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Ramachandran, V.K. and Surjit, V. : Nature of Credit Relations in Two Jharkhand Villages, *Financial Liberalization and Rural Credit in India*, Ramachandran, V.K. and Swaminathan, M. (eds.), Tulika Books, New Delhi, 2005.

Swaminathan, M. : Globalization, Food security and Women, *Globalization : Perspective in Women's Studies*, Bhattacharya, M. (ed.), Tulika Books, New Delhi, 2004.

Swaminathan, M. : The Public Distribution System Today : Failure and Successes, *Food Security and Public Distribution System Today : Failures and Successes*, Banerjee, A. (ed.), Kanishka, New Delhi, 2004.

Statistical Quality Control and Operations Research Division

SQC & OR Unit, Delhi

Malik, M. : On complementarity problems over symmetric cones, *Operations Research with Economic and Industrial Applications: Emerging Trends*, Mohan, S.R. and Neogy S.K. (eds.), Anamya Publisher, New Delhi, 189-201, 2005.

Neogy, S.K. and Das, A.K. : Linear Complementarity and two classes of Structured Stochastic games, *Operations Research with Economic and Industrial Applications: Emerging Trends*, Mohan, S.R. and Neogy S.K. (eds.), Anamya Publisher, New Delhi, 156 – 180, 2005.

SQC-OR (T&P) Unit, Kolkata

Pradhan, B and Chakravarty, T.K. : Single Sampling LTPD Plans as Two Stage Stochastic Programming Problem, *Operations Research with Economic and Industrial Applications : Emerging Trends*, Mohan, S.R. and Neogy S.K. (eds.), Anamaya Publishers, N. Delhi, 85-96.

Library, Documentation and Information Sciences Division

Documentation Research and Training Centre (Bangalore)

Edward A. Fox, Hussein, S., Ramesh G and Madalli, Devika (DL) : Design Architecture: An Introduction and Overview. *Book Chapter in Design and Usability of Digital Libraries: Case Studies in the Asia Pacific*, Schubert Foo & Theng (eds.), Idea Publications, USA, February 2005.

Edward A. Fox, Hussein, S., Madalli, Devika and Lilian, Cassell : Book Chapter titled Digital Libraries. *Practical Handbook of Internet Computing*, Chapman and Hallmark/CRC Computer and Information Science Series, Fl, USA, September 2004.

Library, Bangalore

Krishnamurthy, M. : Gateways to electronic media : An overview, *Information management trends and issues*, Ramesh babu et.al (ed.), Research Co. Book Center, New Delhi, 2003.

Part II. VISITING SCIENTISTS, HONOURS, AWARDS AND 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, Suraj, April 2004-March 2005.

Chakraborty, Amab, September 2004-August 2005.

Chakraborty, Partha Sarathi, June-August 2004.

Dutta, Sudipta, July-August 2004.

Ghosal, Subhasis, University of North Carolina, May 10-June 9, 2004.

Ghosh, Y.N., University of Florida, May 31-July 30, 2004.

Ghosh, Anil K., March 2005-July 2005.

Guivarch, Y., University of Rennes, France, February 21-26, 2005.

Holmstrom, Lasse, University of Oulu, Finland, February 21-March 6, 2005.

Keshari, Manoj, HRI, Allahabad, March 15-23, 2005.

Khmaladze, Estate, V., Victoria University of Wellington, January 10-12, 2005.

Mohanty, Parasar, University of Waterloo, September 13-24, 2004.

Mukherjee, Amiya, December, 2003-November, 2005.

Onoda, N., University of Fukui, March 7-28, 2005.

Pandey, Neeta, B.K.C. College, June, 2004-May, 2005.

Rao, T.J., February, 2005-January, 2007.

Roy, Ashoka K., June, 2004-May, 2005.

Roy, Amil, TIFR, September 20-October 6, 2004.

Sengupta, Jyoti, School of Mathematics, TIFR, February 7-26, 2005.

Singh, Tarkeshwar, Delhi College of Engineering, July 2003-June 2004.

Vijayakumar, A., Cochin University of Science and Technology, July-August, 2004.

White, Denis A., University of Toledo, February 11-18, 2005.

Stat-Math Unit, Delhi

Amyari, Maryam, Department of Mathematics, University of Mashhad, Iran, March 6-13, 2005.

Borkar, V.S., Tata Institute of Fundamental Research, Mumbai, March 14-18, 2005.

Chatterjee, Kashinath, Department of Statistics, Vishwa Bharati University, December 27, 2004-January 3, 2005.

Davis, Chandler, University of Toronto, Canada, January 1-15, 2005.

Deshpande, J.V., Department of Statistics, University of Pune, Pune, February 21-26, 2005.

Dharmadhikari, A.D., University of Pune, Pune, May 17-26, 2004.

Dutta, Ganesh, Calcutta University, Kolkata, December 27, 2004-January 3, 2005.

Ghorpade, Sudhir R., Indian Institute of Technology, Mumbai, December 26-29, 2004.

Holbrook, John, University of Guelph Ontario, Canada, March 3-April 4, 2005.

Krishnan, T., Systat Software Asia Pacific Limited, Bangalore, March 21-25, 2005.

Kulathinal, Sangita, Department of Mathematics, Indian Institute of Technology, Kanpur, March 19-27, 2005.

Kumar, Ravinder, Dayalbagh Educational Institute, Agra, December 27-31, 2004.

Maddaly, Krishna, Institute of Mathematical Sciences, Chennai, January 17-21, 2005.

Masuda, Naoki, Laboratory of Mathematical Neuroscience, RIKEN Brain Science Institute, Saitama, Japan, July 3-9, 2004.

Moslehian Mohammad Sal, Department of Mathematics, Ferdowsi University, Iran, March 6-13, 2005.

Nitsure, Nitin, Tata Institute of Fundamental Research, Mumbai, October 25-30, 2004.

Orsingher, Enzo, Department of Statistics, University of Rome, Italy, February 21-March 12, 2005.

Ramakrishna, S., University of Miami, July 28-31, 2005.

Sengupta, Ambar, Department of Mathematics, Louisiana State University, USA, June 7-18, 2004.

Stehlik, Milan, Department of Statistics, Vienna University of Economics, Austria, January 12-27, 2005.

Vanninathan, M., Tata Institute of Fundamental Research, Mumbai, April 1-4, 2004.

Stat-Math Unit, Bangalore

Abhyankar, Shreeram S., Purdue University, January 5-19, 2005.

Ananthanarayan, B., Indian Institute of Science, Bangalore, November 4, 2004.

Ahreja, K.B., Iowa State University, USA, August 5, 2004.

Banerjee, Sudipto, University of Minnesota, USA, July 19, 2004.

Batten, Lynn, Deakin University, Melbourne, December 10-14, 2004.

D'Cruz, Clara, Chennai Mathematical Institute, Chennai, January 31-February 8, 2005.

Das, Bhagwan, Indore University, Indore, one week during January, 2005.

Dattagupta, Sushanta, Satyendra Nath Bose National Centre for Basic Sciences, Kolkata, February 24, 2005.

Johnson, K., University of Georgia, Athens, December 30, 2004.

Kapshe, Sanjeevan, Railway Staff College, Vadodra, March 14-19, 2005.

Khmaladze, Estate V., Victoria University of Wellington, New Zealand, January 28, 2005.

Kodiyalam, Vijay, Institute of Mathematical Sciences, Chennai, May 1, 2004-April 30, 2005.

Koranyi, A., City University of New York, January 8-20, 2005

Krishnapur, Manjunath, University of California, USA, July 15, 2004.

Krotz, Bernhard, University of Oregon, USA, March, 2005.

Kulkarni, Upendra, Truman State University, Kirksville, USA, July 25-27, 2004.

Nanda, Seema, University of Tennessee, USA, October 5-15, 2004.

Narayanan, E.K., Indian Institute of Science, Bangalore, September 16, 2004.

Narasimha, Roddam, Jawaharlar Nehru Centre for Advanced Scientific Research, Bangalore, March 24, 2005.

Narasimhan, M.S., TIFR, Bangalore, January 31-February 21, 2005.

Pisier, G., University of Paris VI and Texas A& M University, December 27-29, 2004.

Raghevan, K.N., Institute of Mathematical Sciences, Chennai, October 4-8, 2004.

Raghubram, A., Iowa State University, USA, July 30-August 13, 2004.

Ramakrishnan, S., University of Miami, USA, July 27-29, 2004.

Raman, Srinivasan, University of Tokyo, Tokyo, July 19-August 13, 2004.

Rao, Eswara, TIFR, Mumbai, October 4-16, 2004.

Ray, Urmie, Centre de Recerca Matemàtica, Spain, October 4-16, 2004.

Ricci, F., Scuola Normale Superiore, January 8-14, 2005.

Sengupta, J., TIFR, Mumbai, June-July, 2004.

Shah, Hemangi M., January-April, 2005.

Shah, Nimish A., TIFR, Mumbai, November 9-10, 2004.

Sinha, Kishore, BIRSA Agricultural University, 2 weeks during September, 2004.

Skalski, Adam, University of Nottingham, December 29, 2004-January 3, 2005.

Sreekantan, Ramesh, University of Toronto, Canada, August 27, 2004.

Srinivas, V., TIFR, Mumbai, January 6, 2005.

Srintharan, S., University of Wyoming, USA, July 30, 2004.

Sundari, M., ICFAI, Hyderabad, 2 weeks during June, 2004.

Sunder, V.S., Institute of Mathematical Sciences, Chennai, January 27, 2005.

Tewari, U.B., IIT, Kanpur, January 16-April 16, 2004.

Upmeyer, H., University of Marburg, December 29-31, 2004.

Ushadevi, A.R., Bangalore University, Bangalore, April 22, 2004.

Vasudeva, R., University of Mysore, Mysore, April 21, 2004.

Verma, Kaushal, Indian Institute of Science, Bangalore, October 20, 2004.

Applied Statistics Division

Applied Statistics Unit

Bagchi, Sunanda, ISI, Bangalore, July 3-5, 2004.

Bhattacharya, Saurabh, Trinity College, Dublin, Ireland, March 25-May 25, 2005.

Chakraborty, Soubhik, T.M. Bhagalpur, Bihar, June-July, 2004.

Gangopadhyay, Aditi, BITS, Pilani, January 1-June 30, 2004.

Ganguly, Bhaswati, November 18, 2004-November 17, 2005.

Gupta, Kishan chand, August 2-December 31, 2004.

Herrera, Carlos Bouza, Havana University, Cuba, Cuba, June 21-August 31, 2004.

Jaikumar, K., University of Calicut, Kerala, February 1-28, 2005.

Mukherjee, Bhramar, Florida University, USA, June-July, 2004.

Sankaram, P.G., Cochin University of Sc. & Technology, May-June, 2004.

Tiwari, Manoj Kr., Jammu University, October 25, 2004-April 30, 2005.

Ugwonwo, Fidelis I., University of Nigeria, Nigeria, January 24-April 23, 2005.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bandyopadhyay, Subir, University of Windsor, Canada, October 1, 2004-February 28, 2005.

Goswami, Partha P., University of Calcutta, February 28-april 25, 2004.

Pach, Janos, Courant Institute of Mathematical Sciences, USA, January 17-20, 2005.

Roop, Partha S., University of Auckland, New Zealand, March 28, 2005.

Sanyal, Sugata, Tata Institute of Fundamental Research, June 25, 2004.

Sen, Anunabha, Arizona State University, USA, December 20-30, 2004.

Electronics and Communication Sciences Unit

Nourmoadé, Rahim, Graduate Student, ENST, Paris, July-December, 2004.

Sharma, Animesh, Infosys Technologies Limited, Bangalore, since September 1, 2005.

Physics and Earth Sciences Division

Geological Studies Unit

Banerjee, D., ETH, Zurich, December 7, 2004.

Chatterjee, Sankar, Texas Tech University, Lubbock, USA, August 9-13, 2004.

Dobmeier, Christoph, Institut für Geologische Wissenschaften, Fachrichtung Geologie, Freie Universität Berlin 12249 Berlin, Germany, November 19-20, 2004.

Rauhat, Oliver, Bayerische Staatssammlung für Paläontologie und Geologie Richard-Wagner-Straße 10, D-80333, München, Germany, February 23-26, 2005.

Physics and Applied Mathematics Unit

Benedetti, P., Department of Physics, CNRS, Pisa, Italy, February 17-18, 2005.

Berröcker, Gustav, Department of Physics, Salzburg University, Austria, October 24-November 7, 2004.

Chakrabarti, A., Department of Mathematics, IISc, Bangalore, February 21-March 11, 2005.

Dalal, D.C., Department of Mathematics, IIT, Guwahati, July 19-30, 2004.

Grandpierre, Antia, Konkoly Observatory of the Hungarian Academy of Science, Budapest, Hungary, November 26, December 9, 2004.

Gruska, Jozef, Masaryk University, Brno, Czech Republic, February 19-22, 2005.

Heintzmann, Rainer, Department of Physics, King's College, London University, United Kingdom, February 13 and 17, 2005.

- Joag, P.S., Department of Physics, University of Pune, May 30-June 12, 2004.
- Joag, Promod, Department of Physics, University of Pune, November 21-December 4, 2004.
- Kandapal, H.C., National Physical Laboratory, New Delhi, April 1-3, 2003.
- Khan, S.K., Department of Mathematics, Gulbarga University, Karnataka, May 6-14, 2004.
- Lipson, S., Department of Physics, Technion, Haifa, Israel, February 13-14, 2005.
- Mukherji, Sudipta, Institute of Physics, Bhubaneswar, January 3-March 4, 2005.
- Ranaka, Hitoshi, Tohoku University, Sendai, Japan, February 28-March 2, 2005.
- Rudraiah, N., Department of Mathematics, Bangalore University, March 1-2, 2005.
- Samsonov, Boris, Department of Mathematical Physics, Tomsk State University, Russia, November 24- December 23, 2004.
- Sisoev, Grigoria M., Department of Mechanics & Mathematics, Moscow State University, Russia, February 10-22, 2005.
- Umut, Ömur, Department of Mathematics, Abant İzzet Baysal University, Turkey, August 21-September 7, 2004.
- Wang, Zhao-Yin, Tsinghua University, Beijing, China, March 6-8, 2005.
- Yasuda, Hidekazu, National Fisheries University, Shimonoeki, Japan, March 6-8, 2005.

Biological Sciences Division

Agricultural Science Unit

Nedbal, Ladislav, Department of Systems Biology, Landscape Ecology AVCR & Inst. Phys. Biology, Czech Republic, February 17-18, 2005.

Human Genetics Unit

Khan, Saleem A., Department of Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, November 3-4, 2004.

Social Sciences Division

Economic Research Unit

Bera, Anil K., Department of Economic, University of Illinois, Urbana Champaign, USA, December 20, 2004-January 17, 2005.

Bose, Amitava, Indian Institute of Management, Kolkata, January 1-February 28, 2005.

Dubey, Amaresh, Department of Economics, North-Eastern Hill University, Shillong, October 19-20, 2004.

