Publications

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Library , Delhi

Khatri, N. K. : Study of the Use of Electronic resources for implementing library consortium, *Consortia Based Subscription of Online Resources (CBSOR)*, ISI, Kolkata, March 2007.

Library , Bangalore

Krishnamurty, M. : Implementing digital libraries using Dspace: An open source software, *Proceedings of International Conference on Multidisciplinary Information Science Technologies*, Merida, Spain, October 2006.

Krishnamurty, M. : Development of Institutional repositories, *National Seminar on Best Practices in Library and Information Services*, Bangalore University, August 2006.

Krishnamurty, M. : Digital libraries in the academic libraries current practices and future possibilities, *National Seminar on Best Practices in Library and Information Services*, Bangalore University, August 2006.

Krishnamurty, M. : Open access, open source and digital libraries, *Workshop on GSDL and Dspace Development of Repositories*, Sarada Ranganathan Endowment for Library and Information Science, Bangalore, 2006.

Krishnamurty, M. : Open source software and digital libraries: An overview, *Proceedings of National Workshop on Design and Development of E- library*, SRM University, Tamilnadu, 2006.

Krishnamurty, M. and Rajashekara, H. M. : Open source software and digital libraries, *Proceedings of International Conference on Digital Libraries*, Tata Energy Research Institute, New Delhi, 2007.

Krishnamurty, M. : Accessing of E-Journals [Consortia approach], *Workshop on Consortia based Subscription of on-line Resources*, 2007.

Centre for Soft Computing Research : A National Facility

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Filippone, M., Masulli, F., Rovetta, S., Mitra, S. and Banka, H. : Possibilistic approach to biclustering: An application to oligonucleotide microarray data analysis, *Proceedings of International Conference on Computational Methods in Systems Biology (CMSB'06)*, Trento, Italy, 2006.

Ghosh, S., Kothari, M. and Ghosh, A. : Aggregation pheromone density based image segmentation, *Proceedings of 5th Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP06)*, Prem Kalra and Samuel Peleg, (eds.), 118-127, LNCS 4338, Springer-verlag Berlin, Heidelberg, 2006.

Kanungo, P., Nanda, P. K., Ghosh, A. and Samal, U. C. : Classification of object and background using parallel genetic algorithm based clustering, *Proceedings of the IEEE first International Conference on Signal and Image Processing*, vol - II, 743-748, Hubli, India, December 2006.

Kothari, M., Ghosh, S. and Ghosh, A. : Aggregation pheromone density based change detection in remotely sensed images, *Proceedings of 6th International Conference on Advances in Pattern Recognition.* Pinakpani Pal, (ed.), 193-197, World Scientific Publishing Co. Pvt. Ltd., Singapore, 2007.

Kothari, M., Ghosh, S. and Ghosh, A. : Aggregation pheromone density based clustering, *Proceedings of 9th International conference on Information Technology (ICIT06),* S. P. Mohanty and A. Sahoo, (eds.), 259-264, IEEE Computer Society Press, Los Alamitos, California, 2006.

Maity, S. P., Kundu, M. K. and Mandal, M. K. : Performance improvement in spread spectrum watermarking via M-band wavelets and N-ary modulation, *Proceedings of IET International Conference on Visual Information Engineering (VIE2006),* India, 2006.

Maity, S. P., Nandi, P. K. and Kundu, M. K. : Genetic algorithm for improvement in detection of hidden data in digital images, *Proceedings of 6th International Conference on Advances in Pattern Recognition (ICAPR-07),* India, January 2007.

Maji, P., Chanda, B., Kundu, M. K and Dasgupta, S. : Deformation correction in brain MRI using mutual information and genetic algorithm, *Proceedings of International Conference on Computing: Theory and Applications (ICCTA-07),* Kolkata, India, IEEE Computer Society Press, March 2007.

Maji, P., Kundu, M. K. and Chanda, B. : Segmentation of brain MR images using fuzzy sets and modified co-occurrence matrix, *Proceedings of IET International Conference on Visual Information Engineering (VIE2006),* India, 2006.

Mitra, S., Banka, H. and Pal, S. K. : An MOE framework for biclustering microarray data, *ICPR 2006,* 1, 1154-1157, 2006.

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Sen, D. and Pal, S. K. : Image segmentation using global and local fuzzy statistics, *Proceedings of IEEE INDICON,* New Delhi, India, 2006.

Computer and Statistical Services Centre (CSSC)

Bagchi, A. : Rule generation by Boolean minimization - experience with coronary bifurcation stenting in angioplasty. *Proceedings of National Conference on Recent Trends in Information Systems (RETIS 2006),* 234-238, July 14-15, 2006, Kolkata, India.

Bagchi, A. : Complex queries on web graph representing a social network, *Proceedings of of IEEE 1st International Conference on Digital Information Management,* 430-435, December 6-8, 2006.

Papers Published in Books

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Chakraborty, B. and Chaudhuri, P. : Computation of half-space depth using simulated annealing, *Data Depth : Robust Multivariate Analysis, Computational Geometry and Applications*, Regina Y. Liu, Robert Serfling and Diane L. Souvaine (eds.), 159-169, American Mathematical Society, 2006.

Chaudhuri, P. : On single index regression models for multivariate survival times, *Advances in Statistical Modeling and Inference - Essays in Honour of Kjell A. Doksum*, Vijay Nair (ed.), 223-232, World Scientific, London, 2007.

Stat-Math Unit, Delhi

Marinne, Akian, Bapat, R. and Gaubert, Stephan : Max-plus Algebra, *Handbook of Linear Algebra*, Leslie Hogben, Chapman and Hall / CRC, New York, 25.1 – 25.7, 2007.

Applied Statistics Division

Applied Statistics Unit

Bhattacharya, P., Mukhopadhyay, S., Patra, A., Chattopadhyay, A. B. and Sengupta, D. : On-line monitoring of manufacturing processes : A case study of tool condition monitoring in face milling, *Frontiers of Measurement and Instrumentation*, A.N.E Books Pvt. Ltd, New Delhi, 293-309, 2007.

SenGupta, A. : Conditionally specified models in accelerated life testing problems, *Recent Advances in Order Statistics and Inference*, E. Castillo and N. Balakrishnan (eds.), Birkhauser, 327-339.

Bayesian and Interdisciplinary Research Unit

Purkayastha, S., and Basak, S. : Bayesian hierarchical spatio-temporal analysis of fMRI data : a case study, *Bayesian Statistics and its Applications*, S. K. Upadhyay, U. Singh and D. K. Dey (eds.), Anamaya Publishers, New Delhi, 90-109, 2006.

Computer and Communications Sciences Division

Computer Vision and Pattern Recognition Unit

Chaudhuri B. B. : Input-output issues in software localization of south Asian languages, *Localization of Information Technology*, ICFAI University Press, 161-168, 2006.

Chaudhuri B. B. : On OCR of a printed Indian script, *Digital document Processing: Major directions and recent advances*, Springer Verlag, London, 99-120, 2007.

Garain, U., Chakraborty, M. P. and Dasgupta, D. : Recognition of handwritten Indic script digits using clonal selection algorithm, *Lecture Notes in Computer Science (LNCS)*, 4163, H. Bersini and J. Carneiro (eds.), Springer, Berlin/Heidelberg, 256-266, 2006.

Garain, U. and Chaudhuri, B. B. : OCR of printed mathematical expressions, *Digital Document Processing*, B. B. Chaudhuri (ed.), Springer-Verlag, London, 235-259, 2006.

Mitra S., Mitra M. and Chaudhuri B. B. : An approach to a rough set based disease inference engine for ECG classification, *Rough Sets and Current Trends in Computing*, Springer Verlag, 398-407, 2006.

Electronics and Communication Sciences Unit

Bhattacharyya, S., Dutta, P. and Dutta Majumder, D. : A parallel self-organizing neural network (SONN) based graded color object extractor using a MUSIG activation function with CONSEN, *Fuzzy Mathematics in Management Science*, Debjani Chakravarti and D. Dutta Majumder (eds.), Narosa Publishing House, 206-213, 2007.

Chanda, A., Das, S., Dutta, S., Sarkar, S., Acharyya, I. and Dutta Majumder, D. : Uncertainty management of a powered projectile: A fuzzy differential inclusion approach, *Fuzzy Mathematics in Management Science*, Debjani Chakravarti and D. Dutta Majumder (eds.), Narosa Publishing House, 224-227, 2007.

Dutta Majumder, D. : Logic, mathematics and reality: A cybernetics and systems approach, *Fuzzy Mathematics in Management Science*, Debjani Chakravarti and D. Dutta Majumder (eds.), Narosa Publishing House, 155-163, 2007.

Dutta Majumder, D. and Chandra, D. : Data mining & knowledge discovery using a fuzzy mathematical approach, in the Context of Indian Agricultural System Management, *Fuzzy Mathematics in Management Science*, Debjani Chakravarti and D. Dutta Majumder (eds.), Narosa Publishing House, 73-80, 2007.

Dutta Majumder, D., Laha, A., Das, S. K., Dutta, S., Acharyya, I., Chanda, A. and Sarkar, S. : An approach to design of fuzzy rule-base using Dempster-Shafer's evidential reasoning for tracking application, *Fuzzy Mathematics in Management Science*, Debjani Chakravarti and D. Dutta Majumder (eds.), Narosa Publishing House, 214-223, 2007.

Machine Intelligence Unit

Banerjee, M., Mitra, S. and Anand, A. : Feature selection using rough sets, *Multi-Objective Machine Learning*, Y. Jin (ed.), Springer Verlag, Heidelberg, 3-20, 2006.

De, R. K. : Reverse engineering gene regulatory networks : Artificial neural network based methodologies, *Bioinformatics and Statistics in Fisheries Research, III*, A. K. Roy and N. Sarangi (eds.), Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswar, 30-41, 2007.

Maulik, U., Bandyopadhyay, S. and Das, S. K. : Medical imaging and diagnosis using genetic algorithms, *Handbook of Biologically Inspired Algorithms*, A. Zomaya and S. Olariu (eds.), CRC Press, USA, 235-252, 2006.

