		6,000.00	1,45,096.00
- Travelling & Conveyance			
- Admn. expenses/Overhead		10,091.00	51,142.00
- Tax Deducted at Source			
- Contingencies		3,483.00	1,468.00
- Trnfl. To Dev. Fund/Int. Receipts			
TOTAL			19,574.00
TOTAL (c)			19,574.00
d) Refund of Unspent Balance			
NET BALANCE AS AT			
THE YEAR END (a+b-c-d)	1,00,000.00		1,56,602.00
			1,12,794.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3: EARMARKED ENDOWMENT FUNDS	VISUAL CRYPTO. SCHEMES PROJECT 285 DEPT.SPACE GOI.	QUANTUM MARKOV PROCESS PROJECT 286 DST-DAAD	PREDICTION OF GROUND VIBRATION PROJECT 287 CMIR NAGPUR		
(a) Opening Balance of The Funds		2,88,519.00			
(b) Additions To The Funds :					
1. Donation / Grants	10,098.00		3,71,000.00		2,00,000.00
2. Income From Investment made on account of Funds					
3. Other Additions					
TOTAL	10,098.00		3,71,000.00		2,00,000.00
TOTAL (a+b)		2,98,617.00	3,71,000.00		2,00,000.00
(c) Utilisation / Expenditure objectives of Funds					
1. Capital Expenditure					
- Fixed Assets					
- Books & Journal					
- Other					
TOTAL					
2. Current Asset					
- Bills					
TOTAL					
3. Revenue Expenditure					
- Salaries, Wages and	2,58,000.00		5,500.00		
- Traveling & Conveyance	30,189.00		1,06,324.00		
- Admin. expense/Overhead	943.00		12,700.00		
- Tax Deducted at Source					
- Contingencies	8,372.00		9,800.00		
- Transferred to Dev Fund/Inv. Receipts					
TOTAL	2,97,504.00		1,34,324.00		
TOTAL (c)		2,97,504.00	1,34,324.00		
(d) Refund of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)		1,113.00	2,36,676.00		2,00,000.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	TRANSFER OF OCR TECHNOLOGY AGR PROJECT 288 ISI&ERDCI CDAC	UTERINE CANCER- PREVENTION PROJECT 289 DST&NES WB	GENOMIC DIVERS. IN RURAL POP PROJECT 290 C S I R
FUNDING AGENCY			
a) Opening Balance of The Funds	3,00,000.00		76,814.00
b) Additions To The Funds :			
1. Donation / Grants			7,74,000.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL			7,74,000.00
TOTAL (a+b)	3,00,000.00		76,814.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries,Wages and		10,000.00	
- Travelling & Conveyance			23,449.00
- Admn. expenses/Overhead		31,797.00	32,003.00
- Tax Deducted at Source			
- Contingencies		18.00	38.00
- Trnf. To Dev. Fund/Intl. Receipt			
TOTAL			55,490.00
TOTAL (c)			41,815.00
d) Refund of Unspent Balance			
NET BALANCE AS AT THE YEAR END (a+b-c-d)	3,00,000.00		34,999.00
			7,18,510.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	STUDY IN EFFECT OF DYM.MULT.SCT PROJECT 291	ADV. TECH. FOR REMOTE SENSING PROJECT 292	DEV. OF JUTE YARN. QUALITY PROJECT 293
BRIDING AGENCY	D S T G.O.I	D S T G.O.I	I J I R A
a) Opening Balance of The Funds			
b) Additions To The Funds :			
1. Donation / Grants	2,00,000.00	8,00,000.00	3,00,000.00
2. Income From Investment made on account of Funds			
3. Other Additions			
TOTAL	2,00,000.00	8,00,000.00	3,00,000.00
TOTAL (a+b)	2,00,000.00	8,00,000.00	3,00,000.00
c) Deduction / Expenditure objectives of Funds			
1) Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
2) Current Asset			
- Bills			
TOTAL			
3) Revenue Expenditure			
- Salaries, Wages and			
- Travelling & Conveyance			
- Admin. expenses/Overhead	43,140.00		
- Tax Deducted at Source			
- Contingencies			
- Tax To Dev. Fund/Inv. Receipt			
TOTAL	43,140.00		
TOTAL (c)	43,140.00		
d) Retired of Unspent Balance			
NET BALANCE AS AT THE YEAR END (a+b-c-d)	1,56,860.00	8,00,000.00	3,00,000.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	INCIDENCES OF TOBACO-CANCER PROJECT 294 DST.G.O.I	DEPOSITIONAL MOTIFS SATPURA PROJECT 295 DST.G.O.I	RICE BASED CROPPING SYSTEM PROJECT 296 IRRI	
a) Opening Balance of The Funds		51,931.00	1,09,664.00	1,11,734.92
b) Additions To The Funds :				
1. Donation / Grants				
2. Income From Investment made on account of Funds				
3. Other Additions				
TOTAL				
TOTAL. (a+b)		51,931.00	1,09,664.00	1,11,734.92
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				
- Books & Journal				
- Other				
TOTAL				
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries, Wages and				
- Travelling & Conveyance				
- Admn. expenses/Overhead		20,648.00		9,555.00
- Tax Deducted at Source				
- Contingencies		879.00		7,009.00
- Trnsf. To Dev. Fund/Int. Receipt				
TOTAL			21,527.00	16,564.00
TOTAL. (c)			21,527.00	16,564.00
d) Refund of Unspent Balance	51,931.00			
NET BALANCE AS AT THE YEAR END (a+b-c-d)			88,137.00	95,170.92