Multswami, Suresh, Department of Economics, University of Essex, U.K., February 28-March 4, 2005.

Raut, Lakshmi Kanta, California State University at Fullerton, USA, September 15-29, 2004.

Ray, Subhas Chandra, Department of Economics, University of Connecticut, USA, December 20, 2004-January 19, 2005.

Economic Analysis Unit

Brock, Ellen, Katholieke Universiteit, Leuven, Belgium, September 2004-2006.

Linguistic Research Unit

Mohanty, Panchanan, Centre for Applied Linguistics and Translation Studies, University of Hyderabad, August 26-31, 2004.

Planning Unit

Baland, Jean-Marie, University of Namur, Belgium, June 21-24, 2004, November 29-December 5, 2004.

Beaudry, Paul, The University of British Columbia, December 9-19, 2004.

Chakrabarty, Debajyoti, The University of Sydney, Australia, December 15, 2004-January 20, 2005.

Chatterjee, Shurojit, Instituto Tecnológico Autónomo De México, June 24-July 23, 2004.

Chaudhuri, Manas, Narshinha Dutta College, India, June 17-19, 2004.

Deb, Rahul, IIT, Delhi, June-August, 2004.

Easwaran, Mukesh, University of British Columbia, Canada, December 5-21, 2004.

Kalayama, Seiichi, Research Institute of Economics and Business, Kobe University, Japan, February 19-21, 2005.

Kotwal, Ashok, University of British Columbia, Canada, November 20-December 21, 2004.

Lehrer, Kim, Cote saint Luc, Quebec, Canada, July 1-31, 2004.

Mukherjee, Dilip, Boston University, USA, November 11-December 12, 2004.

Mukhopadhyay, Abhiroop, The Pennsylvania State University, USA, August 15, 2004-January 30, 2005.

Mutswami, Suresh, University of Essex, U.K., March 7-18, 2005.

Pai, Malleesh, IIT, Delhi, June-August, 2004.

Ray, Triidp, Hong Kong University of Science & Technology, Hong Kong, July 1, 2004-June 30, 2005.

Psychology Research Unit

Bernroider, Gustav, University of Salzburg, Austria, November 4, 2004.

Bhattacharya, Somenath, Department of Pure Psychology, University of Calcutta, September 21, 2004.

Dasgupta, Ananda, Indian Institute of Plantation Management, Bangalore, January 13, 2005.

Grandpierre, Attila, Konkoly Observatory of the Hungarian Academy of Sciences, July 12, 2004.

Sharma, Subhash, Indian Institute of Plantation Management, Bangalore, December 30, 2004.

Statistical Quality Control and Operations Research Division

SQC & OR Unit, Chennai

Bandyopadhyay, Sripama, BITS, Pilani, May-June, 2004.

SQC & OR Unit, Coimbatore

Luisia, Maria, European Jewellery Association, August, 2004.

SQC & OR Unit, Delhi

Kabadi, S., University of New Brunswick, Canada, December, 2004.

Narula, Subash C., Richmond Virginia Commonwealth University, Virginia, USA, January, 2005.

SQC & OR Unit, Hyderabad

Malik, S.B., Delhi University, June-July, 2004 and March, 2005.

Murthy, K.G., University of Michigan, USA, January-February, 2005.

Library, Documentation and Information Sciences Division

Documentation Research and Training Centre (DRTC), Bangalore

Asundi, A.Y., Dept. of Lib. & Information Science, Bangalore University, Twice a week for 4-6 months.

Downing, Jim, Cambridge University, UK, March 2-6, 2005.

Egghe, Leo, Limburgs Universitair Centrum, Belgium, December 1-15, 2004.

Kohl, David, F., Emeritus University of Cincinnati, 2929 Courtropes Lane, Cincinnati, OH 45244, USA
September 23-October 12, 2004.

Kumar, Manoj, INFLIBNET, Ahmedabad, March 6-10, 2005.

Paul, Nieuwenhysen, Vrije Universiteit Brussel, Planiaan-2, Belgium, February 28-March 3, 2005.

Rose John B., Dept. of Lib. Science, University of Madras, Chennai, March 7-11, 2005.

9. HONOURS AND AWARDS

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bose, Anup
S. S. Bhatnagar Prize, 2004, CSIR, Govt of India
Young Researcher, 2004, International Indian Statistical Association, USA.

Chaudhuri, Probal
National Award in Statistics in honour of C.R.Rao, 2005, Ministry of Statistics and Programme Implementation, Govt. of India
Fellow of Institute of Mathematical Statistics, USA.

Datta, Mahuya
Associatoe of ICTP, Trieste, Italy.

Purkayastha, Sumitra
Member of Research Area Panel of National Brain Research Centre (Manesar, India), Nominated by the Governing Body of NBRC.

Stat-Math Unit, Delhi

Bapat, R. B
Elected Fellow of the Indian National Science Academy.

Bhatia, R.
Elected Fellow of the Indian National Science Academy.

Dey, Aloke
Elected Fellow of the National Academy of Sciences, India.

Applied Statistics Division

Applied Statistics Unit

Bandyopadhyay, Shibdas
Member of the Technical Committee for Coordination and Improvement of Statistical System in the State of West Bengal
April 2004 – March 2005.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bhattacharya, B.B.
VSNL Chair Professorship at the IIT, Kharagpur, 2005.

Sinha, B.P.
Fellow of the West Bengal Academy of Science and Technology.

Dutta Majumdar, Dwijesh
Life Time Achievement award, Indian National Academy of Engineering.

Pal, Nikhil R.
Fellowship of the IEEE, USA.

Physics and Earth Sciences Division

Geological Studies Unit

Patranabis Deb, Sarbani
BOYSCAST Fellowship, Department of Science and Technology, Govt. of India for Post-Doctoral Research, Indiana University, USA.

Physics and Applied Mathematics Unit

Mandal, B.N.
Fellow of Wessex Institute of Great Britain (FWIGB), Wessex Institute of Technology.

Biological Sciences Division

Biological Anthropology Unit

Sengupta, Mahua
Young Scientist Award in Population Genetics, Indian Society of Human Genetics.

Kumar, V.
5th Human Genome Organisation Pacific and the 6th Asia-Pacific Fellowship Award.

Social Sciences Division

Economic Research Unit

Mazumdar, Krishna
Fellow Award, International Society for Quality of Life Studies (ISQOL).

Sociological Research Unit

Dasgupta, Atis
Member of the Heritage Commission of West Bengal; Member of the Council of the Institute of Development Studies, nominated by the Governor of West Bengal as a member of the State Advisory Committee for the compilation of the West Bengal District Gazetteers, nominated by the Govt. of West Bengal as a member of the West Bengal Advisory Committee on Archaeology.

Ramachandran, V.K.
Member of the State Planning Board, Government of West Bengal; Member of the Council of the Institute of Development Studies; Member of State Planning Board of the Government of Tripura, nominated as Chairman of State Land-use Board, Government of West Bengal.

Swaminathan, Madhura
Member of the Commission on Farmers' Welfare, set up by the Government of Andhra Pradesh.

Statistical Quality Control and Operations Research Division

SQC & OR Unit, Bangalore

Chaudhury, A.K.

Chairman of the process control subcommittee of the Semi-conductor Assembly Council of USA;
Guide for Quality Council of India for training the evaluators for evaluating the consultants for ISO
9001/EMS 14001/OHSAS, etc.

SQC & OR Unit, Hyderabad

Bhimasankaram, P.

Member of the Academic Boards of MCIS, University of Hyderabad and Statistics Department of
Osmania University, Research Council of SHARE (INDIA) foundation (MEDILITI).

SQC & OR Unit, Coimbatore

Rajagopal, A.

Nominated Member in the Governing Body of Chamber of Accreditation Certification System – UK
Chamber of Commerce.

Library, Documentation and Information Sciences Division

Library, Bangalore

Krishnamurthy, M.

Fullbright Fellowship awarded in Information Science and Technology.

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.

Chaudhuri, Probal : Sankhya and Journal of the American Statistical Association.

Stat-Math Unit, Delhi

Bhatia, R. : Linear Algebra and Its Applications; SIAM Journal on Matrix Analysis and Texts and Readings in Mathematics.

Dey, Aloke : Sankhya.

Karandikar, R.L. : Sankhya.

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

Roy, Rahul : Sankhya; Journal of Applied Mathematics and Indian Journal of the History of Science.

Stat-Math Unit, Bangalore

Jeganathan, P. : Econometric Theory.

Rao, T.S.S.R.K. : Journal of Analysis.

Applied Statistics Division

Applied Statistics Unit

Biswas, Atanu : Sequential Analysis.

SenGupta, Ashis : Journal of Indian Society for Probability and Statistics; Journal of Statistics and Applications; Stochastic Modelling and Applications; Journal of Indian Statistical Association and Journal of Calcutta Mathematical Society.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bhattacharya, Bhargab B. : Journal of Circuits, Systems, and Computers and the Journal of Electronic Testing – Theory and Applications (JETTA).

Sur-Koley, S. : The IEEE Proceedings on Computers and Digital Techniques.

Electronics and Communication Sciences Unit

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

Mukherjee, D.P. and Pal, Srimanta : Special Issue of Pattern Recognition Letters

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

Machine Intelligence Unit

Bandyopadhyay, S. : Special Section on Distributed and Mobile Data Mining of IEEE Transactions on Systems, Man and Cybernetics, Part B.

Mitra, S. : Special Issue on Web Mining using Soft Computing of Fuzzy Sets and Systems.

Pal, S.K. : IEEE Trans. on Pattern Analysis and Machine Intelligence; IEEE Trans. Neural Networks (TNN); Pattern Recognition Letters; Int. J. Pattern Recognition and Artificial Intelligence; Fuzzy Sets and Systems; Applied Intelligence; Neuro Computing; Fundamenta Informaticae; Int. Journal Computational Intelligence & Applications; Information Science; LNCS Transaction on Rough Sets-II (Germany); IEEE Transaction on Fuzzy Systems; International Journal of Approximate Reasoning; International Journal of Image and Graphics; ACM International Conference on Intelligent Agent Technology and Applied Intelligence.

Pal, S.K. and Ghosh, A. : Special Issue on Soft Computing in Data Mining of Information Sciences.

Social Sciences Division

Economic Research Unit

Dasgupta, D. : Jadavpur Economic Review.

Planning Unit

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

Population Studies Unit

Bhattacharya, B.N. : Demography India.

Pathak, P. : Indian Journal of Regional Sciences.

SCIENTIFIC ASSIGNMENTS/ACADEMIC VISITS ABROAD

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bandyopadhyay, Pradipta
Caceres, Spain; University of Granada Spain; Universidad Complutense de Madrid, Spain and University of Paris VI
September 13-17, 2004, September 20-24, 2004, September 20-October 7, 2004, October 7-10, 2004 and October 10-16, 2004.

Banua, Rana
Tunxi, China
June 7-10, 2004.

Bose, Arup
National University of Singapore
July 20-24, 2004.

Chaudhuri, Probal
Rutgers University; Pennsylvania State University; University of Chicago; University of Wisconsin-
Madison; Columbia University and National University of Singapore
A few days in each place.

Purkayastha, S
McGill University, Montreal, Canada
August 30-October 29, 2004.

SahaRay, Rita
University of Waterloo, Canada
June 20-July 31, 2004.

Sinha, B.K.
University of Tampere, Finland and Mahidol University, Bangkok
June 2004, January 2005 and October 2004 and February 2005.

Sinha, K.B.
University of Greifswald, Germany; Banach Center, Poland; University of Geneva, Switzerland and
University of Tennessee, Knoxville
June-July, 2004 and October-November, 2004.

Stat-Math Unit, Delhi

Bapat, R.B.
Leader of the Indian team in the International Mathematical Olympiad, Athens, Greece; University of
Lanzhou and Shanghai, China and Technion, Haifa, Israel
July 6-18, 2004, October 6-16, 2004 and January 3-7, 2005.

Bhatia, R.
University of Manchester; University of Lisbon and University of Kerman
June-July, 2004 and December 2004.

Das, Ashish
University of Akron, Akron, USA.
January-May, 2005.

Dewan Isha
Los Alamos National Laboratory, New Mexico
June 20-25, 2004.

Karandikar, R.L.
North Carolina State University, Raleigh, North Carolina
May 15-June 30, 2004.

Kocher, S.C.
Laval University, Quebec, Canada
October 25-November 26, 2004.

Parthasarathy, K.R.
University of Rome II and Politecnico di Milano, Italy
February 16-March 5, 2005.

Roy, Rahul
Laboratoire de Mathematiques Raphael Salem, University de Rouen, France
January 6-23, 2005.

Stat-Math Unit, Bangalore

Ahveya, Siva
University of California, Berkeley; Fields Institute for Research in Mathematical Sciences, Toronto, Canada; Mathematics Institute, Universitat Erlangen, Nuremberg, Germany and ETH, Zurich, Switzerland
January 15-June 15, 2004, August 2-14, 2004, October 25-November 15, 2004 and November 15-28, 2004.

Bhat, B.V. Rajarama
Germany and Poland; Ritsumeikan University, Japan
November 15-28, 2004, June 14-July 2, 2004 and March 9-16, 2005.

Jeganathan, P.
Chinese University of Hong Kong; University of California, Davis, USA; Cowles Foundation for Research in Economics, Yale University, USA; Department of Statistics, University of Vienna, Austria and London School of Economics, United Kingdom
May 16-18, 2004, May 19-20, 2004, May 1-14, 2004, November 15-17, 2004 and November 18-19, 2004.

Raja, C.R.E.
Institute Haute Etudes des Sciences, Paris, France; University d'Angers, France and Universite de Paris VI, France
April 2004, May 1-5, 2004 and May 6-7, 2004.

Rao, T.S.S.R.K.
University of Paris VI; Southern Illinois University and University of Iowa
June 18-July 5, 2004, July 5-August 2, 2004 and January 12-May 15, 2005.

Sastry, N.S. Narasimha
Wayne State University, Detroit, USA
March 29-April 30, 2004.

Sury, B.
University of North Carolina at Greensboro
August-December, 2004.

Applied Statistics Division

Applied Statistics Unit

Bizdas, Atanu
Public University of Navarra, Spain; University of Bochum, Germany; Academia Sinica, Taipei; National University of Singapore and University of Peradeniya, Sri Lanka
May-June, 2004, November-December, 2004 and December 2004.

Chaudhuri, Anjit
University of Cyprus
May 15-July 16, 2004.

SenGupta, Ashis
University of Cantabria, Santander, Spain; University of South Carolina and University of California,
Riverside, USA
June 2004, August 2004 and June-August, 2004.

Sengupta, Debashis
Institute for Mathematical Sciences, National University of Singapore
March 5-13, 2005.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Das, S.
School of Information Sciences, Japan Advanced Institute of Science and Technology
January 21-February 20, 2005.

Dattagupta, J.
Department of Management, Information Systems, San Jose State University, San Jose, USA
September 16-October 14, 2004.