Meher, S. K., Uma Shankar, B. and Ghosh, A. : Multispectral remote sensing image classification using wavelet based features, *Soft Computing in Image Processing: Recent Advances*, M. Nachtegael, D. Vin der Weken, E. E. Kerre, and W. Philips (eds.), Springer, 3-34, 2006.

Mukhopadhyay, A., Biswas, U., Naskar, M. K., Maulik, U. and Bandyopadhyay, S. : Minimization of SADMs in unidirectional SONET/WDM rings using genetic algorithm, *Handbook of Biologically Inspired Algorithms*, A. Zomaya and S. Olariu (eds.), CRC Press, USA, 209-218, 2006.

Physics and Earth Sciences Division

Geological Studies Unit

Paul, B. K., Mitra, R. K. and Moulik, S. P. : Microemulsions: Percolation of conductance and thermodynamics of droplet clustering, *Encyclopaedia of Surface and Colloid Science*, Somasundaran, P. (ed.), Taylor & Francis, New York, 3927-3956, 2006.

Physics and Applied Mathematics Unit

Basu, U. and Mandal, B. N. : Integral transform, *Techniques in Applied Mathematics*, Narosa Publishing House, New Delhi, 132-154, 2007.

Mazumdar, H. P. : On the computation of friction factor in turbulent pipe flow, *Techniques in Applied Mathematics*, Narosa Publishing House, New Delhi, 155-165, 2007.

Roychoudhury, R. : Solitons and inverse scattering method, *Techniques in Applied Mathematics*, Narosa Publishing House, New Delhi, 176-188, 2007.

Biological Sciences Division

Agricultural and Ecological Research Unit

Molla, K. I., Rahaman, M., Sayedur, S., A. and Banik, P. : Empirical mode decomposition analysis of climate changes with special reference to rainfall data. *In: Discrete Dynamics in Nature and Society,* Hindawi Publishing Corporation, vol. 2006, Article ID 45348, 17 pages.

Mukhopadhyay, G. and Dewanji, A. : Aquatic plants as water quality indicators in two ponds of Kolkata, *Plant Response to Environmental Stress,* R. D. Tripathi, K. Kulshreshtha M. Agrawal, K. J. Ahmad, C. K. Varshney, S. Krupa and P. Pushpangadan (eds.): 113-120, I. B. D. Publishers, India, 2006.

Biological Anthropology Unit

Gupta, R. : Adaptation, health and development in an interactive framework, *Some Dimensions of Human Biological Diversity Among Indian Populations,* I. J. S. Bansal and A. Basu. (eds.) INCAA., Kolkata, 1-6, 2007.
Tripathy, V., and Gupta, R. : Tibetan diaspora in India: Some anthropo-demographic observations, *India – People and Environment,* M. K. Raha, D. Chatterjee and M. Desai (eds.), Netaji Institute For Asian Studies, Kolkata, 76-98, 2007.

Social Sciences Division

Economic Research Unit

Chakravarty, S. R. and Majumder, A. : Intersociety literacy comparisons, *Inequality, Poverty and Well-being,* M. McGillivray (ed.), Palgrave Macmillan, UK, 162-176, 2006.

Chakravarty, S. R. : An axiomatic approach to multidimensional poverty measurement via fuzzy set, *Fuzzy Set Approach to Multidimensional Poverty Measurement,* A. Lemmi and G. Betti (eds.), Springer Verlag, Berlin, 49-72, 2006.

Ghosh, B. and *Maneechio, Y.* : Technological capabilities, human development and economic performance: A Study of Bay of Bengal Initiatives, Japan and the World, *Towards Bay of Bengal Initiatives and India Japan Comprehensive Economic Cooperation: The Benefits of Moving Together,* CSIRD (ed.), Anthem Press, New Delhi, 250 – 280, 2006.

Sarkar, A. : Monsoon and economic activity, *The Oxford Companion to Economics in India,* Kaushik Basu (ed.), Oxford University Press, New Delhi, 359-361, 2007.

Linguistic Research Unit

Dasgupta, P. : Unifying relativization and control in Bangla, *Nyaya-Vasistha: Felicitation Volume of Professor V.N. Jha*, Manabendu Banerjee et al. (eds.), Sanskrit Pustak Bhandar, Kolkata, 138-170, 2006.

Dasgupta, P. : Popular cinema, India, and fantasy, *Fingerprinting Popular Culture: The Mythic and the Iconic in Indian Cinema*, Vinay Lal and Ashis Nandy (eds.), Oxford University Press, New Delhi. 1-23, 2006.

Dasgupta, P. : Language policies and lesser-known languages in India, *The Yearbook of South Asian Languages and Linguistics*, Rajendra Singh et al. (Eds.), 9, 193-205, 2006.

Dash, N. S. : Corpus linguistics: An introduction, *Encyclopaedia of Life Support Systems*, Vesna Muhvic-Dimanovski and Lelija Sočanac (eds.), Eolss Publishers (On behalf of UNESCO), Oxford, 110-159, 2007.

Dash, N. S. : The Art of lexicography, *Encyclopaedia of Life Support Systems*, Vesna Muhvic-Dimanovski and Lelija Sočanac (eds.), Eolss Publishers (On behalf of UNESCO), Oxford, 225-276, 2007.

Planning Unit

Ramaswami, B. and Pray, Carl E. : Confronting the challenge – The potential of genetically modified crops for the poor, *The Gene Revolution: GM Crops and Unequal Development*, Sakiko Fukuda-Parr (ed.), Earthscan, London, 156-174, 2007.

Ramaswami, B. and Wadhwa, Wilima : Unemployment the measurement of, *The Oxford Companion to Economics in India*, Kaushik Basu (ed.), Oxford University Press, New Delhi, 539-542, 2007.

Ramaswami, B. : Public distribution system, *The Oxford Companion to Economics in India*, Kaushik Basu (ed.), Oxford University Press, New Delhi, 430-433, 2007.

Somanathan, E. : Biodiversity, *Oxford Companion to Economics in India*, Kaushik Basu (ed.), Oxford University Press, New Delhi, 32-35, 2007.
Somanathan, E., Prabhakar, R. and Mehta, B.S. : Collective action for forest conservation: Does heterogeneity matter?, *Inequality Cooperation, and Environmental Sustainability*, Jean-Marie Baland, Pranab Bardhan and Samuel Bowles (eds.), Princeton University Press, USA, 234-245, 2006.

Somanathan, E. and Thomas Sterner : Environmental policy instruments in developing countries, *Economic Development and Environmental Sustainability: New Policy Options*, Ramon Lopez and Michael A. Toman (eds.), Oxford University Press, New Delhi, USA, 217-244, 2006.

Population Studies Unit

Saha, A. K. : Female nuptiality in an Indian state and Bangladesh : An episode, *Environment Concerns*, Sudip Datta Banik, Saikat Kumar Basu and Amit Krishna De (eds.), APH Publishing Corporation, New Delhi, 311-351, 2007.

Psychology Research Unit

Gupta, R. · Deprivation of food items on academic achievement of young girls, *Health Psychology, Psycho Social Perspective*, Sunita Malhotra, Promila Batra and Amrita Yadava (eds.), Commonwealth Publisher, New Delhi, 169-173, 2007.

Gupta, R. : Special education in India, *The Encyclopedia of Special Education, 3rd Edition*, Volume-2, Cecil R. Reynolds and Elaine Fletcher-Janzen (eds.), John Wiley and Sons, New Jersey, 1089-1091, 2007.

Sociological Research Unit

Ghosh, B. N. : Socio-economic life of tribal women and children, *Women's empowerment*, M.R. Biju (ed.), Mittal Publications, New Delhi, 111-128, 2007.

Ramachandran, V.K. and Swaminathan, M. : Prospects for rural employment in contemporary India, *Contested Transformations, Changing Economies and Identities in Contemporary India*, Mary E John, Praveen Kumar Jha and Surinder S Jodhka (eds.), Tulika Books, New Delhi, 84-94, 2006.

Swaminathan, M. : Child labour, *The Oxford Companion to Economics in India*, Kaushik Basu (ed.) Oxford University Press, Oxford, 53-55, 2007.

7. VISITING SCIENTISTS

A number of distinguished scientists from India and abroad 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 except for those who visited for a day just to give a lecture or seminar.

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bandyopadhyay, Suraj, Indian Statistical Institute, Kolkata, January 01 - December 31, 2007.

Basu, Arnab, School of Computer Science, Tata Institute of Fundamental Research, Mumbai, October 10 - 29, 2006.

Bhattacharya, Rabi, University of Arizona, USA, January 18, 2007.

Bhaumik, Dulal, University of Illinois, Chicago, USA, June 20 - July 28, 2006.

Dharmadhikari, Avinash, Tata Motors & University of Pune, July 19 - 20, 2006.

Dutta, Sudipta, Ben Gurion University of the Negev, August 14, 2006 - February 13, 2007.

Fialowski, Alice, Department of Applied Analysis, Eotvos Lorand University, Renyi Institute, Budapest, Hungary, January 27 - February 24, 2007.

Gangopadhyay, Sreela, Indian Statistical Institute, Kolkata, June 01 - November 30, 2006.

Ghosh, Arka. P., Iowa State University, USA, May 26 - June 26, 2006.

Kibria, Golam, Florida International University, USA, July 17 - 20, 2006.

Lin, Bor-Luh, University of Iowa, USA, January 27 - February 09, 2007.

Mitra, Joydip, Management Development Institute, Gurgaon, February 17 - 28, 2007.

Mosler, Karl, Universitat zu Koln, Germany, March 08 - 20, 2007.

Mukherjee, Amiya, Indian Statistical Institute, Kolkata, December 01, 2006 - November 01, 2007.

Omelka, Marek, Department of Probability and Math Statisticl, Charles University, November 05 - 25, 2006.

Princy, K.L., Kannur University, Kerala, August 01 - 18, 2006.

Rao, Ravi, Tata Institute of Fundamental Research, Mumbai, March 19 - 28, 2007.