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- BENCHMARKED ENDOWMENT FUNDS	LARGE AMPLITUDE PLASMA PROJECT 297	BAYESIAN AUTOMATED RBCOG PROJECT 298	UGC REFRESHER COURSE IN STAT. PROJECT 299		
FUNDING AGENCY	CSIR	DEPT.OF SPACE	U G C		
a) Opening Balance of The Funds		80,904.00			24,192.70
b) Additions To The Funds :					
1. Donation / Grants			5,70,000.00		
2. Income From Investment made on account of Funds					
3. Other Additions					
TOTAL			5,70,000.00		
TOTAL (a+b)		80,904.00	5,70,000.00		24,192.70
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets			1,85,700.00		
- Books & Journal					
- Other					
TOTAL			1,85,700.00		
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and			52,903.00		
- Travelling & Conveyance			15,582.00		
- Adm. expenses/Overhead	20,173.00		76,300.00		
- Tax Deducted at Source					
- Contingencies	4,711.00		2,285.00		
- Transf To Dev Fund/Int. Receipt					
TOTAL		24,884.00	1,47,070.00		
TOTAL (c)		24,884.00	3,32,770.00		
d) Refund of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)		56,020.00	2,37,230.00		24,192.70

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3: EARMARKED/ ENDOWMENT FUNDS	NON-COMMUTATIVE MARKOV PROCESS PROJECT 340 IFCPAR	EMPERICAL STUDY ON LABOUR.PROB. PROJECT 342 LABOUR DPT W.B	SINGLE NUCLETD. POLYMORPHISM PROJECT 343 DEP.BIO-TECH	
a) Opening Balance of The Funds		45,365.00	28,111.00	8,56,172.00
b) Additions To The Funds :				
1. Donation / Grants	1,14,516.00			12,84,000.00
2. Income From Investment made on account of Funds				
3. Other Additions				
TOTAL	1,14,516.00			12,84,000.00
TOTAL (a+b)		1,59,881.00	28,111.00	21,40,172.00
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				
- Books & Journal	55,592.00			
- Other				
TOTAL	55,592.00			
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries, Wages and				1,62,700.00
- Travelling & Conveyance	32,770.00			754.00
- Admn. expenses/Overhead	38,142.00	3,740.00		8,19,464.00
- Tax Deducted at Source				
- Contingencies		9,050.00		10,348.00
- Trnf. To Dev Fund/Int. Receipt				
TOTAL	70,912.00		12,790.00	9,93,366.00
TOTAL (c)	1,26,504.00		12,790.00	9,93,366.00
d) Refund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)		33,377.00	15,321.00	11,46,906.00

INDIAN STATISTICAL INSTITUTE:
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	DEV DESIGN AID TOOLS FOR SBP PROJECT 344		CRYPTOGRAPHY LUND UNIVERSITY PROJECT 345		DEV IMPROVED JUTE-TEXT.FIBRE PROJECT 346	
	C A I R		DEP.IT USENIX		C R I & D.L. AG	
FUNDING AGENCY						
a) Opening Balance of The Funds		29,709.00		-30,783.00		4,51,422.00
b) Additions To The Funds						
1 Donation / Grants						
2 Income From Investment made on account of Funds						
3 Other Additions						
TOTAL						
TOTAL (a+b)		29,709.00		-30,783.00		4,51,422.00
c) Utilisation / Expenditure objectives of Funds						
i) Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii) Current Asset						
- Bills						
TOTAL						
iii) Revenue Expenditure						
- Salaries, Wages and						
- Travelling & Conveyance	16,200.00					
- Adm. expenses/Overhead					24,175.00	
- Tax Deducted at Source						
- Contingencies					4,280.00	
- Trnf. To Dev. Fund/Int. Receipt						
TOTAL	16,200.00					28,455.00
TOTAL (c)	16,200.00					28,455.00
d) Reversal of Unspent Balance						
NET BALANCE AS AT						
THE YEAR END (a+b-c-d)		13,509.00		-30,783.00		4,22,967.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE B FORMING PART OF BALANCE SHEET AS AT 31 March, 2004

SCHEDULE B- BARMARKED ENDOWMENT FUNDS	TECTONICSETTING OF ALKALINE.. PROJECT 347 C S I R	NBHM FELLOWSHIP MR.P.MOHANTY PROJECT 348 DEP.ATOMIC ENG.	CRYPTANALYSIS OF COMPLEX LPSR PROJECT 349 MINIS. DEFENCE		
a) Opening Balance of The Funds		13,857.00	1,36,800.00		2,051.00
b) Additions To The Funds :					
1. Donation / Grants	72,773.00		62,400.00	6,00,000.00	
2. Income From Investment made on account of Funds					
3. Other Additions					
TOTAL	72,773.00		62,400.00		6,00,000.00
TOTAL (a+b)		86,630.00		1,99,200.00	6,02,051.00
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets				42,280.00	
- Books & Journal					
- Other					
TOTAL					42,280.00
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and				2,06,900.00	
- Travelling & Conveyance	23,498.00			85,401.00	
- Admn. expenses/Overhead	57,921.00			1,45,450.00	
- Tax Deducted at Source					
- Contingencies	1,695.00			34,916.00	
- Trnf To Dev.Fund/Inr.Receipt					
TOTAL	83,114.00				4,72,667.00
TOTAL (c)	83,114.00				5,14,947.00
d) Refund of Unspent Balance					
NET BALANCE AS AT					
THE YEAR END (a+b-c-d)		3,516.00		1,99,200.00	87,104.00