Nandy, S.C.
Department of Computer Sciences, University of Alabama at Tuscaloosa, USA; University of Texas at
Dallas, USA and Courant Inst. of Math. Sciences, New York, USA
December 6-7, 2004, December 8, 2004 and December 9, 2004.

Computer Vision and Pattern Recognition Unit

Bhattacharya, U.
Laboratory of DNA Information Analysis of Human Genome Center, Institute of Medical Science,
University of Tokyo, Japan; Hitachi Central Research Laboratory, Kokubunji, Tokyo, Japan and
Department of Computational Science and Engineering, Nagoya University, Japan
October 25, 2004, October 25-29, 2004 and October 29-30, 2004.

Garain, Utpal
Laboratory PSI, FRE-CNRS 2645, University of Rouen, France
March 15-December 3, 2004.

Pal, U.
University of Florence, Italy; INRIA, Lorraine, Nancy, France; Tokyo University of Agriculture and
Technology, Tokyo, Japan; Hitachi Limited, Tokyo, Japan and Mie University, 1515 Kamihama-cho,
Tsu 514-8507, Japan
September 6-10, 2004, September 11-30, 2004, October 25, 2004, October 26-29, 2004 and
November 1-December 4, 2004.

Electronics and Communication Sciences Unit

Pal, N.R.
IEEE ADCOM meeting, Budapest, Hungary and University of West Florida, Pensacola, USA
July 24-30, 2004 and April 1-May 7, 2004.

Machine Intelligence Unit

Bandyopadhyay, S.
University of Maryland Baltimore County, USA
June-July, 2004.

Ghosh, A.
Hannan University, Osaka, Japan
September-October, 2004 and February-April, 2005.

Kundu, M.K.
University of Cambridge, U.K.
August 19-31, 2004.

Mitra, S.
Meiji University, Kawasaki, Japan and University of Alberta, Edmonton, Canada
May-June, 2004 and October-November, 2004.

Pal, S.K.
Logistical Engineering University, Chongqing, China; University of Warsaw, Poland; US Naval Research Lab, Washington, DC; LNK Corporation, Maryland; University of Pennsylvania Medical Center, Philadelphia, PA; Center for Automation Research, University of Maryland, College Park; Computer Science and Engineering Department, Michigan State University, East Lansing; Computer Science Department, Georgia Tech, Atlanta; Electronics Warfare Division, Naval Research Lab; Institute of Computing Technology Chinese Academy of Sciences, Beijing, China; The Indian WIC Center; University of Trento, Trento, Italy; Hong Kong Baptist University, Hong Kong; Hong Kong Poly University, Hong Kong; Director, Web Intelligence Consortium (WIC), India Centre; Member, Advisory Board, IEEE (USA) Distinguished Visitor Program for the Asia Pacific Region; Member, Project Evaluation Committee, Hong Kong Research Council, Hong Kong and Program Chairs, IEEE-ACM, Int. Conf. on Web Intelligence and Intelligent Agent Technology, Beijing, China.
May, 28-30, 2004, June 7-9, 2004, June 20-August 20, 2004, July 5, 26 and 30, 2004, August 6, 10, and 18, 2004, September 20-24, 2004, October 24-30, 2004, December 5-10, 2004 and March 20-26, 2005.

Physics and Earth Sciences Division

Physics and Applied Mathematics Unit

Dandapat, B.S.
University of Trier, Germany
September 6-30, 2004.

Das, P.K.
Belavista in Levico Terme (Trento, Italy) and Volterra Centre, Rome, Italy
February 10-27, 2005.

Ghosh, S.
Abdus Salam International Centre for Theoretical Physics, Italy; University of Milan-Bicocca, INFN di Firenze, Florence and University of Rome (La Sapienza), Italy.
September 13-November 6, 2004.

Roy, P.
Universite Pierre et Marie Curie, Paris, France
January 8-February 22, 2005.

Raychoudhury, R.
University Libre de Bruxelles, Belgium and University of Trier, Germany
May 10-June 3, 2004.

Biological Sciences Division

Agricultural Science Unit

Banik P.
International Rice Research Institute, Bangkok
October 5-9, 2004.

Chattopadhyay, J.
Department of Mathematics, Shahjalal University of Science and Technology, Syhlet, Bangladesh
January 4-7, 2005.

Ghose, M.
Centre for Horticulture and Plant Sciences and University of Western Sydney, Australia
July 19-August 1, 2004.

Goswami, A.
Brown University, USA
October 2004-March 2005.

Biological Anthropology Unit

Mukhopadhyay, B.
University of Philippines
April 7-13, 2004.

Human Genetics Unit

Majumder, P.P.
INSERM, Paris; Yale University, USA and Beijing Genomics Institute, China
April 22-23, 2004, June 26-27, 2004 and October 28-30, 2004.

Social Sciences Division

Economic Research Unit

Chakravarty, S.R.
Bar-Ilan University, Israel
June 7-22, 2004.

Coondoo, D.
University of Tasmania, Hobart, Australia and Department of Economics, National University of Singapore, Singapore
October 15-November 27, 2004 and November 28-29, 2004.

Dasgupta, D.
Department of Economics, Kobe University, Japan
September-December, 2004.

Ghosh, B.
Institute of Developing Economies, Tokyo, Japan; University of Kyoto, Japan and Institute of Developing Economies, Chiba, Japan
December 1, 2003-June 4, 2004, May 2004.

Kabiraj, T.
Cornell University, USA; State University of New York at Albany, USA; University of Birmingham, UK and University of Nottingham, UK
May 7-9, 2004, May 10-14, 2004, May 17-19 and May 20-22, 2004.

Majumder, A.
Wageningen University, The Netherlands
June 6-13, 2004.

Mazumdar, K.
University of Pennsylvania (USA)
November 9-17, 2004.

Mitra, M.
University of Bonn, Germany and Belgium
July 8-10, 2004 and July 12-24, 2004.

Mukherjee, D.
Cornell University, USA
May 4-12, 2004.

Sarkar, A.
Cornell University, USA; University of Rochester, USA and Boston University, USA
May 7-10, 2004, May 11, 2004 and May 13-20, 2004.

Sinha, U.B.
Department of Economics, Dakar, Senegal
January 24-26, 2005.

Linguistic Research Unit

Choudhry, A.
Thammar University, Republic of Yemen
April-July, 2004.

Planning Unit

Ghale, C.
The German Institute of Economic Research (DIW), Berlin, Germany; Cornell University, NY, USA;
European Economy Group, Madrid, Spain and Making Peace Work, WIDER, Helsinki, Finland.
May 3-July 1, 2004, May 2004 and June 2004.

Ramaswami, B.
Dept. of Economics, University of British Columbia
May-August, 2004.

Sen, A.
Economics Institute, University of Osaka, Japan
One week in August 2004.

somanathan, E.
Columbia University, New York and University of Michigan, Ann Arbor
April 1-19, 2004, October 8, 2004, December 22, 2004-March 31, 2005.

Psychology Research Unit

Ghosh, A.
Shaazai Normal University, Mi'an, China and Beijing International Convention Centre and School of
Psychology, Beijing Normal University, Beijing, China
August 2-6, 2004, August 7-16, 2004.

Sociological Research Unit

Ramachandran, V.K.
Ethiopian Economic Association, Addis Ababa, CODESRIA and International Development Economics
Associates (IDEAs)
December 12-18, 2004.

Swaminathan, M.
University of Philippines, Manila
September 27-October 1, 2004.

Statistical Quality Control and Operations Research Division

SQC & OR Unit, Bangalore

Chaudhuri, A.K.
Philips Semiconductors, Thailand; Philips Semiconductors, Germany; Philips
Semiconductors, Philippines and Semi-Conductor Assembly Council.
September 6-10, 2004, November 1-5, 2004, November 22-27, 2004 and June 1-3, 2004.

Chaudhuri, A.K., Perumallu, P.K., Chowdhury, A.R., Ray, S., and Gijo, E.V.
Iran Khodro Company, Iran
September 2004-March 2005.

Chaudhuri, A.K., Acharya, U.H., Gijo, E.V. and Rao, T.S.
Supplying Automotive Parts Company, Iran
October 2004-March 2005.

Perumallu, P.K.
Philips Semiconductors, Thailand and Philips Semiconductors, Taiwan
September 6-10, May 31-June 4, 2004.

SQC & OR Unit, Coimbatore

Rajagopal, A.
Middle East countries
One week.

Library, Documentation and Information Sciences Division

Documentation Research and Training Centre, Bangalore

Prasad, A.R.D.
Various German Institutes and Libraries
January, 11-February 9, 2005.

Library (Bangalore)

Krishnamurthy, M.
University of Sheffield, U.K. and University of Illinois, Urbana Champaign, USA
January 9, 2004 and June 22, 2004.

SCIENTIFIC ASSIGNMENTS/ACADEMIC VISITS IN INDIA

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bandyopadhyay, Pradipta
Visva Bharati, Saniniketan and Sardar Patel University, Vallabh Vidyanagar, Gujarat
February 24-25, 2005 and March 14-16, 2005.

Bose Arup
IIT, Guwahati
March 21-25, 2005.

Purkayastha, S.
Guest Lecturer in the Dept. of Biophysics, Molecular Biology and Genetics, Calcutta University.

Rao, S.B.
Cochin University of Science and Technology, Cochin; Anulmigu Kailasalingam College of Engineering, Anand Nagar, Krishnankoil, Tamil Nadu and Amrita Vishwa Vidyapeetham, Coimbalore, Tamil Nadu
February 7-11, 2005, November 25-29, 2004 and December 9-11, 2004.

Roy, Ashok K.
Osmania University, Hyderabad
March 10-12, 2005.

Stat-Math Unit, Delhi

Bapat, R.B.
Indian Institute of Technology, Guwahati
December 8-17, 2004.

Roy, Rahul
Indian School of Business, Hyderabad
April 20-23, 2004.

Stat-Math Unit, Bangalore

Athreya, Siva
Indian Academy of Sciences, Orange Country, Coorg, Kamataka
December 1-5, 2005.

Bhat, B.V. Rajarama
University of Madras
March 3-5, 2004.

Rajeev, B.
Indian Academy of Sciences, Coorg and Cochin University
November 29-December 3, 2004 and January 2005.

Rao, T.S.S.R.K.
Cochin University of Science and Technology
November 15-19, 2004.

Applied Statistics Division

Applied Statistics Unit

Adhikary, Arun Kumar
Ministry of Defence Research and Development Organisation, Government of India, Chandipur,
Balasore
February 8-11, 2005.

Biswas, Atanu
IIT Kanpur, Benaras Hindu University and Lakshmi Bai National Institute of Physical Education, Gwalior
January and March, 2005.

SenGupta, Ashis
Kalyani University, Kalyani; IIIT, Warangal; University of Lucknow; Indian School of Business,
Hyderabad; Shivaji University, Kolhapur; National Institute of Oceanography, Goa; DRDO, Chandigarh;
Chairman, Reliability Section; Burdwan University, International Indian Statistical Association and
Forum for Interdisciplinary Mathematics
May 14, 2004, December, 2004, December 28, 2004, December 29, 2004 - January 1, 2005, January
1-4, 2005, January 4-5, 2005 and February 10-11, 2005.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bhattacharya, B.B.
Texas Instruments, Intel Corporation and IISc., Bangalore, VDAT, Mysore, IIT Madras and Benaras
Hindu University
July-August, 2004.

Das, N.
The 6th International Workshop on Distributed Computing, Kolkata
December 27-30, 2004.

Das, S.
The 6th International Workshop on Distributed Computing, Kolkata
December 27-30, 2004.

Dattagupta, J.
1st International Conference on Mobile Ad hoc and Sensor Systems (MASS 2004), Florida, USA
July 2004.

Mukhopadhyay, K
The 6th International Workshop on Distributed Computing, Kolkata and the International Workshop of
Wireless Networks and Mobile Computing, Tezpur, Assam
December 27-30, 2004 and August 2004.

Sinha, B.P.
The 6th International Workshop on Distributed Computing, Kolkata and International Workshop of
Wireless Networks and Mobile Computing, Tezpur, Assam
December 27-30, 2004 and August 2004.

Sur-Kolay, S.
The 16th International Conference on VLSI Design and the 4th International Conference on Embedded Systems, Kolkata and Dept. of Computer Science and Engineering, IIT, Delhi
January 3-7, 2005 and October 20, 2004.

Computer Vision and Pattern Recognition Unit

Bhattacharya, U.
Indian Institute of Information Technology, Allahabad
March 19, 2005.

Mitra, M.
Google India R&D Centre, Bangalore and IIT, Kanpur
October 13-14, 2004 and November 4-13, 2004.

Pal, U.
University of Hyderabad, Hyderabad
December 19-22, 2004.

Electronics and Communication Sciences Unit

Mukherjee, D.P.
National Institute of Technology, Rourkela
November 16-17, 2004 and December 4, 2004.

Pal, S.
The 11th International Conference on Neural Information Processing, ICONIP 2004, Kolkata
November 22-25, 2004.

Machine Intelligence Unit

Bandyopadhyay, S.
Thiagarajar College of Engineering, Madurai and Institute of Mathematical Sciences, Chennai
December 24, 2004 and December 27, 2004.

Ghosh, A.
Ulkal University, Bhubaneswar
Second week of November 2004

Kundu, Malay K.
Srinivas Ramanujan Centre, SASTRA Deemed University, Kumbakonam, Tamil Nadu; CCAC, Kolkata; CII at the ITC Sonar Bangla Hotel, Kolkata; GE Research Lab, India at the GE John F. Welch Technology Center, Bangalore
December 20-21, 2004, October 11, 2004, September 14, 2004, July 11-12, 2004.

Mitra, S.
Jadavpur University and Indian School of Mines, Dhanbad
April 2, 2004 and August 20, 2004

Murthy, C. A.
University of Hyderabad
December 30, 2004 to January 5, 2005

Pal, S.K.
S.N. Bose Centre, Kolkata; Jamia Millia Islamia University, New Delhi; Parivesh Bhawan; University of Hyderabad; CDAC, Kolkata; Jadavpur University and Tripura University Agartala; Chairman, Project Review and Steering Group (PRSG) for the Project "Development of Isolating Tools for Steganographic Images" CDAC, MIT, Govt. of India; Chairman, Project Review and Steering Group (PRSG) for the Project "Setting up of National Resource Centre on Steganography" CDAC, MIT, Govt.

of India; Chairman, Information Technology (IT) Academic Council, Govt. of West Bengal; Chairman, Syllabus Committee, CLTP (Computer Literacy Training Program), Govt. of West Bengal; Member, DST-PAC, Electrical Engineering, Electronics Engineering and Computer Science, Govt. of India. November 5, 2004, November 17, 2004, November 24, 2004, December 30, 2004-January 5, 2005, October 11, 2004, April 2, 2004 and January 3-7, 2005.

Physics and Earth Sciences Division

Geological Studies Unit

Saha, D.
Geological Survey of India, Nagpur.
October 26-27, 2004.

Physics and Applied Mathematics Unit

Mandal, B.N.
Indian Institute of Science, Bangalore
June 15-July 2, 2004.