Ray, Urmie, Univ. de Reims, France, February 12 - 17, 2007.

Roy, K. K., Indian Statistical Institute, Kolkata, December 01, 2005 - November 30, 2006.

Roy, Anindya, University of Maryland, Baltimore County, USA, July 01 - December 06, 2006.

Visiting Scientists

Roy, Ashoke Kr., Indian Statistical Institute, Kolkata, June 05 - August 04, 2006.

Sarkar, Siddhartha, January 15 - 19, 2007.

Sen, Bodhisattva, University of Michigan, USA, August 19 - September 14, 2006.

Sengupta, Arindam, Department of Statistics, University of Calcutta, December 01, 2006 - November 01, 2007.

Talukdar, Nabajit, Dibrugarh University, Assam, July 04 - 17, 2006.

Titterington, Donald M., University of Glasgow, UK, January 23 - 31, 2007.

Vittal, P. R., Vivekananda College, Chennai, February 02 - 22, 2007.

Stat-Math Unit, Delhi

Aujla, Jaspal Singh, National Institute of Technology, Jalandhar, September 30, 2006 – October 04, 2007.

Barik, Sasmita, Indian Institute of Technology, Guwahati, February 13, 2007 – January 31, 2008.

Chanda, Kamal, Texas Tech University, USA, December 14 - 19, 2006.

Chakraborty, Parthasarathi, Chennai Mathematical Institute, Chennai, December 01 - 04, 2006.

Deshpande, Jayant V., University of Pune, Pune, November 09 - 17, 2006.

Dey, Dipak K., University of Connecticut, USA, December 19 - 22, 2006.

Gupta, Bhupendra, Indian Institute of Technology, Kanpur, November 07, 2006 - October 31, 2007.

Gupta, Rashi, University of Helsinki, Finland, March 01 – 31, 2007.

Jana, Nabin, Bijoy Krishna Girls' College, West Bengal, October 02 - 24, 2006.

Karandikar, Rajeeva, Cranes Software International Limited, Bangalore, January 29, 2007.

Katona, G. G., Alfred Renyi Institute of Mathematics and Hungarian Academy of Sciences, Hungary, December 08 - 15, 2006.

Lee, Youngjo, Seoul National University, Korea, March 26 - 30, 2007.

Nadkarni, M. G., University of Bombay, Mumbai, October 09 – 14, 2006.

Narasimhan, M. S., Tata Institute of Fundamental Research, Bangalore??, February 13, 2007.

Prakasa Rao, B. L. S., University of Hyderabad, Hyderabad, September 25, 2006 – October 02, 2007.

Raghavan, T. E. S., University of Illinois at Chicago, USA, August 03 - 13, 2006.

Rajput, Balram, University of Tennessee, Knoxville, USA, December 22, 2006.

Rodrudguez, Alfonso Montes, University of Sevilla, Spain, March 21 - 30, 2007.

Sethuraman, Jayaram, Florida State University, USA, February 05 - 10, 2007.

Shah, Riddhi, Tata Institute of Fundamental Research, Mumbai, October 17, 2006.

Sharma, Rajesh, Himachal Pradesh University, Shimla, January 18 – February 18, 2007.

Thangavelu, S., Indian Institute of Science, Bangalore, November 19 - 24, 2006.

Titterington, Donald M., University of Glasgow, UK, January 22, 2007.

Stat-Math Unit, Bangalore

Angers, J-F., University of Montreal, Canada, January 10 - 16, 2007.

Balasubramanian, R., Institute of Mathematical Sciences, Chennai, March 29 - 30, 2007.

Barma, Mustansir, Tata Institute of Fundamental Research, Mumbai, February 19 - 23, 2007.

Biswas, Indranil, Tata Institute of Fundamental Research, Mumbai, March 21 - 29, 2007.

Chakraborthy, Partha, Institute of Mathematical Sciences, Chennai, February 03 – 11 and March 26 – 28, 2007.

Dabeer, Onkar, Tata Institute of Fundamental Research, Mumbai, February 11 - 16, 2007.

Dalawat, C.S., Harish-Chandra Research Institute, Allahabad, February 04 - 11, 2007.

Dey, Santanu, Ernst-Moritz-Arndt Universitat Greifswald, Germany, February 19 - 21, 2007.

Raghavan, K.N., Institute of Mathematical Sciences, Chennai, October 09 – 10, 2007.

Ramanan, Kavita, Carnegie Mellon University, USA, January 27 – February 03, 2007.

Ramaseshan, Vittal, Vivekananda College, Chennai, June 15 – July 14, 2006.

Ranade, Ranjeet, ETC-Partners, Bangalore, July 17 - October 16, 2006.

Sahoo, Binod Kumar, National Institute of Technology, Rourkela, February 18 – March 02, 2007.

Sahu, Lingaraj, NBHM Post-doctoral Fellow, December 01, 2006 – March 31, 2007.

Skalski, Adam, University of Lancaster, UK, December 01 - 31, 2006.

Sarkar, Jaydeb, Indian Institute of Science, Bangalore, August 01 – October 30, 2006.

Shorey, T. N., Tata Institute of Fundamental Research, Mumbai, September 24 – October 14, 2006.

Sinha, Sukanya, Raman Research Institute, Bangalore, July 17 – September 16, 2006.

Srihari, S., Institute of Mathematical Sciences, Chennai, June 01 - 30, 2006.

Srivastava, Sachi, Indian Institute of Science, Bangalore, December 01 - 31, 2006.

Titterington, Donald M., University of Glasgow, January 31 – February 03, 2007.

Yadav, Manoj Kumar, Harish-Chandra Research Institute, Allahabad, December 06, 2006 – January 05, 2007.

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Applied Statistics Division

Applied Statistics Unit

Bandyopadhyay, Subhadip, Defence Institute of Advanced Technology, Pune, December 08, 2006 – January 18, 2007.

Hussain, Abdul Ghapor, University of Malaya, Malaysia, November14 – 28, 2006.

Kwon, Youngmi, Department of Information Communication Engineering, Chungnam National University, South Korea, July 24, 2006 – July 23, 2007.

Mahalanobis, Ayan, Stevens Institute of Technology, Hoboken, USA, June 01, 2006 – July 31, 2006.

Ugwuowo, F. I., University of Nigeria, August 15 – November 15, 2006.

Bayesian and Interdisciplinary Research Unit

Bhattacharya, Sourabh, January 27 - February, 2007.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bandyopadhyay, Anirban, International Centre of Young Scientists, Japan, July 12 - 13, 2006.

Goswami, Partha P., Kalyani University, Kalyani, India, September 13, 2006.

Kao, Min Y., Northwestern University, USA, December 28, 2006.

Kundu, Sandip, University of Massachusetts, Amherst, USA, July 26, 2006.

Laskar, Renu, Department of Mathematics, Clemson University, South Carolina, USA, February 07, 2007.

Lee, D. T., Academia Sinica, Taiwan, December 28, 2006.

Patch, Janos, Alfred Renyi Institute of Mathematics, Hungarian Academy of Science and Courant Institute of Mathematical Sciences, New York University, New York, USA, January 14 - 24, 2007.

Prasanna, Viktor K., University of Southern California, USA, July 19, 2006.

Reddy, M. Venkateswara, DOS Lab, Department of CS&E, Indian Institute of Technology, Chennai, June 30, 2006.

Computer Vision and Pattern Recognition Unit

Terrades, Oriol R., Universitat Autonoma de Barcelona, Barcelona, Spain, October 30, 2006 - April 01, 2007.

Machine Intelligence Unit

Chakraborty, Gautom, IWATE State University, Japan, January 01 - 04, 2007.

Girolami, Mark A., Department of Computing Science, University of Glasgow, UK, September 24 – 29, 2006.

Masulli, Francesco, University of Genova, Italy, November 22 - 25, 2006.

Mitra, Suman K., Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, May 17 - July 16, 2006.

Physics and Earth Sciences Division

Physics and Applied Mathematics Unit

Bagchi, Arunava, University of Twente, The Netherlands, September 15 – November 14, 2006.

De, Bhaskar, Institute of Mathematical Sciences, Chennai, February 01 – May 31, 2006.

Panda, T. C., Berhampur University, Orissa, November 09 – 11, 2006.

Sarma, Jnanjyoti, R. G. Barua College, Guhawati, September 19 - November 24, 2006.

Suresh Kumar, K., Indian Institute of Technology, Mumbai, October 19 - 27, 2006.

Umavathi, J., Gulbarga University, Karnataka, November 19 – 26, 2006.

Biological Sciences Division

Biological Anthropology Unit

Mascie-Taylor, C. G. N., Cambridge University, USA, January 10 - 12, 2007.

Weitz, C. A., Temple University, USA, July 08 - 28, 2006.

Human Genetics Unit

Mano, S., Graduate School of Natural Sciences, Japan, February 19 – March 31, 2007.

Social Sciences Division

Economic Research Unit

Bhattacharjee, Arnab, University of St. Andrews, UK, January 08 – 12, 2007.

Bose, Amitava, Indian Institute of Management, Kolkata, Since January 01, 2007.

Chakrabarty, Debajyoti, University of Sydney, Australia, October 30 – November 03, 2006.

Chakrabarty, Manisha, Keele University, UK, March 07 - July 31, 2006.
Ghatak, Maitreesh, London School of Economics, UK, July 26 – August 31, 2006.

Ganguly, Partha, University of Western Sydney, NSW, Australia, July 14 – 21, 2006.

Ghosh, Arghya, The University of New South Wales, Australia, June 28 – July 07, 2006.

Visiting Scientists

Raut, Lakshmi Kanta, California State University, Fullerton, USA, October 20 – 31, 2006.

Sinha, Uday Bhanu, Delhi School of Economics, Delhi, May 25 – June 09, 2006.

Sengupta, Sarbajit, Visva Bharati University, Santiniketan, Since January 01, 2007.

Linguistic Research Unit

Chakrabarti, Suniti, University of Birmingham, UK, August 25, 2006.