Mazumder, B.S.
JNCSTAR, Indian Institute of Science, Bangalore and Indian Institute of Technology, Guwahati
December 12-18, 2004 and March 3-6, 2005.

Roy, S.
Optical Radiation Standards, National Physical Laboratory, New Delhi
October 23-25, 2004.

Biological Sciences Division

Agricultural Science Unit

Chattopadhyay, J.
Department of Applied Mathematics, University of Calcutta, Kolkata and Indian Institute of Technology, Roorkee
February 16, 2005 and March 11-13, 2005.

Biological Anthropology Unit

Gupta, R.
NEHU, Shillong and Guwahati University, Guwahati
April 2004 and October 11-12, 2004.

Social Sciences Division

Economic Research Unit

Ghosh, B.
Confederation of Indian Industries (CII) and Japan Foundation, Banaras; Eastern Regional Council of ICWAI at Asansol and CII, Infrastructure Development Corporation of India and Govt. of Rajasthan
February 18-22, 2005, March 12-13, 2005 and March 19-22, 2005.

Kabiraj, T.
St. Anthony's College, Shillong
October 6-7, 2004.

Sarkar, A.
Delhi School of Economics, Delhi
December 29-30, 2004.

Linguistic Research Unit

Dattamajumdar, S.
Central Institute of Indian Languages, Mysore
June 3-6, 2004.

Population Studies Unit

Bhattacharya, B.N.
Department of Statistics, Banaras Hindu University, Varanasi; Institute of Research in Medical Statistics (IRMS), Indian Council of Medical Research (ICMR), New Delhi; National Institute of Health and Family Welfare, Government of India, New Delhi; International Institute for Population Sciences (IIPS) of IIPS, Mumbai; Institute of Research in Medical Sciences (RMS), Indian Council of Medical Research (ICMR), New Delhi; National Institute of Epidemiology, Chennai and Department of Statistics, Jammu University, Jammu.
May 3, 2004, May 13, 2004, July 9, 2004, September 2, 2004, October 27, 2004, January 17-19, 2005, January 25, 2005, January 29, 2005, February 4, 2005 and February 28-March 3, 2005.

Majumdar, P.K.
Department of Statistics, T.M. Bhagalpur University, Bhagalpur; Department of Sociology, Jadavpur University, Kolkata and Department of Statistics, Manipur University, Canchipur, Imphal.
July 6-7, 2004, September 22, 2004 and February 9-10, 2005.

Mukhopadhyay, B.K.
Bihar Mathematical Society and Department of Mathematics, T.M. Bhagalpur University, Bhagalpur
March 12-13, 2005.

Pathak, P.
Department of Statistics, University of Calcutta & Calcutta Statistical Association, Kolkata; Indian Institute of Chemical Biology, Kolkata and Institute of Reproductive Medicine, Kolkata
December 23-24, 2004 and February 4-5, 2005.

Saha, A.K.
Institute of Engineering and Technology, Lucknow in Collaboration with University of South Alabama, USA
December, 2004.

Psychology Research Unit

Dutta Roy, D.
Department of Business Administration, Annamalai University, Chennai; Research in Academy of Staff College, Pondicherry University; Central Board of Workers Education, Kolkata; STEP-ONE, a model school for Child Education and Training Institute of the Haldia Dock Complex
January 7, 2005, January 10, 2005, January 29, 2005, February 17, 2005 and February 23-24, 2005.

Ghosh, Anjali
Department of Psychology, Utkal University, Bhubaneswar; L.N. Mithila University, Darbhanga; Asiatic Society, Kolkata; Ramkrishna Mission Lokshiksha Parishad, Motgoda North-East India Council of Social Science Research, Shillong; Department of Psychology, Magadh University and Indian Academy of Applied Psychology
April 2004, June 22, 2004, September 15, 2004, December 13-14, 2004 and March 7-9, 2005.

Gupta, R.

North Bengal University, Jalpaiguri; Cooch Behar College, Cooch Behar and Department of Psychology, Magadh University, Bodhgaya
September 27-29, 2004, December 11-12, 2004 and March 7-9, 2005.

Karmakar, R.

Department of Psychology, Magadh University
March 7-9, 2005.

Sharma, M.

Department of Psychology, Magadh University
March 7-9, 2005.

Statistical Quality Control and Operations Research Division

SQC & OR Unit, Hyderabad

Bhimasankaram, P.
Indian School of Business, Hyderabad

Murthy, G.S.R. and Murthy, A.L.N.
ITC-PSPD, Bhadrachalam

Murthy, S.V.S.N.
Nagarjuna University.

Subhani, S.M.
Nuclear Fuel Complex, Hyderabad

SQC-OR (T & P) Unit, Kolkata

Chakraborty, A.K.
Ishapore Iron and Steel Factory and Systat Software Asia Pacific Ltd.
November 2, 2004, December 13-17, 2004 and February 7-11, 2005.

Majumdar, S.K.
DRDO, Balasore
February 27-28, 2005.

Library, Documentation and Information Sciences Division

Documentation Research and Training Centre, Bangalore

Madalli, Devika P.
Pune University; IGIDR, Mumbai; PES College of Engineering, Mandya; Siddaganga Inst. Technology, Tumkur; Govt. College of Technology, Coimbatore; Osmania University, Hyderabad; Central Secretariat Library, New Delhi; BITS Pilani; Aligarh Muslim University, Aligarh; IGIDR, Mumbai and Dept. of Lib. & Inf. Sci., Andhra University, Visakhapatnam.
April 16, 2004, May 6-7, 2004, July 5, 2004, August 25, 2004, September 6, 2004, September 28-30, 2004, November 1-5, 2004, November 9, 2004-December 3, 2004, December 6-10, 2004, December 27-31, 2004 and January 27-28, 2005.

Prasad, A.R.D.
IGIDR, Mumbai; INSA, New Delhi; Dept. of Lib. & Inf. Science, Osmania University; Dept. of Lib. & Inf. Science, Pune University, Pune; Govt. College of Technology, Coimbatore; BIT, Mesra, Ranchi

Central Secretariat Library, New Delhi; BITS Pilani; Dept. of Lib. & Inf. Science, Aligarh Muslim University, Aligarh; IGIDR, Mumbai and IASLIC, Mumbai.
May 5-7, 2004, May 13-14, 2004, June 28-July 2, 2004, July 29-30, 2004, September 6, 2004, September 29-October 1, 2004, November 1-5, 2004, November 9-December 3, 2004, December 6-10, 2004, December 27-31, 2004 and December 27-31, 2004.

Rao, I.K. Ravichandra
Siddhanga Inst. of Technology, Tumkur
August 23, 2004.

Library (Kolkata)

Pat, Jitendra K.
University of Mysore
April 5-7, 2004.

Library (Bangalore)

Krishnamurthy, M.
Karnatak Library Association and Canara Bank School of Management, Bangalore University,
Bangalore
September 7, 2004 and December 3-4, 2004.

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	10.	Personnel Unit
2.	Internal Audit Unit	11.	Public Relations Unit
3.	CE (A&F)'s Office	12.	Publication and Printing Unit
4.	Council Section	13.	Binding Unit
5.	Director's Office	14.	Central Office
6.	Engineering Unit	15.	Central Stores
7.	Electrical Maintenance Unit	16.	Security Unit
8.	Estate Office	17.	Telephone Unit
9.	Medical Welfare and Reimbursement Units	18.	Transport Unit
		19.	Guest House

Apart from the Units mentioned above, there are some small cells dealing with Budget, Import, Travel, 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.

Staff of the Institute

Members of the Institute administration during the year were :

<i>Director</i>	:	K.B. Sinha
<i>Professors-in-Charge of Scientific Divisions</i>	:	A.B. Faha (Theoretical Statistics & Mathematics) T. Samanta (Applied Statistics) A. Majumder (Social Sciences) H.P. Mazumdar (Physics & Earth Sciences) J. Chattopadhyay (Biological Sciences) M.K. Kundu (Computer & Communication Sciences) P. Bhimasankaram (Head, SQC & OR)
<i>Dean of Studies</i>	:	G.M. Saha (upto 17.09.2004) S.K. Majumdar (from 18.09.2004)
<i>Head, Delhi Centre</i>	:	Aloke Day (upto 6 September 2004, Forfeited) R.L. Karandikar (from 6 September 2004)

Head, Bangalore Centre : I.K. Revichandra Rao
 Chief Administrative Officer : D. Bhattacharyya (from 01.04.2004 to 31.10.2004)
 A.K. Biswas (from 01.11.2004 to 31.03.2005)

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

Appointments

Scientific/Technical Workers

Sl. No.	Name	Sl. No.	Name
1.	Gopal K. Basak	4.	Abhiroop Mukhopadhyay
2.	Krishanu Maulik	5.	Samarjit Das
3.	Manesh Thakur	6.	Swagata Nandi

Non-Scientific Workers

Sl. No.	Name	Sl. No.	Name
1.	Junghare Khushal Chindhuji	6.	Ranjit Kumar
2.	Sukumar Maity	7.	Md. Shahzad
3.	Dibyendu Chatterjee	8.	Phoolzadi Khatoon
4.	Somana Devi	9.	Md. Shamsul Hoda
5.	Sanjib Dey		

Retirement/Voluntary Retirement

Scientific/Technical Workers

Sl. No.	Name	Sl. No.	Name
1.	N.T.V. Ranga Rao	9.	Prafulla Roy
2.	S.C. Chakraborty	10.	C.S. Pillai
3.	Swapan Kumar Das	11.	T.P. Tripathi
4.	Sk. Sultan Ali	12.	C.H. Sastry
5.	Asha Das	13.	K.M. Date
6.	B.L.S. Prakasa Rao	14.	T.J. Rao
7.	Dipak Kumar Bagchi	15.	Alladi Silaram
8.	Subir Kumar Mitra		

Non-Scientific Workers

Sl. No.	Name	Sl. No.	Name
1.	Minketan Bisoye	13.	Sumita Sen
2.	Harish Ch. Prasad	14.	Shyamali Ganguly
3.	Palan Chandra Mandal	15.	Sandhya Roy
4.	Jagannath Samal'dar	16.	Moni Mohan Das
5.	Lakshmi	17.	Santanu Sengupta
6.	Bidyut Kumar Roy	18.	Ashim Kr. Ghosh
7.	Nirapada Lodh	19.	Kumares Ch. Majumder
8.	Uma Dey	20.	Ashalata Roy
9.	Jhania Oran	21.	Sudip Chakraborty
10.	Samsurnisa	22.	Montu Kabasi
11.	Samarendra Kar	23.	Indradeo Ram
12.	Nagappa	24.	Gouri Mukherjee

Resignation/Termination**Scientific/Technical Workers**

Sl. No.	Name	Sl. No.	Name
1.	Rohini Somanathan	3.	Jyotshana Prajapat
2.	Krishna Kumar	4.	S.V.S.N. Murthy

Non-Scientific Workers

Sl. No.	Name	Sl. No.	Name
1.	Arindam Mukherjee	2.	Debyoti Bhattacharyya

Death**Non-Scientific Workers**

Sl. No.	Name	Sl. No.	Name
1.	V. Govinda Giri	4.	Balam Singh Bist
2.	K. Desikachari	5.	Lakshmi Kanta Sahu
3.	Becharam Samanta	6.	Ramu Behara

Number of workers in the Institute as on 31 March 2005 :

(i)	Scientific and Technical Workers	-	464
(ii)	Non-Scientific Workers	-	906
	Total		1370

Budget and Finance

For the year 2004-2005 the Institute's budget was estimated to be Rs.4390.70 lakhs and Rs.1504.00 lakhs towards Non-Plan and Plan respectively at the BE stage. The Government, after considering the report of the Section 8(1) Committee, approved a sum of Rs.3939.00 lakhs including internal receipts and Rs.1504.00 lakhs for Non-Plan and Plan expenditure respectively. At the revised estimate stage, the Institute sought for a grant of Rs.4407.36 lakhs and Rs.1504.00 lakhs in Non-Plan and Plan estimates respectively. The Government approved a sum of Rs.4139.00 lakhs including the unutilized amount of Rs.111.00 lakhs during the financial year 2003-2004 on Non-Plan and the Plan RE allocation was fixed at Rs.1505.00 lakhs including the unutilized amount of Rs.251.00 lakhs during the financial year 2003-2004. 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 2004-2005 have been furnished in Part IV of this report.

Construction and Maintenance works

The following major activities were undertaken by the Institute during 2004-2005.

Kolkata**Academic Building Phase-1**

The construction of Academic Building Phase-1 along with interior works was completed during October 2004. The building has already been occupied by various units including Director's Office.

An amount of Rs.193.82 lakhs has been paid to various agencies in this financial year and the total cost of construction including consultancy charges is Rs.513.80 lakhs.

Boys' & Girls' Hostels

The construction of the Boys' and Girls' hostels were completed during July 2004 and the hostels were handed over to Hostel authority for occupation.

An amount of Rs.88.53 lakhs has been paid in this financial year for this work. Total cost of construction including consultancy charges is Rs.530.28 lakhs.

'D' Type Quarter

The construction of the 'D' Type Quarter was completed during November 2003 and the Institute allotted the flats to the eligible workers.

An amount of Rs.0.30 lakhs has been paid in this financial year and the total cost of construction is Rs.51.72 lakhs.

Boundary Wall

The construction of boundary wall for 203-206 B.T. Road campus along with GLT Road is completed.

An amount of Rs.2.86 lakhs has been paid in this financial year and the total cost of construction is Rs.23.40 lakhs.

Underground Pedestrian Subway

The construction of the underground Pedestrian Subway between 204 and 205 B.T. Road is completed and many workers, students and guests of the Institute are using the subway since October 2004.

An amount of Rs.15.53 lakhs has been paid towards the construction in this financial year and the total cost of construction including consultancy charge is Rs.47.11 lakhs.

Renovation work at Amrapali Building

The renovation work of Amrapali Building Phase-I was completed during July 2004. The Institute has taken up the renovation of the building under Phase-II during February 2005 and the work is completed in all respects.

An amount of Rs.7.18 lakhs has been spent towards the renovation of Amrapali Building under Phase-I for which the total cost of renovation is Rs.11.42 lakhs including consultancy charges. Total amount of Rs.9.67 lakhs has been paid towards the renovation of Amrapali Building Phase-II including consultancy charges.

Civil work for the renovation of Power Distribution System at 202 B.T. Road (Electrical Substation)

The civil work for the renovation of electrical power distribution system at 202 B.T. Road (Electrical Substation) is under progress.

An amount of Rs.3.09 lakhs has been paid towards the civil work in this financial year.

Parking Shed cum Record Room

The Institute has taken up the work of construction of Parking Shed cum Record Room at the place where the demolished Sudhir Bhavan was situated. The agency M/s. Super Construction Co., has already mobilised the material and manpower. The work is progressing well and is expected to be complete by the end of October 2005.

An amount of Rs.4.42 lakhs has been paid to the agency in this financial year.

Delhi

Land and Construction

Following construction related activities/repairing/renovation work were undertaken :

1. Repair, renovation and furnishing of Guest House
2. Repair, renovation of faculty block, etc.
3. Roof treatment of Library
4. Laying pipeline for rainwater harvesting
5. Air conditioning of faculty block.

Bangalore

During the financial year 2004-2005, following civil works were carried out at the Centre :

1. Gymnasium building (work completed)
2. Repair works of the B type Staff quarters (work completed)
3. First floor of the Guest House building (work is going on)

Society Type Activities

Membership : April 2004 – March 2005

- 1) During the period 209 persons became Ordinary Members of the Institute.
- 2) 38 Ordinary Members became Life Members of the Institute.

The membership position as on 31 March 2005 is as follows :

Ordinary Members	-	1277
Life Members	-	626
Institutional Members	-	5
Total	-	<u>1908</u>

Finance Committee Meetings : The Finance Committee met four times, on 4 April 2004, 16 August 2004, 14 September 2004 and 6 October 2004 during the period under report. Besides the decisions taken on various financial matters, the committee recommended RE 2004-05/BE 2005-06 (Non-Plan) and RE 2004-05 (Plan) in its meeting held on 16 August 2004 and BE 2005-06 (Plan) in its meeting held on 14 September 2004. The Annual Report including Audited Statement of Accounts for the year 2003-04 was considered and recommended in its meeting held on 6 October 2004.

Council Meetings : During the period under report, the Council met six times to take decisions on various matters of the Institute. The Budget Proposals of the Institute both for Plan and Non-Plan (RE 2004-05/BE for 2005-06) were considered in the meetings of the Council held on 17 August and 15 September 2004, as recommended by the Finance Committee in its meetings held on 16 August and

14 September 2004. The recommendations of the Third Review Committee were also considered by the Council in its meetings held on 5 April 2004 and 15 September 2004. The Annual Report including the Audited Statement of Accounts for the year 2003-04 was considered and approved by the Council in its meetings held on 7 October 2004 and 29 October 2004.

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 Meetings : During the period under report, the General Body of the Institute met twice. The result of the election of the office bearers of the Governing Body of the Institute was declared in its meeting held on 16 September 2004. The Annual Report of the Institute for the year 2003-04 and Audited Statement of Accounts for the year 2003-04 together with the Auditor's comments and replies of the Administration thereto were adopted in the meeting of the General Body on 1 November 2004.

12. LIST OF MEMBERS

(Academic Council and Other Committees as on March 31, 2005)

Academic Council

K.B. Sinha, Director (Chairman)

S.K. Majumder, Dean of Studies (Convenor)

Theoretical Statistics and Mathematics Division

B.V. Rao, P. Jeganathan, B.V. Rajarama Bhat, K. Sikdar, Sunanda Bagchi, V. Pati, Alok Goswami, Rana Barua, Mohana Delampady, B. Rajeev, A.B. Raha, Ashis Das, Rahul Roy, Abhay Gopal Bhat, Prabal Choudhuri, Arup Bose, Subhash Ch. Kochar, P.I. Muthuramalingam, Gopal K. Basak, Debapriya Sengupta, Kalyan Kr. Mukherjee, T.S.S.R.K. Rao, R.B. Bapat, K. Ramamurthy, Tapas Kumar Chandra, Gadadhar Misra, Alok Dey, N.S. Narasimha Sastry, G.M. Saha, S.M. Srivastava, S. Thangavelu, S. Ramasubramanian, H. Sarbadhikari, Ratan Dasgupta, Rajendra Bhalia, R.L. Karandikar, B.K. Sinha, A.R. Rao, S.B. Rao, Bhaskar Bagchi, Sornesh Chandra Bagchi, Smaraj Bose, Debasish Goswami.

Applied Statistics Division

Pabitra Pal Choudhury, Bimal Kr. Roy, Mausumi Bose, K.S. Vijayan, Anup Dewanji, Debasis Sengupta, Ashis SenGupta, Ayanendranath Basu, Shibdas Bandyopadhyay, Tapas Samanta.

Social Sciences Division

N.S.S. Narayana, Tarun Kabiraj, Amila Majumder, Abhirup Sarkar, Dipankar Coondoo, Manabendu Chattopadhyay, Pradip Maiti, Satya Ranjan Chakravarty, Manash Ranjan Gupta, Monoranjan Pal, Dipankar Dasgupta, Nityananda Sarkar, Tandra Rao, Biswanath Bhattacharya, Prasanta Kr. Majumdar, Arunava Sen, Bharat Ramaswami, Prabal Roy Chowdhury, Sanghamitra Das, Satya P. Das, V.K. Ramachandran, Madhura Swaminathan, Atis Kumar Dasgupta.

Biological Sciences Division

Monoranjan Ghosh, Sunanda Chanda, Ranjan Gupta, P.P. Majumder.

Physics and Earth Sciences Division

Chandan Chakraborty, Dilip Saha, Samarendra Bhattacharya, Raj Kumar Roy Choudhury, Pinaki Roy, Himadri Pai Mazumdar, Birendra Nath Mandal, Sisir Roy, Subrata Bhattacharya, B.S. Dandapat, Bijoy Shingha Mazumder.

Computer and Communication Sciences Division

Bhargab Bikram Bhattacharya, Nabanita Das, Subhas Chandra Nandy, Bhabani Prosad Sinha, Jayasree Datta Gupta, Bidyut Baran Chowdhuri, Swapan Kr. Parui, Arun Kumar De, Kumar Sankar Roy, Jyotirmay Das, Bhabatosh Chanda, Nikhil Ranjan Pal, Sankar Kumar Pal, Sushmita Mitra, Malay Kr. Kundu, C.A. Murthy.

Statistical Quality Control and Operations Research Division

P.K. Perumallu, U. Haridas Acharya, Ashim Roy Chowdhury, Kalyan Kumar Chowdhury, Arun Kumar Chaudhuri, Anup Majumdar, S. Sengupta, Amitava Bandyopadhyay, Dipak Kr. Manna, Arvind Saha &

Majumdar, Samir Kr. Neogy, P.R. Lakshminathan, S.S. Handa, S.R. Mohan, P. Bhimasankaram, B. Mohan Reddy, G.S.R. Murthy, S.K. Majumdar.

Library, Documentation and Information Sciences Division

I.K. Ravichandra Rao.

Computer and Statistical Service Centre (CSSC)

Subhas Ch. Kundu, Aditya Bagchi, Debashis Roy, Armitava Datta.

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), A.R. Rao, R.K. Roychoudhuri, S.M. Srivastava, Dilip Saha, Sandip Mitra, P. Bhimasankaram, Head, Delhi Centre, Head, Bangalore Centre, Chief Administrative Officer, S.S. Panja (Non-Member Secretary).

B. Editorial Committee

Editors (Sankhya) :

Anup Bose, Aloka Dey, R.L. Karandikar

Technical Editor :

Debasis Sengupta

Co-Editors (Sankhya) :

Barry Arnold, Krishna B. Athreya, G.J. Babu, Z.D. Bai, Sanjib Basu, Arijit Chaudhuri, Ming-Hui Chen, Anirban DasGupta, Somnath Datta, Holger Dette, Subhashis Ghosal, Xuming He, M.C. Jones, Keith Knight, Subhash Kochar, Soumendranath Lahiri, Wei Liem Loh, Dibyen Majumdar, S.R. Mohan, Rahul Mukherjee, S. Ramakrishnan, R.V. Ramamoorthi, S. Ramasubramanian, Rahul Roy, Debasis Sengupta, Jun Shao, Kesar Singh, Winfried Stute, David Tyler, Yehuda Vardi, Qiwei Yao, Bin Yu.

Advisory Members :

Somash Das Gupta, G. Kallianpur, K.R. Parthasarathy, C.R. Rao, S.R.S. Varadhan.

C. Works Advisory Committees

Kolkata

D.K. Bose (Chairman), A.B. Raha (Vice-Chairman), Sukalyan Sengupta, H.P. Majumdar, Prabir Chattoraj, Sandip Mitra, External Expert (Civil), External Expert (Electrical), External Expert (Architect), S.S. Panja, Chief Administrative Officer, In-Charge, Electrical Unit, M.V. Ramaswamy, In-Charge, Engineering Unit (Member-Convener).

Delhi

T.S. Ratnam (Chairman), N. Nagarajan, Chief Engineer (E), CPWD, Rajinder Kalia, Supdt. Engineer (C), CPWD, Head, Delhi Centre, Aloke Day, Arunava Sen, Arvind Sethi, S.S. Sethi (Member-Convenor).

Bangalore

T. Krishnan (Chairman), M.K. Prapulla Chandra, Retd. H.O.D., Deptt. of Civil Engg., Bangalore. T.J. Ramamurthy, Principal, B.N.M. Institute of Technology, Bangalore, Chief Engineer (C&B) [or his nominee] Govt. of Karnataka, Head, Bangalore Centre, Head, DRTC, Head, Stat-Math Unit, Head, Economic Analysis Unit, Head, SQC & OR Unit, P.K. Unnikrishnan (Member-Convenor).

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

Director (Chairman), Dean of Studies, Arup Bose, Sanghamitra Das, S.R. Chakraborty, N.S.N. Sastri, B.B. Bhattacharya, N.R. Pal, A. Dey, P.P. Majumder, Tapas Samanta, A. Goswami (Member-Convenor).

E. Policy Planning and Evaluation Committee (PPEC)

Chairman of ISI or his nominee (Chairman), Director (Vice-Chairman), Government Representative, Government Representative, N. Mukunda, P.M. Bhargava, Annoottam Ghosh, S.K. Acharya, J.K. Ghosh, Head, Delhi Centre, Sankar K. Pal (Member-Convenor).

F. Technical Advisory Committees of different Divisions

Theoretical Statistics and Mathematics Division

Director (Chairman), A.P. Gore, Rahul Mukherjee, P. Sankaran, Shobha Madan, A.B. Raha, Professor-in-Charge (Convenor).

Applied Statistics Division

Director (Chairman), A.P. Gore, Ambuj Mahanti, A.K. Yogi, S.P. Mukherjee, T. Samanta, Professor-in-Charge (Convenor).

Computer and Communication Sciences Division

Director (Chairman), P.P. Chakrabarti, A.K. Majumdar, B. Yegnanarayana, Pushpak Bhattacharya, B.L. Desikhatulu, M.K. Kundu, Professor-in-Charge (Convenor).

Physics and Earth Sciences Division

Director (Chairman), V.D. Sharma, Amitabh Roy Choudhuri, S. Ramaswamy, R.N. Singh, H.P. Majumdar, Professor-in-Charge (Convenor).

Biological Sciences Division

Director (Chairman), V. Nanjundiah, V. Rajendra Prasad, H.Y. Mohan Ram, S.L. Malik, Sudhir Krishna, J. Chattopadhyay, Professor-in-Charge (Convenor).

Social Sciences Division

Director (Chairman), Banun De, Ramprasad Sengupta, T.J. Kamalanabhan, Ramakant Agrahnik, Tarun Kumar Roy, Amita Majumdar, Professor-in-Charge (Convenor).

Statistical Quality Control and Operations Research Division

Director (Chairman), M.R. Rao, S.B. Ganguly, J. Saha, B.K. Pal, P. Bhimasankaram, Head, SQC & OR Division (Convener).

Library, Documentation and Information Sciences Division

Director (Chairman), Swati Bhattacharya, Prabir Roychowdhuri, Chairman, Library Committee (Convener).

INDIAN STATISTICAL INSTITUTE

SEVENTY THIRD ANNUAL REPORT 2004 – 2005

Statement of Accounts and Auditors' Report for the year
2004 – 2005

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AUDITOR'S REPORT

We have audited the attached Balance Sheet of Indian Statistical Institute, 203 B.T. Road, Kolkata – 700 108 as at 31st March 2005 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.

1. 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 overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

2. 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:-

A. Fixed Assets

- i. Physical verification of fixed assets in respect of HO is in progress and verification of fixed assets of other Centers / Branches, assets of other funds including assets of externally funded projects and PPU have not been carried out since long. Obsolete, unserviceable and damaged items have not been ascertained. We noted that in most of the units, fixed assets registers have not been maintained properly so as to reconcile them with the financial statement of the Institute.
- ii. Insurance of fixed assets has not been made except in the cases of vehicle;
- iii. The Institute have been capitalizing Capital work – in – progress, advance payment against materials brought to site, purchase of capital goods, payment of running bills for construction contract and have been charging depreciation thereof irrespective of date of put to use and / or completion which is not as per accounting standards and principles;
- iv. Depreciation on fixed assets has been charged on straight – line method as per rates prescribed under Income Tax Act, which is contrary to the guidelines of Accounting Standard 6 issued by the Institute of Chartered Accountants of India.
- v. Depreciation on assets acquired till 31st March 1986 as appended in schedule 8A have not been provided in the accounts.
- vi. Depreciation for the year amounting to Rs.7,26,33,563.48 have not been debited to the year's Income & Expenditure Account, which is appropriated to the General Reserve Account and is contrary to normal accounting Practices.

- vii. Fixed Assets including (Schedule 8) a computer system value of which is Rs.7.00 Lakhs (approx) stolen in 1992 - 93 for which no recovery could be made and no provision has been made in the accounts.
- viii. Accounts of PPU(Kolkata), have been merged with ISI General Accounts during the year 2002 - 2003. As reported to us net assets of PPU for Rs.18,37,564.66 have been classified under respective groups under schedule 8 and depreciation has been charged accordingly since 2002 - 2003. In absence of individual items details, the residual value of the fully depreciated assets has not been ascertained.
- ix. Sale or disposal of assets amount to Rs.8,43,910.00 including earlier year's Rs.49,920.00 have credited to "Disposal of Assets" and have not adjusted against the cost of the assets and accumulated depreciation thereof which is not in adherence to the Accounting Policies (Schedule 24).

B. Loans & Advance.

- i. TA advance under Loans & Advance (Schedule - 11) include Rs.1,85,797.00, old debit balance, Rs.5,20,314.70 as credit balance out of which Rs.1,72,657.00 pertaining to earlier years pending adjustment / recovery. The old debit balances and credit balance needs to scrutinize for early adjustment / recovery thereof.
- ii. Advance party under Schedule 11, includes Rs.29,09,388.58 paid to erstwhile Statistical Publishing Society as advance, which has not been adjusted against the value of the assets & others taken over from the PPU (erstwhile Statistical Publishing Society). The said value is to be written off in view of non-existence of PPU (erstwhile Statistical Publishing Society). Advance parties also include Rs.4,29,910.57 to outside parties paid during earlier years and is lying unadjusted / unrecovered since long for which no provision has been made in the accounts.
- iii. Advance (Staff & Others) under Schedule 11, includes Rs.2,44,112.32 as advance to staff for expenses, which are un-recovered since long and are doubtful of recovery and requires to be written off.
- iv. Schedule 11 includes advance to Staff for TA and for other purposes shows debit and credit balances as under:

Nature of advance	Debit	Credit
TA Advance	Rs.18,08,802.37	Rs.5,20,314.70
Advance - Staff & others	Rs.15,26,164.65	Rs.3,56,597.87
Advance Parties	Rs.13,85,912.57	Rs.65,128.99

- v. It is observed that advance against various expenses are not adjusted within a reasonable time and as a result expenses in some cases are not adjusted in the year of occurrence.