Musa, Mansur, Ex-Vice Chancellor of Dhaka University and the President of Bangla Academy, Bangladesh, November 06, 2006.

Sen, Nandini, Child Rehabilitation Centre, West Bengal, August 26, 2006.

Zaheen, Arnab, BRAC University, Bangladesh, July 04 - 05, 2006.

Planning Unit, Delhi

Bardsley, Peter, University of Sydney, Australia, November 05 – 12, 2006.

Basu, Kausik, Cornell University, USA, July 06 – August 01, 2006.

Basu, Kausik, Cornell University, USA, January 01 - July 31, 2007.

Bhattacharya, Subhendu, Life Insurance Corporation of India, May 23 – 31, 2006.

Can, Burak, Bilgi University, Istanbul, Turkey, December 21 – 24, 2006.

Chakraborty, Archishman, Baruch College, New York, December 03 – 17, 2006.

Dasgupta, Indraneel, University of Nottingham, UK, November 20 – December 01, 2006.

Dechenaux, Emmanuel, Kent State University, USA, July 03 – August 04, 2006.

Delagado, Miguel, University of Carlos, Madrid, Spain, January 01 – 12, 2007.

Dimitrov, Dinko, University of Bielefeld, Germany, February 01 – March 31, 2007.

Dutta, Bhaskar, University of Warwick, UK, January – February 2007.

Eswaran, Mukesh, University of British Columbia, Canada, February 01 – 28, 2007.

Engineer, Merwan, University of Victoria, Canada, March 01 – 22, 2007.

Gemma, Masahiko, Waseda University, Japan, December 15 – 22, 2006.

Ghosh, Parikshit, University of British Columbia, Canada, August 01, 2006 – July 31, 2007.

Kar, Anirban, University of Warwick, UK, January 29 – February 25, 2007.

Lahiri, Amartya, University of British Columbia, Canada, November 06 – December 10, 2006.
Maniquet, Francois Catholic University of Lovain, February 12 - 23, 2007.

Marchant, Thierry, University of Ghent, Belgium, August 17 – 24, 2006.

Mookherjee, Dilip, Boston University, USA, July 23 – August 02, 2006.

Niccolo, Antonio, University of Padua, Italy, March 15 – April 05, 2007.

Oak, Mandar, Williams College, USA, June 29 – July 01, 2006.

Ozyurt, Selcuk, Bilgi University, Istanbul, Turkey, December 21 – 24, 2006.

Rashmi, Shankar, Brandeis University, USA, March 07 – May 31, 2006.

Raut, Lakshmi K., Social Security Administration, Washington D.C., USA, November 01 – 12, 2006.

Remaekers, Eve University of Namur, Belgium, February 12 - 23, 2007.

Roy, Jaideep, University of Lancaster, UK, June 17 – July 20, 2006.

Sanver, Remzi, Bilgi University, Istanbul, Turkey, December 21 – 24, 2006.

Wright, Stephen Hurst, University of London, UK, February 06 – March 12, 2007.

Yilaukaya, Okan, University of British Columbia, Canada, December 06 – 20, 2006.

Psychology Research Unit

Basak, Chandra Mallika, Beckman Institute, University of Illinois at Urbana - Champaign, USA, May 03, 2006.

Chatterji, Madhabi,Teachers College, Columbia University, New York, USA, January 22, 2007.

Chattopadhyay, Rachana, School of Social Psychology, Australian National University, Canberra, November 20, 2006.

Leader, Natalie, Speech Pathologist, Australia, December 06, 2006.

Skille, Olav., President, International Society for Vibro Acoustic, Norway, December 06, 2006.

Statistical Quality Control and Operations Research Division

SQC & OR Unit, Coimbatore

A four-member Columbian Quality & Productivity Team, Columbia, March 15 –19, 2007.

Werner, Webber, Managing Director, Rieter Lakshmi Machine Works, November 19, 2006.

SQC & OR Unit, Delhi

Kabadi, Santosh N., University of New Brunswick, Canada, July 21 – 25, 2006.

Murty, Katta G., Department of Industrial and Operations Engineering, University of Michigan, USA, January 09 – 19, 2007.

Visiting Scientists

Mallik, Saroj B., Delhi University, New Delhi, May - July, 2006 and September 2006.

SQC & OR Unit, Kolkata

Min, Xie, National University of Singapore, Singapore, 20 - 22 December, 2006.

Library, Documentation and Information Sciences Division

Documentation, Research and Training Centre (DRTC)

Amba, S., Scientist (Retd.) CLRI, Chennai, January 02, 2007 - February 28, 2007.

Asundi, A.Y., Professor (Retd.), DLIS, Bangalore University, Bangalore, April – June, 2006

Gamage, Premila, Librarian, Institute of Policy Studies, Colombo, Sri Lanka, November 06 -15, 2006.

Kretschmer, Hildrun, Professor, Department of Library & Information Science, Humboldt-University of Berlin, Germany, December 08 -16, 2006.

Ileperuma, Sriyani, Scientist (Library), University of Peradeniya, Sri Lanka, November 06 -15, 2006.

Moorthy, A. Laxman, Director, DESIDOC, New Delhi, May 17, 2006.

Osswald, Achim, University of Applied Science, Institute for Information Science, Germany, November – December 2006.

Center for Soft Computing Research: A National Facility

Binford, Thomas O., Read-Ink Technologies Pvt. Ltd., USA and India, July 31 - August 02, 2006.

Brady, Sir Michael, Department of Engineering Science, Oxford University, Oxford, UK, March 03 - 09, 2007.

Buxton, B.F., University College London, London, UK, March 05 - 07, 2007.

Ghosh, Joydeep, University of Texas, Austin, USA, August 15 - 17, 2006.

Girolami, Mark A., University of Glasgow, UK, September 23 - October 05, 2006.

Mandal, Atanendu S., Central Electronics Engineering Research Institute, Pilani, July 09 -11, 2006.

Mitra, Suman K., Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, May 17 - July 16, 2006.

Pedrycz, Witold, Department of Electrical & Computer Engineering, University of Alberta, Alberta, Canada, March 05 - 07, 2007.

Zhang, David, Department of Computing, Hong Kong Polytechnic University, Hong Kong, China, March 05 - 07, 2007.

Zhang, Xuegong, FIT 1-107 Bioinformatics Division Tsinghua University, China, March 05 - 07, 2007.

HONOURS AND AWARDS

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Sinha, B. K.
Selected : Member, National Statistical Commission, Government of India.

Bose, A.
Elected : Fellow, Indian National Science Academy.

Stat-Math Unit, Delhi

Bhatia, R.
Awarded : J. C. Bose National Fellowship, Department of Science and Technology (DST), New Delhi.

Bhatt, A. G.
Awarded : SCOPUS Young Scientist Award 2006 by Elsevier Publications, India.

Pal, A.
Awarded : B. M. Birla Science Prize in Mathematics for the year 2005 by B. M. Birla Science Centre, Hyderabad.

Sinha, K. B.
Awarded : Bhatnagar Fellowship of the CSIR for 5 years in 2006.

Applied Statistics Division

Applied Statistics Unit

Sarkar, P.
Awarded : B. M. Birla Science Prize in Mathematics for the year 2005 by B. M. Birla Science Centre, Hyderabad.

SenGupta, A.
Elected : President, International Indian Statistical Association, India Chapter, 2006-2007; Awarded: Institutional Prize of Institute of Engineers, India.

Bayesian and Interdisciplinary Research Unit

Basu, A.
Awarded : C. R. Rao National Award in Statistics for 2006-07, Ministry of Statistics and Programme Implementation, Government of India.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bhattacharya, B. B.
Elected : Fellow, Institution of Electrical and Electronics Engineers Inc., USA.

Honours and Awards

Sur-Kolay, S.
Elected : Distinguished Visitor (India) of the IEEE Computer Society.

Mandal, P. S.
Awarded : Young Scientist Award, Indian Science Congress Association.

Computer Vision and Pattern Recognition Unit

Bhattacharya, U.
Awarded : Amiya K. Pujari Award, Orissa Information Technology Society (OITS).

Chaudhury, B. B.
Elected : Fellow, Indian National Science Academy.

Garain, U.
Awarded : Young Engineer Award, Indian National Academy of Engineering (INAE).

Machine Intelligence Unit

Pal, S. K.
Awarded : J. C. Bose National Fellowship, Department of Science of Technology (DST), New Delhi.

Mitra, S.
Elected : Fellow, India National Academy of Engineering, New Delhi.

Maji, P., Kundu, M. K.
Awarded : Best Paper Award, the Institution of Engineering and Technology (IET), UK.

Physics and Earth Sciences Division

Physics and Applied Mathematics Unit

Mazumder, B. S.
Elected : Fellow, Indian Society for Hydraulics, Pune.

Biological Sciences Division

Biological Anthropology Unit

Reddy, B. M.
Selected : Honorary Professor of Biotechnology, Mahatma Gandhi National Institute of Research and Social Action, Hyderabad.

Human Genetics Unit

Majumder, P. P.
Elected : Fellow, National Academy of Sciences, Allahabad.

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Social Sciences Division

Economic Research Unit

Coondoo, D.
Selected : Non-official member for the period December 2006 – December 2009 of the Steering Committee for National Sample Surveys set up by the National Statistical Commission.

Chakravarty, S. R.
Selected : External Expert in National Council for Evaluating Social Development Policy, Coneval, Mexico.

Planning Unit, Delhi

Ramaswami, B.
Awarded : Mahalanobis Memorial Medal by The Indian Econometric Society.

Somanathan, E.
Elected : Fellow, SANDEE (South Asian Network for Development and Environmental Economics).

Centre for Soft Computing Research

Chanda, B.
Awarded : Best Paper Award, the Institution of Engineering and Technology (IET), UK.

9. EDITORIAL AND OTHER SCIENTIFIC ASSIGNMENTS

EDITORIAL ASSIGNMENTS

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Barua, R. and Tanje, T. (eds.) : *Proceedings of the 7th International Conference on Cryptology in India, INDOCRYPT06*, LNCS Vol. 4329, Springer, pages 454, 2006.