C. Current Liabilities

- i. Schedule 7, for current liabilities and provisions shows other current liabilities Rs. 4,81,61,800.52 includes outstanding liabilities for goods and services of Rs. 3,47,26,905.50 was not separately disclosed in point A.2.
- ii. Subsidiary records in respect of library deposit, laboratory, Hostel caution money deposit, earnest money deposit , security deposit have not been properly maintained for each center / branch wise so as to reconcile them with the General Ledger of the Institute.

D. Others

- i. Service Tax – The Institute has not taken credit of service tax paid under various services received against the Service Tax deposited (Rs.10,52,970.00) on account of service provided to various agencies and consequently service tax paid in excess to the extent of Service Tax credit available. The amount of service tax credit available could not be quantified in absence of adequate records.
- ii. Schedule 7, Current Liabilities include disposal of assets amounting to Rs.8,43,910.00 has not been adjusted against the value of fixed assets and consequential effect on surplus or deficit on sale of assets could not be quantified.
- iii. The Institute does not have any system of maintenance of inventories in case of stores, materials including laboratory stores, stationery items etc. the values of purchases have been charged in the year of purchase. In absence of any record of inventories, effect on the State of Affairs of the Institute on the value of inventories could not be assessed.
- iv. The Institute has only accounted for the cash receipts from Guest House, as Miscellaneous receipts and has not accounted the receipts, expenditure, for the year and receivables, cash in hand at the year end and consequently Receipts and Expenditure Account of ISI do not reflect Receipts on account sale and services (Boarding Bills) of Rs. 10,33,832.00 and total expenditure of Rs.8,73,042.26. Similarly the Balance Sheet of ISI do not reflect Receivables from various Parties amounting to Rs. 2,18,117.00 and Cash in Hand amounting to Rs.41,134.01. It is also noted from the Cash book of the ISI Guest House, Kolkata, that the Guest House is frequently and continuously holding much excess cash balance than their normal requirement.
- v. In case of house building advance to staff, we observed that in a large number of cases, neither the registered mortgaged was created in favour of the Institute nor the title deed of the financed unit is obtained which is ultra vires to the terms of sanction of HBL.
- vi. Considering the size and nature of the activities of Institute, frequency of Internal Audit as well as its coverage needed to be enlarged particularly in respect of Head Quarter Accounts, Provident Fund and Centers.

Further to our comments as above, 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.

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 Notes on Accounts (Schedule 25) and subject to our observation as herein stated above 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 2005,

(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

(SUBHASIS NANDI)

Partner

(Membership No.58698)

date: 6th September 2005

Place: Kolkata

INDIAN STATISTICAL INSTITUTE
BALANCE SHEET AS AT 31/03/2005

(Amount in Rupees)

PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS/CAPITAL FUND AND LIABILITIES			
CORPUS/CAPITAL FUND	1	1,59,15,290.93	3,11,77,746.52
RESERVES AND SURPLUS / GENERAL RESERVE	2	29,86,35,094.39	27,35,36,901.89
EARMARKED/ENDOWMENT FUNDS	3	20,88,78,308.12	17,27,84,421.15
SECURED LOANS AND BORROWINGS	4		
UNSECURED LOANS AND BORROWINGS	5		
DEFERRED CREDIT LIABILITIES	6		
CURRENT LIABILITIES AND PROVISIONS	7	4,84,56,064.52	5,99,45,415.42
PLAN & POLICY RESH. UNIT(DELHI)		4,19,16,479.87	4,06,26,550.87
LIABILITIES FOR FIXED ASSETS OF EXT. AIDED FUND		99,90,096.00	
TOTAL		62,37,91,333.83	57,80,71,035.85
ASSETS			
FIXED ASSETS	8	29,40,53,709.54	26,89,55,517.04
INVESTMENTS / NET ASSETS - FROM EARMARKED/ENDOWMENT FUNDS	9	11,59,41,000.00	10,13,71,000.00
INVESTMENTS - OTHERS	10		
CURRENT ASSETS, LOANS, ADVANCES ETC	11	16,18,90,048.42	16,71,17,967.94
PLAN & POLICY RESH. UNIT(DELHI)		4,19,16,479.87	4,06,26,550.87
FIXED ASSETS OF EXT. AIDED FUND (CONTRA)		99,90,096.00	
TOTAL		62,37,91,333.83	57,80,71,035.85
SIGNIFICANT ACCOUNTING POLICIES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

S.S. PANJA
By: Chief Executive(F)

S.K. JOARDAR
Sr. Accounts Officer

D.C. PAL
Chief Executive(A&F)

S.K. PAL
Director

107B, Sarai Bose Road
Kolkata - 700 029.

For Mitra Ghosh & Ray
Chartered Accountants
(Subhasis Nandi)

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

Partner

INDIAN STATISTICAL INSTITUTE
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31/03/2005 (Amount in Rupees)

PARTICULARS	SCHEDULE	CURRENT YEAR		PREVIOUS YEAR	
		PLAN REVENUE	NONPLAN REVENUE	PLAN REVENUE	NONPLAN REVENUE
INCOME					
Internal Receipts	12		1,85,88,981.41		1,85,97,322.89
Grants / Subsidies	13	8,38,00,000.00	41,39,00,000.00	7,28,84,000.00	40,13,69,000.00
Fees / Subscriptions	14				
Income From Investments (Income on Investments earmarked/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 works-in-progress					
TOTAL (A)		8,38,00,000.00	43,24,88,981.41	7,28,84,000.00	41,99,66,322.89
EXPENDITURE					
Establishment Expenses	20	87,72,651.00	38,16,62,330.74	78,95,689.00	34,35,49,675.20
Other Administrative Expenses etc	21	5,97,12,885.44	4,92,19,381.09	5,09,71,396.00	6,52,73,326.96
Expenditure on Grants, Subsidies etc	22				
Interest	23				
TOTAL (B)		6,84,85,536.44	43,08,81,711.83	5,88,67,085.00	40,88,23,002.16
BALANCE BEING SURPLUS/(DEFICIT) (A - B)					
CARRIED TO C/P/PLUS/CAPITAL		1,53,14,463.56	16,07,269.58	1,40,16,915.00	1,11,43,320.73
SIGNIFICANT ACCOUNTING POLICIES	24				
CONTINGENT LIABILITIES AND NOTES ON	25				

S.S. PANJA
Dy. Chief Executive(F)

S.K. JOARDAR
Sr. Accounts Officer

D.C. PAL
Chief Executive(A&F)

S.K. PAL
Director

182/B, Sarai Bose Road,
Kolkata - 700 029.

For Mitra Ghosh & Ray
Chartered Accountant
(Subhasis Nandi)
Partner

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

INDIAN STATISTICAL INSTITUTE
SCHEDULE I FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
SCHEDULE I - CORPUS / CAPITAL FUND		
1 Opening Balance of Plan Capital Grant	1,15,74,150.92	2,32,28,944.46
1.1 Less: Recovered during the year	1,11,00,450.00	2,27,55,243.54
1.2 ADD: Capital Expenditure Grant received from of India during the year	6,67,00,000.00	8,50,16,000.00
1.3 Less: Assets acquired during the year	6,26,23,503.00	7,39,15,550.00
Sub Total Of 1	45,50,197.92	1,15,74,150.92
2 Opening Balance of Excess of Receipts over Expenditure in respect of Plan Revenue Grant	1,45,31,921.50	3,02,32,945.20
2.1 Less: Recovered during the year	1,40,16,915.00	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	1,53,14,463.56	1,40,16,915.00
2.3 Closing Balance of Excess of Receipts Over Expenditure in respect of Plan Revenue Grant	1,58,29,470.06	1,45,31,921.50
3 Opening Balance of Excess of Receipts over Expenditure in respect of Non Plan Revenue Grant	1,16,30,415.83	3,28,05,302.20
3.1 Less: Recovered During the Year	1,11,43,320.73	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	16,07,269.58	1,11,43,320.73
3.3 Closing Balance of Excess of Receipts Over Expenditure in respect of Non Plan Revenue Grant	20,94,364.68	1,16,30,415.83
4 Opening Balance of Excess of Expenditure over Receipts in respect of Non Plan Revenue Grant	56,86,358.96	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	56,86,358.96
5 Opening Balance of Excess of Expenditure over Receipts in respect of Plan Revenue Grant	8,72,382.77	8,72,382.77

INDIAN STATISTICAL INSTITUTE
 SCHEDULE B FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR	
5.1 Less: Adjusted During the Year				
5.2 Closing Balance of Excess of Expenditure over Receipts in respect of Plan Revenue Grant		8,72,382.77		8,72,382.77
TOTAL (1 + 2 + 3) -- (4 + 5)		1,59,15,290.93		3,11,77,746.53

S. S. PANJA	S.K. JOARDAR	D.C. Pal	S.K. Pal
(Dy. Chief Executive (F))	(Sr. Accounts Officer)	(Chief Executive A&F)	(Director)

182/B, Sarai Bose Road,
Kolkata - 700 029.

For Mitra Ghosh & Ray
Chartered Accountants
(Subhasis Nandi)
Partner

INDIAN STATISTICAL INSTITUTE
SCHEDULE 2 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

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	27,35,36,901.89	81,98,74,333.77
(A.1) ADD: Capitalization of Fixed Assets during the year	6,26,23,503.00	7,39,15,550.00
(A.2) ADD: Capitalization of 95% cost of Books & Journals during the year	3,51,75,560.00	4,05,55,300.00
SUB TOTAL (A + A.1 + A.2)	37,13,35,964.89	93,43,45,183.77
(B) LESS: Depreciation during the year as per Schedule - 8	7,27,00,389.08	66,08,07,800.46
(C) Amount written-off on Fixed Asset during the year as per Schedule - 8	481.42	481.42
SUB TOTAL (B + C)	7,27,00,870.50	66,08,08,281.88
TOTAL A - (B + C)	29,86,35,094.39	27,35,36,901.89

S. S. PANJA

S.K. JOARDAR

D.C. Pal

S.K. Pal

(Dy. Chief Executive (F))

(Sr. Accounts Officer)

(Chief Executive A&F)

(Director)

132/B, Sarai Bose Road,
Kolkata - 700 029.

For: Mitra Ghosh & Ray
Chartered Accountants
(Subhasis Nandi)
Pinner

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3: EARMARKED ENDOWMENT FUNDS	HYPER GRACEFUL GRAPHS PROJECT 201	STEGANOGRAPHIC SCHEMES FOR SAT PROJECT 202	DEVELOPIN AUDIT SAMPLING TOOL PROJECT 203	FUNDING AGENCY	D.S.T.	DEPT. OF SPACE	GOVT. OF W.B.
a) Opening Balance of The Funds			88,476.00				43,481.00
b) Additions To The Funds :							
1. Donation / Grants	2,98,000.00	2,70,200.00					
2. Income From Investment made on account of Funds							
3. Other Admits /Serv. Charges							
TOTAL	2,98,000.00		2,70,200.00				
TOTAL (a+b)		2,98,000.00		3,58,676.00			43,481.00
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	44,032.00	2,76,968.00					
- Travelling & Conveyance							
- Admn. expenses/Consumables	589.00					620.00	
- Tax Deducted at Source							
- Contingencies	405.00	4,587.00				5,036.00	
- Share Of Overhead	44,000.00	35,234.00					
- Trnf To Dev Fund/Int. Receipt							
TOTAL		89,026.00		2,66,789.00			5,654.00
TOTAL (c)		89,026.00		2,66,789.00			5,654.00
d) Refund of Unspent Balance							37,825.00
NET BALANCE AS AT THE YEAR END (a+b-c-d)		2,08,974.00		91,887.00			

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- BARMARKED ENDOWMENT FUNDS	DEV OF DESIGN AID/TOOL FOR PY PROJECT 204 CAIR, DRDO (BL)	EVAL.WORK SRC. PATNA PROJECT 205 MIN OF HRD.GOI	BOYCAST FELLOW DR.S.PATRANOBIS PROJECT 206 D.S.T, G.O.I.
FUNDING AGENCY			
a) Opening Balance of The Funds			
b) Additions To The Funds :			
1. Donation / Grants	2,48,000.00	75,000.00	4,73,000.00
2. Income From Investments made on account of Funds			
3. Other Addit./Serv. Charges			
TOTAL	2,48,000.00	75,000.00	4,73,000.00
TOTAL (a+b)	2,48,000.00	75,000.00	4,73,000.00
c) Utilization / 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	18,935.00		
- Adm. expenses/Consumables			
- Tax Deducted at Source			
- Contingencies	15.00	1,192.00	
- Share Of Overhead	32,340.00		
- Trnf To Dev.Fund/Int.Recept			
TOTAL	51,290.00	1,192.00	
TOTAL (c)	51,290.00	1,192.00	
d) Refund of Unspent Balance			
NET BALANCE AS AT THE YEAR END (a+b-c-d)	1,96,710.00	73,808.00	4,73,000.00

INDIAN STATISTICAL INSTITUTE

SCHEDULE B 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2008

SCHEDULE 3: EARMARKED/ ENDOWMENT FUNDS	DESIGN AID/FUND FOR SELECTION PROJECT 207 C.A.I.R. (BL)	HUMAN GENOMIC DIVERSITY, WASIA PROJECT 208 M.S.T. D.B.T.	DEV OF INDOGENS BLOCK ETC PROJECT 209 DEPT. OF SPACE	
a) Opening Balance of The Funds		1,27,415.00	4,00,004.00	-18,227.00
b) Additions To The Funds :				
1. Donation / Grants				4,27,000.00
2. Income From Investment made on account of Funds				
3. Other Addns./Serv. Charges				
TOTAL				4,27,000.00
TOTAL (a+b)		1,27,415.00	4,00,004.00	4,08,773.00
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				
- Books & Journal	37,112.00			
- Other				
TOTAL		37,112.00		
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries, Wages and		2,64,000.00	3,15,644.00	
- Travelling & Conveyance	6,322.00		34,642.00	
- Adm. expenses/Consumables	6,863.00		341.00	
- Tax Deducted at Source				11,310.00
- Contingencies	59,400.00			55,680.00
- Share Of Overhead				
- Trnf. To Dev. Fund/Int. Receipt				
TOTAL		72,585.00	2,64,000.00	4,17,617.00
TOTAL (c)		1,09,697.00	2,64,000.00	4,17,617.00
d) Refund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)		17,718.00	1,36,004.00	-8,844.00