Bose, A. : (Editor) *Sankhyā;* (Member, Editorial Board) *Advances in Statistical Analysis.*

Chaudhuri, P. : (Editor) *Sankhyā;* (Member, Editorial Board) *Advances in Statistical Analysis.*

Maulik, K. : (Technical Editor) *Sankhyā.*

Stat-Math Unit, Delhi

Bhatia, R. : (Senior Editor) *Linear Algebra and Its Applications;* (Editor) *SIAM Journal on Matrix Analysis and its Applications; Operator and Matrices; Mathematical Inequalities and Their Applications;* (Managing Editor) *Texts and Readings in Mathematics.*

Roy, R. : (Co-editor) *Sankhyā;* (Associate Editor) *Journal of Applied Mathematics.*

Stat-Math Unit, Bangalore

Misra, G. : (Editor) *Proceedings of Indian Academy of Sciences (Mathematical Sciences); Complex Analysis of Operator Theory.*

Jeganathan, P. : (Associate Editor) *Econometric Theory.*

Applied Statistics Division

Applied Statistics Unit

Biswas, A. : (Associate Editor) *Sequential Analysis; Communications in Statistics.*

Bose, M. : (Co-editor) *Sankhya.*

Dewanji, A. : (Co-editor) *Sankhyā.*

Sengupta, D. : (Co-editor and Technical Editor) *Sankhyā.*

SenGupta, A. : (Editor-in-Chief) *Journal of the Indian Society for Probability and Statistics;* (Editor) *Scientiae Mathematicae Japonicae;* (Associate Editor) *Statistics and Applications; Journal of Statistical Distributions; Journal of Indian Statistical Association; Stochastic Models and Applications; Bulletin of the Calcutta Mathematical Association;* (Guest Editor) *Environmental and Ecological Statistics.*

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Sinha, B. P. : (Subject Area Editor) *Journal of Parallel and Distributed Computing.*

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Computer Vision and Pattern Recognition Unit

Chaudhuri, B. B. : (Associate Editor) *International Journal of Pattern Recognition and Artificial Intelligence; International Journal of Document Analysis and Recognition; Pattern Recognition; International Journal of Computer Vision, VIVEK.*

Pal, U. : (Guest Editor) *Electronic Journal on Computer Vision and Image Analysis.*

Electronics and Communication Sciences Unit

Pal, N. R. : (Editor-in-Chief) *IEEE Transactions on Fuzzy Systems; (Associate Editor) IEEE Transactions on Systems; Man & Cybernetics-B; International Journal of Approximate Reasoning.*

Machine Intelligence Unit

Mitra, S. : (Associate Editor) *Neurocomputing; Journal of Computational Intelligence in Bioinformatics.*

Pal, S. K. : (Associate Editor) *Pattern Recognition Letters; International Journal of Pattern Recognition and Artificial Intelligence; Fuzzy Sets and Systems; Applied Intelligence; Fundamenta Informaticae; International Journal Computational Intelligence & Applications; Information Sciences and (Executive Advisory Editor) IEEE Transactions on Fuzzy Systems; International Journal of Approximate Reasoning; International Journal of Image and Graphics.*

Biological Sciences Division

Agricultural and Ecological Research Unit

Banik, P. : (Associate Editor) *World Journal of Agricultural Sciences.*

Social Sciences Division

Economic Research Unit

Chakravarty, S. R. : (Member) *Editorial Advisory Board for the Book Series Economic Studies in Inequality, Social Exclusion and Well-Being, Springer-Verlag;* (Associate Editor) *Economics-ejournal, Kiel Institute for the World Economy,* Germany.

Linguistic Research Unit

Dasgupta, P. : (Senior Associate Editor) *Yearbook of South Asian Languages and Linguistics;* (Editor) *Language Problems and Language Planning.*

Planning Unit, Delhi

Somanathan, E. : (Associate Editor) *Environment and Development Economics.*

Population Studies Unit

Pathak, P. : (Assistant Editor) *Indian Journal of Regional Science.*

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Editorial and other Assignments

SCIENTIFIC ASSIGNMENTS/ACADEMIC VISITS ABROAD

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Bagchi, S. C., Dutta, M., Goswami, D., Mukherjee, G., Sarkar, R. P. and Srivastava, S. M.
The International Congress of Mathematics 2006 (ICM 2006), Madrid, Spain, August 21 – September 01, 2006.

Bose, A.
Department of Economics, University of Cincinnati, USA, June 13 – July 13, 2006.

Chaudhuri, P.
The International Centre for Mathematical Sciences, Edinburgh, UK, June 19 - 23, 2006; University College London (UK) and Carnegie Mellon University (USA), October 25 - November 02 2006; University of Tromsoe, Norway, February 10 - 16, 2007.

Goswami, D.
International Centre for Theoretical Physics, Trieste, Italy, March 02 – 09, 2007 and March 25 – April 14, 2007.

Mukherjee, G.
Osaka City University, Japan, May 29 – June 09, 2006.

Sinha, B. K.
University of Illinois, USA, April - May, 2006; University of Tampere, Finland, June 25 - July 07, 2006; Mahidol University, Thailand, August 14 -16, 2006.

Stat-Math Unit, Delhi

Bapat, R. B.
The Institute of Mathematics, Academia Sinica and Fu Jen University, Taipei, Taiwan, November 27 - December 08, 2006.

Bhatia, R.
The International Congress of Mathematics 2006 (ICM 2006), August 17 - September 01, 2006; The University of Bielefeld, Germany, September 01 - 15, 2006; Visited Seoul National University, Kyungpook University, Pusan National University and attended the Global Korea Day organised by Korean Mathematical Society, October 30 - November 03, 2006: The Iranian Conference on Linear Algebra and Wavelets, Rafsanjan, March 06 - 09, 2007.

Bhatt, A. G.
The International Congress of Mathematics 2006 (ICM 2006), Madrid, Spain, August 21 – September 01, 2006.

Das, A.
Department of Statistics, University of Akron, Akron, Ohio, USA, January 15 - May 15, 2007.

Dewan, I.
The University of Hongkong, November 28 - December 08, 2006.

Kochar, S. C.
Portland State University, USA, September 05, 2005 – September 4, 2006.

Pal, A. K.
Isaac Newton Institute for Mathematical Sciences, UK and University of Southampton UK, July 31 - September 28, 2006.

Roy, R.
Universitat Autonoma de Barcelona, Spain and ETH, Zurich, Switzerland, June 20 - August 17, 2006.

Stat-Math Unit, Bangalore

Athreya, S.
Department of Mathematics and Statistics, York University, Canada, September 11 - October 03, 2006; Beckham Centre, Irvine, USA, January 15 – 19, 2007.

Misra, G.
West University of Timisoara, Romania, June 28 - July 06, 2006; Santiago de Compostela, Spain, August 19 – 20, 2006; The International Congress of Mathematics 2006 (ICM 2006), Madrid, Spain, August 22 - September 01, 2006; CUNY, USA, November 23 – December 07, 2006.

Raja, C. R. E.
Carleton University, Canada, July 21, 2005 – July 20, 2006.

Rajarama Bhat, B. V.
The International Congress of Mathematics 2006 (ICM 2006), Madrid, Spain, August 21 – 31, 2006.

Rao, T. S. S. R. K.
The International Congress of Mathematics 2006 (ICM 2006), Madrid, Spain, August 21 - September 01, 2006.

Sury, B.
Max Planck Institute of Mathematics, Bonn, Germany, February 01 - March 31, 2007.

Thakur, M.
Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, May 15 - July 28, 2006.

Applied Statistics Division

Applied Statistics Unit

Biswas, A.
University of Tokyo, Japan, June 2006; University of Rome, Italy, August 2006; National University of Singapore and University of Malaya, Kuala Lumpur, Malaysia, February 2007.

Bose, M.
Department of Statistics and Actuarial Science, University of Waterloo, Canada, July – August 2006.

Maitra, S.
Deakin University, Australia, September 24 – 29, 2006; Nominated as one of the Indian Experts to discuss cooperation possibilities between India and Japan in the areas of Biotechnology, Nanotechnology, Information and Communication Technology, December 16-17, Tokyo, Japan.

Sarkar, P.
IEEE International Symposium on Circuits and Systems, ISCAS 2006, Greece, May 21 - 26, 2006; The 2nd SKLOIS Conference on Information Security and Cryptology, Inscrypt 2006, Beijing, China, November 29 - December 01, 2006; Invited Speaker for the 9th International Conference on Information Security and Cryptology, Busan, Korea, December, 2006.

Editorial and other Assignments

SenGupta, A.
University of California, Riverside, USA, January – August, 2006; Univeristy of Georgia, USA, June 2006; Institute of Statistical Mathematics, Tokyo, October, 2006; Keio University, Japan, 2006.

Bayesian and Interdisciplinary Research Unit

Basu, A.
National University of Singapore, May 25 – June 02, 2006; Tamkang University, Taiwan, July 04 – August 03, 2006; Universidad Complutense de Madrid, Spain, March 17 – 23, 2007; Bielefeld University, Germany, March 27 – 30, 2007.

Purkayastha, S.
University of Michigan, Ann Arbor, USA, September 2005 – May 2006.

SahaRay, R.
Department of Statistics, Washington State University, Pullman, Washington, USA, June 12 – July 15, 2006; University of South Alabama, Mobile, Alabama, USA, December 17, 2006 – May 31, 2007.

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Das, S.
Department of Mathematics, University of Bourgogne, France, November 2005 - October 2006.

Computer Vision and Pattern Recognition Unit

Bhattacharya, U.
Computer Science Department, Bristol University, UK, October 30 - 31, 2006; Department of Electronics, University of Kent, Canterbury, UK, November 01, 2006; Department of Computer Science, University of Essex, UK, November 02 - 03, 2006.

Chaudhuri, B. B.
University of Rennes, France, October, 2006.

Garain, U.
Université de ROUEN, France, May - June, 2006.

Pal, U.
Mie University, Japan; International Conference on Pattern Recognition (ICPR-2006), Hong Kong; La baole, Center de congress, France; 10th International Workshop on Frontiers in Handwriting Recognition (IWFHR-10); Gifu University, Japan.

Palit, S.
2nd IEEE International Conference on Document Image Analysis for Libraries, Lyon, France, April 27 - 28, 2006; University of Limoges, France, April 30 – May 02, 2006; Université de ROUEN, France, May 04 – 05, 2006.

Electronics and Communication Sciences Unit

Mukherjee, D. P.
Centre for Intelligent Mining Systems, Department of Computing Science, University of Alberta, Edmonton, Canada, January - July, 2006.

Chanda, B.
21st Annual ACM Symposium on Applied Computing (SAC'06) and IEEE International Conference on Document Image Analysis for Libraries (DIAL'06), France, April 20 - 28, 2006.

Pal, N. R.
A Plenary Talk at the 2006 IEEE International Conference on Fuzzy Systems, IEEE World Congress on Computational Intelligence, July 16 - 21, 2006; Chair Professor at the National Chiao Tung University, Taiwan, October 01, 2006 - March 31, 2007; A Plenary Talk at the 2006 IEEE International Conference on Systems, Man and Cybernetics, October 08 - 11, 2006; Nanyang Technological University, Singapore, December 04 - 06, 2006; 9th International Conference on Control, Automation, Robotics and Vision, ICARCV'06, Singapore; Meeting of the IEEE Computational Intelligence Society, San Diego, USA, December 08 - 11, 2006.

Machine Intelligence Unit

Ghosh, A.
University of Trento, Italy, April 01 - 18, 2006; Yonsei University, Korea, December 26, 2006 - January 26, 2007.

Uma Shankar, B.
University of Trento, Italy, January 08 - March 31, 2007.

Bandyopadhyay, S.
School on Financial Time Series, University Kebangsaan Malaysia and Open University of Malaysia, Kuala Lumpur, Malaysia, May - June, 2006; Tsinghua University, China, July – August, 2006.

Physics and Earth Sciences Division

Geological Studies Unit

Patranabis Deb, S.
Indiana University and Syracuse University, USA, April 14 – May 05, 2006.

Physics and Applied Mathematics Unit

Das, P. K.
Wroclaw University, Poland, September 29 – October 15, 2006.

Ghosh, S.
Universite Paul Verlaine-Metz, France, May 28 – June 16, 2006; International Centre for Theoretical Physics, Trieste, Italy, June 18 – July 25, 2006.

Roy, S.
George Mason University, USA, May 24, 2006 – May 24, 2007.

Biological Sciences Division

Agricultural and Ecological Research Unit

Chattopadhyay, J.
University of Torino, Italy, October 07 - November 06, 2006.

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Human Genetics Unit

Ghosh, S.
Cardiff University, Cardiff, UK, April 05 - 07, 2006; Washington University School of Medicine, St. Louis and National Institute of Health, Bethesda, USA, June 05 -16, 2006; Mcgill University, Montreal, Canada, July 16 - 23, 2006; American Society of Human Genetics Meeting, New Orleans, USA, October 09 - 13, 2006; Genetic Analysis Workshop and International Genetic Epidemiology Society Meeting, Tampa, USA, November 11 - 17, 2006; Mahidol University, Bangkok, Thailand, March 18 - 24, 2007.

Social Sciences Division

Economic Research Unit

Chakravarty, S. R.
Bar Ilan University, Ramat Gan, Israel, May 21-June 02, 2006; Bocconi University, Milan, Italy, September 01, 2006 – February 28, 2007.
Dasgupta, D.
Kobe University, Japan, Hong Kong City University, Hong Kong, and National University of Economics, Vietnam, July 19 – August 04, 2006.

Ghosh, B.
Development Research Institute (TDRI), National Institute of Development Administration, Bangkok, December 03 –10, 2006.

Maiti, P.
New University of Lisbon and Polytechnic Institute of Tomar, Lisbon, Portugal, August 28 – September 08, 2006.
Mitra, M.
University of Warwick, University of Birmingham and University of York, UK, June 05 – 16, 2006; University of New South Wales and University of Sydney, Australia, July 08 – August 11, 2006.

Linguistic Research Unit

Dasgupta, P.
University of Hartford, Hartford, Connecticut, USA, October 20-21, 2006; University of Utrecht, Netherlands, November 17-19, 2006.

Planning Unit, Delhi

Ghate, C.
University of the Mediterannean (Aix-Marseilles II), Marseilles, France, June 14-18, 2006; 15th Silvaplana Workshop in Political Economy, Switzerland, July 25 – 29, 2006; Max Planck Institute of Economics, Germany, August 01 – September 15, 2006; Universidad Complutense de Madrid, Spain, October 20 – 31, 2006.

Ramaswami, B.
Waseda University , Tokyo, Japan, January 22 – 26, 2007.

Roy Chowdhury, P.
University of Sydney, Australia, August – September, 2006.

Somanathan, E.
AIT, Bangkok, June 27 – July 02, 2006; Universiti Sains Malaysia, Penang, Malaysia and University of Kyoto, Japan, July 03 – 08, 2006; Yale University, USA, October 20 – 22, 2006.

Psychology Research Unit

Ghosh, A.
Anargyrios & Korgialenios School of Psychology, Isle of Spetses, Greece, July 08 – 15, 2006; University of Athens, Greece, July 16 – 21, 2006; Inha University, Incheon, South Korea, October 26 – November 01, 2006.

Gupta, R.
Society for the Study-of School Psychology, New York, USA, March 25 – 26, 2007.

Sociological Research Unit

Bharati, S.
Third International Conference on Economics and Human Biology, Strasbourg, France, 22-24 June, 2006.

Chattopadhyay, M.
XVI ISA World Congress of Sociology, Durban, South Africa; University of Western Cape, Cape Town, South Africa, 22 July – 04 August, 2006.

Ramachandran, V. K.
Chinese Academy of Social Sciences, Tsinghua University and University of Hongkong, August 2006.

Shome, S.
Third International Conference on Economics and Human Biology, Strasbourg, France, 22-24 June, 2006.

Statistical Quality Control and Operations Research Division

Anis, M. Z.
New University of Lisbon, Portugal, August 30 - 31, 2006; Polytechinc Institute of Tomar, Lisbon, Portugal, September 01 - 06, 2006.

Chaudhuri, A. K.
Philips Semiconductor, Taiwan, July 05 – 09, 2006; Philips Semiconductor, Calamba, Philippines, August 01 - 04, 2006; Samara Cable Company, Russia, November 23 - 29, 2006.

Library, Documentation and Information Science Division

Documentation Research and Training Centre, Bangalore

Raghavan, K. S.
Nanyang Technological University, Singapore, April 03 – 06, 2006.

Library, Bangalore Centre

Krishnamurthy, M.
University of Extremadura, Merida, Spain, October 27 – 28, 2006; University of Granada, Merida, and Open Institute of Knowledge, Spain, October 29, 2006; National Library of France, Paris, October 30, 2006; Willkommen Bei der Deutscen National Bibliothek, Frankfurt, Germany, October 2006.

Editorial and other Assignments

SCIENTIFIC ASSIGNMENTS/ACADEMIC VISITS IN INDIA

Theoretical Statistics and Mathematics Division

Stat-Math Unit, Kolkata

Barua, R.
Gave an invited talk at Defence Institute of Advanced Technology, Pune, September 08 -10, 2006;
Gave an invited talk at Central Mechanical Research Institute, Durgapur, January 01, 2007; Gave an
invited talk at Harish Chandra Research Institute, Allahabad, February 23 - 27, 2007.

Basak, G. K.
Institute of Mathematics Initiative, Indian Institute of Science, Bangalore, August 27 – September 08,
2006.

Chaudhuri, P.
Pune University, January 29 - February 02, 2007; Kalyani University, March 28 - 30, 2007.

Datta, M.
University of Mumbai, January 19 - 20, 2007.

Goswami, D.
Institute of Mathematical Sciences, Chennai for two weeks in January, 2007; Tata Institute of
Fundamental Research, Mumbai, January 20 - 26, 2007.

Maulik, K.
Banasthali Vidyapith, Jaipur, December 05 – 10 2006; Indian Institute of Science, Bangalore, March
26 – 30, 2007.

Stat-Math Unit, Delhi

Bandyopadhyay, A.
National Institute of Advanced Studies, Bangalore, October 15 - 26, 2006.
Bhatia, R.
The Ramanujan Mathematical Society, Rohtak, December, 2006; Indian Institute of Technology,
Kharagpur, January, 2007; Indian Institute of Technology, Delhi, January, 2007.

Dewan, I.
Pune University, June 2006; Delhi University, January, 2007.

Dey, A.
Delhi University, January, 2007.

Nandi, S.
Indian Institute of Technology, Kanpur, February 16 - 17, 2007.

Pal, A. K.
The Institute of Mathematical Sciences, Chennai, November 16 - 30, 2006 and January 08 – 19, 2007;
Tata Institute of Fundamental Research, Mumbai, January 20 - 27, 2007.

Roy, R.
Indian Institute of Science, Bangalore, October 16 - 23, 2006; Tata Institute of Fundamental Research,
Mumbai, November 28 - 29, 2006; Utkal University, Bhubaneshwar, January 03 - 09, 2007; Indian
Institute of Technology, Kanpur, February 14 - 16, 2007.

Stat-Math Unit, Bangalore

Athreya, S.
Institute of Mathematical Sciences, Chennai, June 05 - 09, 2006; Discussion Meeting on Mathematical Finance, Coorg, November 29 - December 01 2006; Tata Institute of Fundamental Research, Mumbai, December 11 - 15, 2006.

Bagchi, B.
University of Bombay, Mumbai, January 14 - 17, 2007.

Bagchi, S.
New Delhi, December 26 - 29, 2006.

Misra, G.
Tata Institute of Fundamental Research, Mumbai, April 18 - 27, 2006; Indian Institute of Technology, Kanpur, December 21 - 22, 2006.