INDIAN STATISTICAL INSTITUTE

SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	HOMOGENOUS OPERATORS PROJECT 211 D.S.T.,N.DELHI		NBHM BOOK GRANT BANGALOR PROJECT 212 NBHM.DEP.ATOM	OBOMETRIC INVARIANT FOR PROJECT 214 DEPT.SC & TBCH	
FUNDING AGENCY					
a) Opening Balance of The Funds				7,545.81	-12,740.00
b) Additions To The Funds					
1) Donation / Grants			4,71,959.00		12,740.00
2) Income From Investment made on account of Funds					
3) Other Addns./Serv. Charges					
TOTAL				4,71,959.00	12,740.00
TOTAL (a+b)				4,79,504.81	
c) Utilisation / Expenditure objectives of Funds					
i) Capital Expenditure					
- Fixed Assets					
- Books & Journal			4,71,906.00		
- Other					
TOTAL				4,71,906.00	
ii) Current Asset					
- Bills					
TOTAL					
iii) Revenue Expenditure					
- Salaries, Wages and	77,078.00				
- Travelling & Conveyance					
- Adm. expenses/Consumables					
- Tax Deducted at Source					
- Contingencies					
- Share Of Overhead					
- Trans To Dev.Fund/Inv.Receipt					
TOTAL	77,078.00				
TOTAL (c)	77,078.00			4,71,906.00	
d) Reversal of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)		-77,078.00		7,598.81	

INDIAN STATISTICAL INSTITUTE
SCHEDULE B FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- BARMARKED/ ENDOWMENT FUNDS	BANACH ALGEBRA TECHNIQUES AND PROJECT 216 DST, G.O.I.	FINANCIAL RESER SWARNJAYTI FELL. PROJECT 217 DST.G.O.I.	NURTURE CONTACT PROGRAMME OF DAE PROJECT 219 DAE,B'LORE
FUNDING AGENCY			
a) Opening Balance of The Funds	56,708.00		3,10,756.00
b) Additions To The Funds :			
1. Donation / Grants		3,70,000.00	
2. Income From Investment made on account of Funds			
3. Other Adm./Serv. Charges			
TOTAL			3,70,000.00
TOTAL (a+b)	56,708.00		6,80,756.00
c) Utilisation / Expenditure			
objectives of Funds			
i. Capital Expenditure			
- Fixed Assets		1,80,765.00	
- Books & Journal			
- Other			
TOTAL			1,80,765.00
ii. Current Asset			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries, Wages and		1,20,000.00	
- Travelling & Conveyance		17,780.00	
- Adm. expenses/Consumables		9,000.00	
- Tax Deducted at Source			
- Contingencies			
- Share Of Overhead		77,548.00	
- Trnf. To Dev-Fund/Inl. Receipt			
TOTAL			2,24,328.00
TOTAL (c)			4,05,093.00
d) Refund of Unspent Balance	56,708.00		94,205.00
NET BALANCE AS AT			
THE YEAR END (a+b-c-d)			2,75,663.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3: EARMARKED/ ENDOWMENT FUNDS	SOFT COMPUTING FOR MEDICAL IMA PROJECT 220 IN S A		NBHM BOOKGRANT PROJECT 223 NBHM.DAE G.O.I.		SHARING CAP. IN LOCALISATION PROJECT 224 ASIATT & SC	
	PENDING AGENCY					
(i) Opening Balance of The Funds		30.00		-97,410.11		28,048.91
(ii) Additions To The Funds :						
1 Donations / Grants	49,970.00		18,89,918.00			
2 Income From Investment made on account of Funds						
3 Other Addns./Serv. Charges						
TOTAL	49,970.00		18,89,918.00			
TOTAL (a+b)		50,000.00		17,92,507.89		28,048.91
(i) Utilisation / Expenditure of the Funds						
Capital Expenditure						
- Fixed Assets	20,800.00					
- Books & Journal			18,01,015.00			
- Other						
TOTAL		20,800.00		18,01,015.00		
Current Assets						
- Bills						
TOTAL						
Revenue Expenditure						
- Salaries/Wages and						
- Travelling & Conveyance	7,745.00					
- Admns. expenses/Consumables	13,636.00					
- Tax Deducted at Source						
- Contingencies	1,219.00					
- Share Of Overhead	5,000.00					
- Transf. To Dev. Fund/Intl. Receipts						
TOTAL		27,600.00				
TOTAL (c)		48,400.00		18,01,015.00		
(ii) Refund of Unspent Balance						28,048.91
NET BALANCE AS AT THE YEAR END (a+b-c-d)		1,600.00		-8,507.11		

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- BARMARKED/ ENDOWMENT FUNDS	RESEARCH & DEV. CRYPTO.PROTOCOL PROJECT 225 D.I.T. G.O.I.		STATUS OF WOMEN IN WEST BENGAL PROJECT 226 W.B COMM.WOMEN		PHYSICAL GROWTH BODY COMP. PROJECT 227 N.H.F. NETHERLA	
FUNDING AGENCY						
a) Opening Balance of The Funds		8,59,283.00		1,001.00		
b) Additions To The Funds :						
1. Donation / Grants	7,56,728.00				15,36,509.00	
2. Income From Investments made on account of Funds						
3. Other Admits./Serv. Charges						
TOTAL		7,56,728.00				15,36,509.00
TOTAL (a+b)		16,16,011.00		1,001.00		15,36,509.00
c) Utilisation / Expenditure objectives of Funds						
i. Capital Expenditure						
- Fixed Assets					5,60,845.00	
- Books & Journal						
- Other						
TOTAL						5,60,845.00
ii. Current Asset						
- Bills						
TOTAL						
iii. Revenue Expenditure						
- Salaries, Wages and	4,22,467.00				9,000.00	
- Travelling & Conveyance	5,20,744.00					
- Adm. expenses/Consumables	32,957.00				15,079.00	
- Tax Deducted at Source						
- Contingencies	1,12,930.00				41,484.00	
- Share Of Overhead	1,13,100.00				2,30,476.00	
- Trnf.To Dev.Fund/Intl.Receipt						
TOTAL		12,02,198.00				2,96,039.00
TOTAL (c)		12,02,198.00				8,56,884.00
d) Refund of Unspent Balance						
NET BALANCE AS AT THE YEAR END (a+b-c-d)		4,13,813.00		1,001.00		6,79,625.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3: EARMARKED ENDOWMENT FUNDS	GENETIC PREDISPOSITION TO ANTI TUBERC. PROJECT 228 I C M R	EFFECTS OF ALU INSERTION PROJECT 229 I C M R	DEVELOPMENT OF VER. PORT.SOFT. PROJECT 230 C S I R .NMITLI	
a) Opening Balance of The Funds:		2,82,934.00	5,30,236.00	5,44,246.00
b) Additions To The Funds :				
1) Donation / Grants	9,703.00			
2) Income From Investment made on account of Funds				
3) Other Addns /Serv. Charges				
TOTAL	9,703.00			
TOTAL (a+b)		2,92,637.00	5,30,236.00	5,44,246.00
c) Disburse / Expenditure objectives of Funds				
1) Capital Expenditure				
- Fixed Assets			2,88,249.00	
- Books & Journal				
- Other				
TOTAL				2,88,349.00
2) Current Asset				
- Bills				
TOTAL				
3) Revenue Expenditure				
- Salaries, Wages and	53,280.00	29,100.00		94,746.00
- Travelling & Conveyance				32,653.00
- Admi. expenses/Consumables	2,37,814.00			
- Tax Deducted at Source				
- Contingencies	699.00	-1,829.00		5,972.00
- Share Of Overhead				56,873.00
- Trnf To Dev Fund/Int. Receipt				
TOTAL	2,91,793.00		30,929.00	1,90,244.00
TOTAL (c)		2,91,793.00	30,929.00	4,78,493.00
d) Reversal of Unspent Balance				
NET BALANCE AS AT				
THE YEAR END (a+b-c-d)	844.00		4,99,307.00	65,753.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- BARMARKED ENDOWMENT FUNDS	NBHM TRAVEL GRA - ATHREYA PROJECT 231 NBHM	NBHM NURTURE CONTRACT PROM. PROJECT 232 DEPT ATOMIC ENG	NBHM TEST M.A/ M.SC PROJECT 233 NBHM		
FUNDING AGENCY					
a) Opening Balance of The Funds		2,865.00			-21,466.00
b) Additions To The Funds :					
1. Donation / Grants			2,50,000.00		21,466.00
2. Income From Investment made on account of Funds					
3. Other Addns./Serv. Charges					
TOTAL			2,50,000.00		21,466.00
TOTAL (a+b)		2,865.00		2,50,000.00	
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets			4,560.00		
- Books & Journal					
- Other					
TOTAL				4,560.00	
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and			2,000.00		
- Travelling & Conveyance			86,401.00		
- Admn. expenscs/Consumables			20,000.00		
- Tax Deducted at Source					
- Contingencies			3,872.00		
- Share Of Overhead					
- Trnf. To Dev. Fund/Int. Receipt					
TOTAL				1,12,273.00	
TOTAL (c)				1,16,833.00	
d) Refund of Unspent Balance	2,865.00		1,33,167.00		
NET BALANCE AS AT THE YEAR END (a+b-c-d)					

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3: EARMARKED/ ENDOWMENT FUNDS	INT. OLYMPIAD P. DEP. CAMP PROJECT 236 HOMI BHABHA CEN	SPATIAL STOCH ARTIS PROCESS PROJECT 237 D.S.T. G.O.I.	WRITTEN TEST AWARD OF NBHM PROJECT 238 D.ATOMIC ENERGY		
(i) Opening Balance of The Funds (ii) Additions To The Funds : 1. Donation / Grants 2. Income from Investment made on account of Funds 3. Other Adm./Serv. Charges TOTAL	60,000.00	99,600.00	17,018.00	22,300.00	22,300.00
TOTAL (a+b)	60,000.00		1,16,618.00		22,300.00
(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 - Admin. expenses/Consumables - Tax Deducted at Source - Contingencies - Share Of Overhead - Transf To Dev. Fund/Int. Receipts TOTAL	14,914.00 19,873.00 2,966.00	67,514.00 5,000.00 7,940.00 16,372.00		16,797.00	565.00
TOTAL (c)	37,753.00		96,826.00		17,362.00
(d) Reversal of Unspent Balance	22,247.00			4,838.00	
NET BALANCE AS AT THE YEAR END (a+b-c-d)			19,792.00		

INDIAN STATISTICAL INSTITUTE

SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS	INSA-SENIOR SCI ENTIST-S.K.MITR PROJECT 239	IMPROVED GENOME ANNOTA PROJECT 240	RESOURCE CENTRE IND. LANGUAGE PROJECT 241
FUNDING AGENCY	JNSA	C.S.I.R	M.I.T.,G.O.I.
a) Opening Balance of The Funds	9,001.00		10,37,415.00
b) Additions To The Funds :			
1. Donation / Grants		26,60,000.00	63,221.00
2. Income From Investment made on account of Funds			
3. Other Adms./Serv. Charges			
TOTAL		26,60,000.00	63,221.00
TOTAL (a+b)	9,001.00	26,60,000.00	11,00,636.00
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			
- Admn expenses/Consumables			
- Tax Deducted at Source			
- Contingencies			41,609.00
- Share Of Overhead			9,484.00
- Trnl.To Dev Fund/Int.Receipt			
TOTAL			51,093.00
TOTAL (c)			51,093.00
d) Refund of Unspent Balance	9,001.00		
NET BALANCE AS AT THE YEAR END (a+b-c-d)		26,60,000.00	10,49,603.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SECTION 3: EARMARKED ENDOWMENT FUNDS	CONCUR. EVALU. OF TLCW, DINAJP PROJECT 242	TURBULENT AND INCIDENT SUSP PROJECT 243	HUMAN GENO.DIV INTER IND POP PROJECT 244	
RINDING AGENCY	U.DIN. ZILLA SM	D.S.T.G.O.I.	M.S.T., D.B.T.	
(a) Opening Balance of The Funds	92,847.70		85,360.00	73,813.00
(b) Additions To The Funds -				
1. Donations / Grants		2,60,000.00		
2. Income From Investment made on account of Funds				
3. Other Addns./Serv. Charges				
TOTAL			2,60,000.00	
TOTAL (a+b)	92,847.70		3,45,360.00	73,813.00
(c) Utilization / Expenditure objectives of Funds				
- Capital Expenditure				
- Fixed Assets		1,77,000.00		
- Books & Journal				
- Other				
TOTAL			1,77,000.00	
- Current Asset				
- Bills				
TOTAL				
- Revenue Expenditure				
- Salaries/Wages and		95,833.00		49,400.00
- Travelling & Conveyance	1,750.00	26,892.00		
- Admn. expenses/Consumables	3,855.00			8,631.00
- Tax Deducted at Source				
- Contingencies	6,556.00	8,288.00		2,923.00
- Share Of Overhead				
- Transf. To Dev. Fund/Int. Receipts				
TOTAL	12,161.00		1,31,013.00	60,954.00
TOTAL (c)	12,161.00		3,08,013.00	60,954.00
(d) Balance of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)	80,686.70		37,347.00	12,859.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	FAST ALGORITHMS		KNOWLEDGE BASED		IMPACT OF FORES DEPLETION ETC	
	FOR DNA PROJECT 245 D.S.T., G.O.I.		DATA MINING PROJECT 246 C.S.I.R		PROJECT 247 DPT. ENV. & FRST	
FUNDING AGENCY						
a) Opening Balance of The Funds				1,32,209.00		40,799.00
b) Additions To The Funds :						
1. Donation / Grants	8,00,000.00		3,49,849.00		1,44,650.00	
2. Income From Investment made on account of Funds						
3. Other Adm.,Serv. Charges						
TOTAL	8,00,000.00		3,49,849.00		1,44,650.00	
TOTAL (a+b)		8,00,000.00		4,82,058.00		1,85,409.00
c) Utilisation / Expenditure objectives of Funds						
i. Capital Expenditure						
- Fixed Assets	4,70,000.00					
- Books & Journal			11,619.00			
- Other						
TOTAL		4,70,000.00		11,619.00		
ii. Current Asset						
- Bills						
TOTAL						
iii. Revenue Expenditure						
- Salaries, Wages and	1,22,903.00		4,04,257.00		38,450.00	
- Travelling & Conveyance			28,533.00		23,231.00	
- Adm. expenses/Consumables	1,475.00		4,400.00		7,232.00	
- Tax Deducted at Source						
- Contingencies			8,070.00		2,505.00	
- Share Of Overhead	79,330.00		22,844.00		18,000.00	
- Trnf. To Dev.Fund/Int. Receipts						
TOTAL		2,03,708.00		4,68,104.00		89,418.00
TOTAL (c)		6,73,708.00		4,79,723.00		89,418.00
d) Refund of Unspent Balance						
NET BALANCE AS AT THE YEAR END (a+b-c-d)		1,26,292.00		2,335.00		95,991.00

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3: EARMARKED ENDOWMENT FUNDS	CSIR-SR-RES-ASS DR S RA Y(GSU) PROJECT 248 C S I R	CENTRE FOR SOFT COMPUT RESEARCH PROJECT 249 D.S.T. G.O.I.	NEW TECHNIQUES OF FAST IMAGE PROJECT 250 INTEL CORP.USA		
a) Opening Balance of The Funds		-48,885.00			6,02,775.10
b) Additions To The Funds					
1 Donation / Grants	51,260.00		1,25,00,000.00		
2 Income From Investment made on account of Funds					
3 Other Adds /Serv. Charges					
TOTAL	51,260.00		1,25,00,000.00		
TOTAL (a+b)	2,375.00		1,25,00,000.00		6,02,775.10
c) Utilisation / Expenditure objectives of Funds					
i) Capital Expenditure					
- Fixed Assets			7,96,052.00		
- Books & Journal					
- Other					
TOTAL			7,96,052.00		
ii) Current Asset					
- Bills					
TOTAL					
iii) Revenue Expenditure					
- Salaries, Wages and			85,161.00		
- Travelling & Conveyance				53,620.00	
- Admin. expenses/Consumables			4,436.00	405.00	
- Tax Deducted at Source					
- Contingencies			32,918.00	10,016.00	
- Share Of Overhead			8,33,000.00		
- Transf To Dev. Fund/Int. Receipt					
TOTAL			9,55,515.00	64,041.00	
TOTAL (c)			17,51,567.00	64,041.00	
d) Return of Unspent Balance					
NET BALANCE AS AT					
THE YEAR END (a+b-c-d)	2,375.00		1,07,48,433.00		5,38,734.10

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3 - EARMARKED/ ENDOVMENT FUNDS	INVEST OF MEANS TO ASSESS ERROR PROJECT 251 C S I R	HANDWRITING RECOG FOR POST. PROJECT 252 INDO-FRNH CENT	DELAY FAULT MODELING & TEST PROJECT 253 INTEL CORP USA	
a) Opening Balance of The Funds		49,490.00	1,13,844.00	8,59,922.50
b) Additions To The Funds :				
1. Donation / Grants	1,51,245.00		1,85,955.00	6,89,422.00
2. Income From Investment made on account of Funds				
3. Other Adds./Serv. Charges				
TOTAL	1,51,245.00		1,85,955.00	6,89,422.00
TOTAL (a+b)	2,00,735.00		2,99,799.00	15,49,344.50
c) Utilisation / Expenditure objectives of Funds				
i. Capital Expenditure				
- Fixed Assets				3,62,900.00
- Books & Journal				22,531.00
- Other				
TOTAL				3,85,431.00
ii. Current Asset				
- Bills				
TOTAL				
iii. Revenue Expenditure				
- Salaries,Wages and	1,50,262.00	1,68,000.00		2,27,194.00
- Travelling & Conveyance		8,775.00		
- Admn. expenses/Consumables		6,691.00		
- Tax Deducted at Source				
- Contingencies	1,059.00	15,353.00		2,391.00
- Share Of Overhead		31,528.00		92,252.00
- Trnf To Dev Fund/Int Receipt				
TOTAL	1,51,321.00		2,30,347.00	3,21,837.00
TOTAL (c)	1,51,321.00		2,30,347.00	7,07,268.00
d) Refund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)	49,414.00		69,452.00	8,42,076.50

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS	RELB.LTY. ASSMNT OF A SOLID RM PROJECT 254	MOLECU GENETICS STUDY ON DIABIT PROJECT 255	WATER WAVE DIFF BY FLO.& SU PROJECT 256
FUNDING AGENCY	DEPT.OF SPACE	DPT.BIO-TECH	C.S.I.R.
a) Opening Balance of The Funds		3,29,558.00	6,27,706.00
b) Additions To The Funds :			
1) Donations / Grants		2,00,000.00	1,82,000.00
2) Income From Investment made on account of Funds			
3) Other Adds./Serv. Charges			
TOTAL			2,00,000.00
TOTAL (a+b)		3,29,558.00	8,27,706.00
c) Utilisation / Expenditure objectives of Funds			
Capital Expenditure			
- Fixed Assets		4,30,000.00	
- Books & Journal			
- Other			
TOTAL			4,30,000.00
Current Asset			
- Bills			
TOTAL			
Revenue Expenditure			
- Salaries, Wages and	94,500.00	1,32,000.00	20,892.00
- Travelling & Conveyance	30,428.00		4,028.00
- Adm. expenses/Consumables			
- Tax Deducted at Source			158.00
- Contingencies	3,224.00		9,100.00
- Share Of Overhead			
- Int.To Dev.Fund/Int.Receipts			
TOTAL	1,28,152.00	1,32,000.00	34,178.00
TOTAL (c)	1,28,152.00	5,62,000.00	34,178.00
d) Retial of Unspere Balance			
NET BALANCE AS AT			
THE YEAR END (a+b-c-d)	2,01,406.00	2,65,706.00	1,47,822.00

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- BARMARKED/ ENDOWMENT FUNDS	STATIS CLASSIF FOR ENCRYPTIO PROJECT 258 D S T	INSEAD RESEARCH GRANT(FOREIGN) PROJECT 259 CEDEX, FRANCE	MAFIC CRUSTAL XENO IN E.GH PROJECT 260 D.S.T. G.O.I.		
a) Opening Balance of The Funds			1,50,969.07		
b) Additions To The Funds :					
1. Donation / Grants	10,50,000.00			3,96,000.00	
2. Income From Investment made on account of Funds					
3. Other Addns./Serv. Charges					
TOTAL	10,50,000.00				3,96,000.00
TOTAL (a+b)	10,50,000.00		1,50,969.07		3,96,000.00
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets	1,54,369.00				
- Books & Journal					
- Other					
TOTAL	1,54,369.00				
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and	21,225.00	1,44,000.00		47,800.00	
- Travelling & Conveyance	30,551.00			40,754.00	
- Admn. expenses/Consumables				4,630.00	
- Tax Deducted at Source					
- Contingencies	9,960.25			16,844.00	
- Share Of Overhead	2,20,000.00			66,000.00	
- Trmf To Dev-Fund/Int Receipts					
TOTAL	2,81,736.25	1,44,000.00		1,76,028.00	
TOTAL (c)	4,36,105.25		1,44,000.00		1,76,028.00
d) Refund of Unspent Balance					
NET BALANCE AS AT					
THE YEAR END (a+b-c-d)	6,13,894.75		6,969.07		2,19,972.00

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3: EARMARKED/ ENDOWMENT FUNDS	EFFICIENT SOFTW IMPLEMENTATION PROJECT 261 MIN OF DEFENC	EVALUATION OF RELBLTY. FLIGHT PROJECT 262 DEPT. OF SPACB	CRYPT ANALYSIS OF STEGANO SCHM PROJECT 263 SAG.DRDO	
Opening Balance of The Funds		1,15,743.00	3,45,131.00	2,73,000.00
Additions To The Funds :				
1 Donation / Grants				
2 Income From Investment made on account of Funds				
3 Other Adds./Serv. Charges				
TOTAL				
TOTAL (a+b)		1,15,743.00	3,45,131.00	2,73,000.00
Utilisation / Expenditure objectives of Funds				
Capital Expenditure				
- Fixed Assets				
- Books & Journal				
- Other				
TOTAL				
Current Asset				
- Bills				
TOTAL				
Revenue Expenditure				
- Salaries/Wages and		73,500.00	85,000.00	
- Travelling & Conveyance		30,303.00	650.00	
- Adm. expenses/Consumables			10,256.00	
- Tax Deducted at Source				
- Contingencies		3,298.00	2,800.00	
- Share Of Overhead			40,950.00	
- Transf To Dev. Fund/Inv. Receipt	1,15,743.00			
TOTAL	1,15,743.00		1,07,101.00	1,39,656.00
TOTAL (c)		1,15,743.00	1,07,101.00	1,39,656.00
Refrund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)			2,38,030.00	1,33,344.00

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- BARMARKED/	DEV. ALGORITHMS	SPATIAL DIMEN	FOREST AND THE		
ENDOWMENT FUNDS	ROBUST SPEAKER	OF REPROD. HEALTH	RESOR. FOR POOR		
	PROJECT 264	PROJECT 265	PROJECT 266		
FUNDING AGENCY	M.I.T. G.O.I.	I C M R	UNIV. READING UK		
a) Opening Balance of The Funds			1,61,500.00		46,084.00
b) Additions To The Funds :					
1. Donation / Grants	26,00,000.00				
2. Income From Investment made on account of Funds					
3. Other Adm./Serv. Charges					
TOTAL	26,00,000.00				
TOTAL (a+b)	26,00,000.00		1,61,500.00		46,084.00
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets	12,89,552.00				
- Books & Journal	3,615.00				
- Other					
TOTAL	12,93,167.00				
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and	1,60,800.00	43,302.00		8,000.00	
- Travelling & Conveyance	83,360.00	300.00		9,813.00	
- Adm. expenses/Consumables	41,929.00	2,995.00		2,620.00	
- Tax Deducted at Source					
- Contingencies	25,112.25	2,731.00		4,919.00	
- Share Of Overhead	3,50,000.00	24,225.00			
- Trnf. To Dev. Fund/Int. Receipt					
TOTAL	6,61,201.25	73,553.00			23,352.00
TOTAL (c)	19,54,368.25		73,553.00		23,352.00
d) Refund of Unspent Balance					
NET BALANCE AS AT					
THE YEAR END (a+b-c-d)	6,45,631.75		87,947.00		20,732.00

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- BARMARKED ENDOWMENT FUNDS	STAT. METHODS FOR MAPN MULTIV PROJECT 267		DEVELOPMENT OF CRYPTOLOGY-SHOQ PROJECT 268		COMPUTATIONAL INTELL. REMOTE PROJECT 269	
	N I H L U S A		SHOGI COMMUN.		D.A.E. GOI,MUMB	
FUNDING AGENCY						
(i) Opening Balance of The Funds		12,12,770.00		2,86,379.00		
(ii) Additions To The Funds :						
1. Donation / Grants	35,63,385.00				18,71,475.00	
2. Income From Investment made on account of Funds						
3. Other Adm./Serv. Charges						
TOTAL		35,63,385.00				18,71,475.00
TOTAL (a+b)		47,76,155.00		2,86,379.00		18,71,475.00
(i) Utilisation / Expenditure objectives of Funds						
(i) Capital Expenditure						
- Fixed Assets					11,76,701.00	
- Books & Journal						
- Other						
TOTAL						11,76,701.00
(ii) Current Asset						
- Bills						
TOTAL						
(iii) Revenue Expenditure						
- Salaries,Wages and					24,826.00	
- Travelling & Conveyance	5,79,564.00		1,32,933.00		14,077.00	
- Adm. expenses/Consumables					3,926.00	
- Tax Deducted at Source						
- Contingencies	2,322.00		16,300.00		3,421.00	
- Share Of Overhead	97,022.00				1,28,475.00	
- Transf To Dev.Fund/Intl.Receipt						
TOTAL		6,78,908.00		1,49,233.00		1,74,725.00
TOTAL (c)		6,78,908.00		1,49,233.00		13,51,426.00
(d) Reversal of Unspent Balance						
NET BALANCE AS AT						
THE YEAR END (a+b-c-d)		40,97,247.00		1,37,146.00		5,20,049.00

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	NBHM LIBRARY COMMITTEE(NORTHER PROJECT 273	NBHM RESEARCH AWARD-L.SAHU(DL PROJECT 276	NBHM BOOK GRANT (DELHI) PROJECT 278		
FUNDING AGENCY	DEP.ATOMIC ENG	DEPT.ATOMIC ENG	DEPT.ATOMIC ENG		
a) Opening Balance of The Funds		18,838.00		50,225.00	1,51,281.69
b) Additions To The Funds :					
1. Donation / Grants			37,667.00		18,87,858.00
2. Income From Investment made on account of Funds					
3. Other Adm./Serv. Charges					
TOTAL				37,667.00	18,87,858.00
TOTAL (a+b)		18,838.00		87,892.00	20,39,139.69
c) Utilisation / Expenditure objectives of Funds					
i. Capital Expenditure					
- Fixed Assets			1,667.00		18,88,013.00
- Books & Journal					
- Other					
TOTAL				1,667.00	18,88,013.00
ii. Current Asset					
- Bills					
TOTAL					
iii. Revenue Expenditure					
- Salaries, Wages and			81,000.00		
- Travelling & Conveyance					
- Adm. expenses/Consumables					
- Tax Deducted at Source					
- Coningencies					
- Share Of Overhead					
- Trnf. To Dev. Fund/Int. Receipt					
TOTAL				81,000.00	
TOTAL (c)				82,667.00	18,88,013.00
d) Refund of Unspent Balance					
NET BALANCE AS AT THE YEAR END (a+b-c-d)		18,838.00		5,225.00	1,51,126.69

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- EARMARKED ENDOWMENT FUNDS	EMERITUS SCNT. DR. A.CHOUDHURY PROJECT 280 CSIR	SOFT COMPUTING CHEMOGENOMICS PROJECT 283 SILHICOGENE INF	SOFTWARE DEV. FOR TIGER PUJ PROJECT 284 D.O.F. GOV W. 8
FUNDING AGENCY			
a) Opening Balance of The Funds		-26,101.00	1,12,794.00
b) Additions To The Funds :			
1. Donation / Grants	2,01,871.00		2,70,000.00
2. Income From Investment made on account of Funds			
3. Other Addns./Serv. Charges			
TOTAL	2,01,871.00		2,70,000.00
TOTAL (a+b)	1,75,770.00		1,12,794.00
c) Utilisation / Expenditure objectives of Funds			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Assets			
- Bills			
TOTAL			
iii. Revenue Expenditure			
- Salaries,Wages and	1,20,000.00	82,333.00	1,34,323.00
- Travelling & Conveyance			40,189.00
- Admn. expenses/Consumables		1,440.00	2,074.00
- Tax Deducted at Source			
- Contingencies	55,731.00	831.00	30,829.00
- Share Of Overhead			41,092.00
- Trnl.To Dev. Fund/Intl. Receipt			
TOTAL	1,75,731.00	84,604.00	2,48,507.00
TOTAL (c)	1,75,731.00	84,604.00	2,48,507.00
d) Refund of Unspent Balance			
NET BALANCE AS AT			
THE YEAR END (a+b-c-d)	39.00	28,190.00	21,493.00

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SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2005

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	VISUAL CRYPTO. SCHEMES PROJECT 285 DEPT.SPACE GOI.	QUANTUM MARKOV PROCES PROJECT 286 D.S.T., DAAD	PREDICTION OF GROUND VIBRATN. PROJECT 287 CMRI, NAGPUR	
a) Opening Balance of The Funds		1,113.00	2,36,676.00	2,00,000.00
b) Additions To The Funds :				
1. Donation / Grants	4,17,800.00			
2. Income From Investments made on account of Funds				
3. Other Adds./Serv. Charges				
TOTAL	4,17,800.00			
TOTAL (a+b)	4,18,913.00		2,36,676.00	2,00,000.00
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	1,48,560.00			
- Travelling & Conveyance	36,087.00	69,866.00		
- Admin. expenses/Consumables				
- Tax Deducted at Source				
- Contingencies	14,602.00			
- Share Of Overhead	54,480.00			
- Trnf. To Dev.Fund/Intl. Receipts				
TOTAL	2,53,729.00	69,866.00		
TOTAL (c)	2,53,729.00	69,866.00		
d) Refund of Unspent Balance				
NET BALANCE AS AT THE YEAR END (a+b-c-d)	1,65,184.00		1,66,810.00	2,00,000.00