Raja, C. R. E.
Periyar University, Salem, March 12, 2007.

Rajarama Bhat, B. V.
Tata Institute of Fundamental Research, Mumbai, January 22 - 25, 2007.

Rajeev, B.
Discussion Meeting on Mathematical Finance, Coorg, November 29 - December 01, 2006

Ramasubramanian, S.
Discussion Meeting on Mathematical Finance, Coorg, November 28 - December 03, 2006

Rao, T. S. S. R. K.
Periyar University, Salem, March 12 - 13, 2007.

Applied Statistics Division

Applied Statistics Unit

Biswas, A.
Department of Statistics, Cochin University of Science and Technology, January 2007.

SenGupta, A.
Cochin University of Science and Technology, January 2007; ISPS Annual International Conference, Tirupati, January 2007; Workshop on Statistical Methods for Defence Applications, Indian Institute of Technology, Kharagpur, January 2007; Conference on e-governance, Lucknow, February, 2007.

Bayesian and Interdisciplinary Research Unit

Adhikary, A.
University of Calcutta, December 31, 2006.

Basu, A.
University of Calcutta, December 31, 2006.

Purkayastha, S.
University of Hyderabad, October 03 – 04, 2006.

Editorial and other Assignments

Computer and Communication Sciences Division

Advanced Computing and Microelectronics Unit

Bhattacharya, B. B.
General Chair for the International Symposium or Algorithms and Computation (ISSAC 2006); A Track Chair for International Conference on Computing: Theory and Applications (ICCTA 2007).

Das, N.
Program Chair of IEEE WIE National symposium on Emerging Technology (WieNSET) 2007.

Sinha, B. P.
Tutorial Chair of AACC 2006 and Asian International Mobile Computing Conference (AMOC 2006).

Sur-Kolay, S.
An Associate Chair of Track I on Algorithms and Architectures in the ISI Platinum Jubilee Conference on Computing: Theory and Applications, 2007; Program Co-Chair for 11th International Symposium on VLSI Design and Test 2007.

Computer Vision and Pattern Recognition Unit

Bhattacharya, U.
Chaired the session "Image Processing–6" at the 41st Annual National Convention of Computer Society of India (CSI – 2006), Kolkata, November 25, 2006.

Mitra, M.
A plenary lecture on "Information Storage and Retrieval" at the National Conference on Information Management in Digital Libraries (NCIMDiL), Indian Institute of Technology, Kharagpur, August 02, 2006; An invited lecture on "Web Mining for Business Intelligence", Indian Institute of Management, Ahmedabad, October 06, 2006; An invited lecture on "Text Mining and its Applications to E-Commerce" at a one-day workshop on Managing Next Generation Networks, Jadavpur University, Kolkata, November 04, 2006; A plenary lecture on "Digital Libraries" at the 41st National Annual Convention of Computer Society of India, November 25, 2006; An invited lecture on "Information Retrieval for Digital Libraries" at the Workshop on Digitising Texts in Editable Format, Jadavpur University, Kolkata, February 08, 2007.

Pal, U.
Delivered a Key-note address at National Conference on Intelligent System (NICS-2007) at Institute of Advance Computer and Research (IACR), Orissa, February 16 - 17, 2007; Gave a tutorial talk on "Document Image Analysis" and chaired two sessions at the IEEE-International Conference on Signal and Image Processing (ICSIP-06), B. M. Bhoomaraddi College of Engineering and Technology, Karnataka, December 07 – 09, 2006; Delivered an invited talk at the International Symposium of Cognition and Recognition, PES School of Engineering, Karnataka, December 29 - 30, 2006; Chaired a session of 41st National Annual Convention of the Computer Society of India, Kolkata, November 25, 2006.

Electronics and Communication Sciences Unit

De, A. K.
Chaired a session entitled 'Security & Encryption', 41st National Annual Convention, Computer Society of India, Kolkata, November 23 - 25, 2006.

Pal, N. R.
A visionary talk at the Indo-US workshop on Soft, Quantum and Nano Computing, Dayalbag, Agra, February 21 - 24, 2007.

Machine Intelligence Unit

Bandyopadhyay, S.
An invited speaker at the Short Term Course on Soft Computing Techniques and Applications, NIT Silchar, May 15, 2006; An invited speaker at the National Seminar on Data Mining and Knowledge Discovery, Government College of Engineering and Textile Technology, Serampore, July 15, 2006; An invited speaker at the Short Term Course on Soft Computing Techniques and Applications, Asansol Engineering College, September 05, 2006; IEEE Conference on VLSI and Biosciences Division in John F Welch Technology Centre, GE, Bangalore, January 2007; An invited speaker at the Workshop on Current Trends in Computing Bioinformatics, University Institute of Engineering & Technology, CSJM University, Kanpur, February 24, 2007.

De, R. K.
An invited speaker at the Short Term Course on Soft Computing Techniques and Applications, NIT Silchar, May 16 -17, 2006; An invited lecture at the Asansol Engineering College, Asansol, June 23, 2006; An invited speaker at the National Seminar cum Workshop on Bioinformatics, Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswar, January 24, 2007.

Ghosh, A.
An invited lecture at Mysore University, Karnataka, May 15, 2006; An invited lecture at a National Workshop in Soft Computing, Krupajal Engineering College, Orissa, September 03, 2006; An invited lecture at Utkal University, Orissa, December 01, 2006; Two invited lectures at National Conference at F. M. University, Orissa, February 08 - March 26, 2007.

Kundu, M. K.
An invited lecture at the Asansol Engineering College, Asansol, June 23, 2006; IET International Conference on VIE, Bangalore, September 26 - 28, 2006; A lecture as Panel speaker in the Industry-Academia meet at the INFOCOM 2006, NASSCOM meet, Kolkata, December 08, 2006; A keynote address at the National Seminar on Recent Advances in Information Technology (RAIT-2007), Indian School of Mines, Dhanbad, February 26, 2007.

Mandal, D. P.
An invited lecture in the short-term course on "Soft Computing Techniques and Applications", Asansol Engineering College, September 05 - 08, 2006.

Mitra, S.
An invited talk on "Data Mining" at the RCC Institute of Information Technology, Kolkata, April 17, 2006; An invited talk at National Seminar on Data Mining and Knowledge Discovery, Government College of Engineering and Textile Technology, Serampore, July 14, 2006; An invited talk on "Soft Computing", West Bengal University of Technology, Kolkata, December 11, 2006; An invited talk at International Symposium on Cognition and Recognition Technologies, Bangalore, December 30, 2006; An invited talk in an awareness program for bright high-school girl students, organized by IEEE Women in Engineering, Kolkata, January 29, 2007; An invited talk at National Seminar on Advances in Applied Mathematics, University of Calcutta, Kolkata, March 21, 2007.

Murthy, C. A.
An invited speaker at the Short Term Course on Soft Computing Techniques and Applications, Asansol Engineering College, September 7, 2006.

Maji, P.
IET International Conference VIE, Bangalore, September 26 – 28, 2006.

Uma Shankar, B
5th Indian Conference on Computer Vision, Graphics and Image Processing, ICVGIP 2006, Madurai, December 13 - 16, 2006.

Physics and Earth Sciences Division

Geological Studies Unit

Chakraborty, T.
Calcutta University, March 27 – 28, 2007.

Physics and Applied Mathematics Unit

Parashar, P.
Institute of Physics, Bhubaneswar, May 15 – June 09, 2006.

Roy, A. K.
Inter-University Centre for Astronomy and Astrophysics (IUCAA), November 20 – December 01, 2006; S. N. Bose National Centre for Basic Sciences, August 10 – September 09, 2006.

Biological Sciences Division

Biological Anthropology Unit

Mukhopadhyay, B.
University of Pune, Department of Anthropology, February 21 – 23, 2007.

Mukhopadhyay, S.
University of Pune, Department of Anthropology, February 21 – 23, 2007.
Reddy, B. M.
Delhi University, November, 2006; University of Pune, Department of Anthropology, March 07 – 09, 2007.

Human Genetics Unit

Majumder, P. P.
Madras Diabetes Research Foundation, Chennai, April 01 – 02, 2006; Indian Council of Medical Research, New Delhi, September, 09, 2006; Centre for DNA Fingerprinting and Diagnostics, Hyderabad, September, 21, 2006; Benaras Hindu University, Varanasi, October, 29 – 31, 2006; Asiatic Society, Kolkata, November 25, 2006; Centre for Cellular and Molecular Biology, Hyderabad, December 08 – 09, 2006; Indian Council of Medical Research, New Delhi, January 22 – 24, 2007; University of Calcutta, Kolkata, March 06, 2007; Indian Institute of Chemical Biology, Kolkata, March 07 – 09, 2007; Manipal Academy of Higher Education, Manipal, March 17 – 18, 2007.

Roy, B.
Pt. Ravishankar Shukla University, Raipur, February 19 – 24, 2006.

Sengupta, S.
Department of Bio-Physics, Molecular Biology & Genetics, Calcutta University, July 08, 2006; Indian Institute of Chemical Biology, Kolkata, February 14 – 16, 2007.

Social Sciences Division

Economic Research Unit

Coondoo, D.
Indira Gandhi Institute for Development Research (IGIDR), Mumbai, April, June, August, 2006; Planning Commission, Government of India, September, November, 2006; Kolkata Urban Services for the Poor (KUSP), May, June, September, November, December, 2006, January, February, 2007.

Chakrabarti, B. S.
Jawaharlal Nehru University (JNU), New Delhi, February 08-10, 2007.

Chakrabarti, S.
North-East India Council for Social Science Research, Shillong, Meghalaya, December 08-09, 2006.

Chattopadhyay, K.
Shibnath Sastri College, Kolkata.

Das, S.
Institute for Financial Management and Research (IFMR), Chennai, December 18-20, 2006.

Ghosh, B.
Indira Gandhi Institute for Development Research (IGIDR), Mumbai, October 11 –13, 2006; Gokhale Institute of Politics & Economics, Pune, October 15 –16, 2006; National Institute of Technology, Silchar, Assam, October 24–27, 2006; Centre for Studies in Social Sciences (CSSS), Kolkata, December 12–13, 2006.

Kabiraj, T.
Centre for Studies in Social Sciences, Kolkata, July 20-21, 2006; Calcutta University, Kolkata, February 21, 2007; Rabindra Bharati University, Kolkata, March 08-09, 2007.

Majumder, A.
Reserve Bank of India, Mumbai, August 2006; Ministry of Women and Child Development and Indian Institute of Public Administration, New Delhi, March 16-17, 2007.

Mitra, M.
Institute of Financial Management Research, Chennai, December 18-20, 2006.

Mitra, S.
Centre for Studies in Social Sciences, Kolkata, August 2006; International Institute for Population Sciences, Mumbai, December 10-13, 2006.

Sarkar, N.
Ministry of Petroleum & Natural Gas, New Delhi, February 19, 2007.

Economic Analysis Unit, Bangalore

Narayana, N. S. S.
Planning Commission, Government of India, New Delhi, September 21, 2006; Econometric Conference, Mumbai, January, 2007; Sathya Sai Institute for Higher Learning, Prasanthi Nilayam, Andhra Pradesh, February, 2007.

Linguistic Research Unit

Dasgupta, P.
National Institute of Advanced Studies, Bangalore, June 06 - 07, September 22, 2006; Jadavpur University, Kolkata, November 29, 2006, January 18, 2007; Central Institute of Indian Languages, Mysore, December 20, 2006, January 06, 2007; Calcutta University, Kolkata, January 10, 2007; Osmania University Centre for International Programmes, Hyderabad, February 17, 2007; University of Delhi, Delhi, February 24, 2007; Centre for Studies of Civilizations, Guwahati, Assam, March 25, 2007.

Dash, N. S.
IBM Centre, Kolkata, March 06, 2007.

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Editorial and other Assignments

Planning Unit, Delhi

Banerjee, P.
South and South Asia Meeting of the Econometric Society (Chennai), December, 2006.

Ghate, C.
Institute of Financial Management Research, Chennai, December 18 – 20, 2006.

Mishra, D.
Indian School of Business, Hyderabad, February, 2007.

Somanathan, E.
International Centre, Goa, June 19 – 23, 2006.

Population Studies Unit

Mukhopadhyay, B. K.
Department of Statistics and Computer Applications, T. M. Bhagalpur University, May 27, August 26, 2006, February 24, 2007.

Psychology Research Unit

Dutta Roy, D.
CINI International, Kolkata, June 26, 2006; Institute of Public Enterprise, Kolkata, September 14 – 19, 2006; Calcutta Metropolitan Institute of Gerontology, November 02, 2006; Damodar Valley Corporation, Kolkata, January 09, 2007; Rotary Club of Calcutta North Suburban, Kolkata, January 21, 2007; Indian Oil Corporation Ltd., Kolkata, February 21, 2007; Central Board for Workers Education, Kolkata, February 26, 2007.

Ghosh, A.
G. M. College, Sambalpur, November 29, 2006; Step one Foundation for Child & Youth Welfare, Kolkata, December 04, 2006; Department of Psychology, Jamia Milia Islamia, New Delhi, February 15 – 17, 2007; National Institute of Technology, Rourkela, March 24 – 25, 2007.

Sociological Research Unit

Dasgupta, A.
The Asiatic Society; the West Bengal Heritage Commission; the Institute of Development Studies, Kolkata; and the Kolkata Museum at Town Hall.

Ghosh, B. N.
Jadavpur University, Kolkata, August – October, 2006.

Ramachandran, V. K.
The State Planning Board, Government of West Bengal; the State Planning Board, Government of Tripura; the Institute of Development Studies, Kolkata; and Land-use Board, Government of West Bengal.

Swaminathan, M.
Planning Commission, Government of India; Indian Council of Social Science Research, Government of India.

Statistical Quality Control and Operations Research Division

Chaudhuri, A. K.
Nielsen, May, 2006; Hotel Ashok, New Delhi, February 09 – 10, 2007.

Chakraborty, A. K.
Kabi Sukanta Mahavidyalaya, Bhadreswar, March 14, 2007; Indian Institute of Port Management, Kolkata, March 28 - 30, 2007.

Majumdar, S. K.
Confederation of Indian Industries (CII), April 06, 2006; Workshop on E-Governance, Standards & Architecture, Bhubaneswar, Orissa, June 19 – 20, 2006; Chaired a session on "Ph.D thesis's on Multi-objective Programming" in the 'National Conference on Organizational Excellence through Six Sigma' held at Durgapur, July 21 – 22, 2006; 39th Annual Convention on Operations Research-2006, ORSI at Kolkata, January 04 – 06, 2007; UGC sponsored Quality Improvement Programme for Engineering College Teachers at Dept. of Production Engineering, Jadavpur University, January 15 – 19, 2007; Workshop on Data Quality, Petroleum & Planning Analysis Cell, Ministry of Petroleum & Natural Gas, February 19, 2007; Tata Motors, Pune, February 26, 2007.

Rajagopal, A.
M/s Fluid Control Research Institute, November 22, 2006; Madras Christian College, Chennai, March 09, 2007; PSG Institute of Technology, Coimbatore, March 24, 2007.

Sarkar, A.
Mahindra Institute of Quality Management, July 03 – 04, 2006.

Library, Documentation and Information Science Division

Documentation Research and Training Centre, Bangalore

Madalli, Devika P.
DIGITAP, Goa Naval Infn Centre, Goa, April 03 – 04, 2006; DELNET, New Delhi, April 24 – 26, 2006; Max Muller Bhavan, New Delhi, April 22 – 25., 2006; Kerala Agricultural University, Thrissur, June 22, 2006; Indian Institute of Management (IIM), Kozhikode, July 18, 2006; National Centre for Radio Astrophysics, Pune, July 24 – 17, 2006; Cochin University of Science and Technology (CUAST), Cochin, September 15, 2006; IIITMK, Trivandrum, October 13, 2006; ICRISAT, Hyderabad, November 06 – 08, 2006; Society for the Advancement of Library and Information Science (SALIS), Chennai, November 10, 2006; INDEST, Indian Institute of Technology, New Delhi, December 19 – 20, 2006; University of Hyderabad, Hyderabad, December 28 – 29, 2006.

Prasad, A. R. D.
DELNET, New Delhi, April 24 – 26, 2006; Max Muller Bhavan, New Delhi, April 22 – 25, 2006; National Informetic Centre, June 19 – 23, 2006; National Centre for Radio Astrophysics, Pune, July 24 – 17, 2006; ICRISAT, Hyderabad, November 06 – 08, 2006; IASLIC, Kolkata, November 27 – December 01, 2006; INDEST, IIT, New Delhi, December 19 – 20, 2006.

Raghavan, K. S.
NISCAIR, New Delhi, May 16 – 17, 2006; Department of Computer Science, PES Institute of Technology, Bangalore, June 22 – 24, 2006; PESIT, Bangalore, July 13 –14, 2006; DLIS, University of Madars, Chennai, September 01, 2006; International School of Information Management (ISIM), University of Mysore, October 27, 2006; National Library, Kolkata, November 13 – 15, 2006; Pondicherry Central University, Pondicherry, November 24, 2006; Sri Venkateswara University, Tirupati, March 05, 2007; International School of Information Management (ISIM), University of Mysore, March, 13, 2007; University of Callcut, Calicut, March 27 – 28, 2007; Karnataka University, Dharwad, March 29 – 30, 2007.

Ravichandra Rao, I. K.
Department of Computer Science, PES Institute of Technology, Bangalore, June 22 – 24, 2006.

Editorial and other Assignments

Library, Kolkata

Munshi, Usha Mujoo
Ministry of Communication & Information Technology, New Delhi; Indian Institute of Management, Kozhikode, Kerala, July 17 – 19, 2006; Mizoram Central University, Aizwal, November 09 – 10, 2006; Tata Energy Research Institute, New Delhi, December 05 – 08, 2006; Indian Institute of Technology, Delhi, December 19 – 20, 2006; Jadavpur University, Kolkata, March 19 – 23, 2007.

Computer and Statistical Services Centre

Bagchi, A.
An invited talk in National Conference on Recent Trends in Information Systems (ReTIS 2006), July 14 – 15, 2006.

PART III. ADMINISTRATION AND OFFICE BEARERS

10. GENERAL ADMINISTRATION

Administrative Services Division

The Administrative Services Division at the headquarters caters to the various needs of the scientific workers in all the 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 of the Headquarters in Kolkata as mentioned below :

SI. No.	Name of the Unit	SI. No.	Name of the Unit
1.	Accounts Section	10.	Estate Office
2.	Binding Unit	11.	Medical Welfare and Reimbursement Unit
3.	CE (A&F)'s Office	12.	Guest House
4.	Council Section	13.	Personnel Unit
5.	Central Office and Despatch Section	14.	Public Relations Unit
6.	Central Stores	15.	Publication and Printing Unit
7.	Director's Office	16.	Security Unit
8.	Engineering Unit	17.	Telephone Unit
9.	Electrical Maintenance Unit	18.	Transport Unit

Apart from the Units mentioned above, there are some small cells dealing with Budget, House Building Advances, Internal Audit, Import, Travel, 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 :

Director	:	Sankar Kumar Pal
Professors-in-Charge of Scientific Divisions	:	Gadadhar Misra (Theoretical Statistics & Mathematics)
		Ayanendranath Basu (Applied Statistics)
		Tarun Kabiraj (Social Sciences)
		Samarendra Bhattacharya (Physics & Earth Sciences)
		Barun Mukhopadhyay (Biological Sciences)
		Bhabatosh Chanda (Computer & Communication Sciences)
		Anup Majumder (Head, SQC & OR)
Dean of Studies	:	Bimal K. Roy

Administration

Head, Delhi Centre	:	R.L. Karandikar (upto 30th April, 2006)
		R.B. Bapat (Acting Head) from 01.05.2006
		(Head) from 03.03.2007
Head, Bangalore Centre	:	I.K. Ravichandra Rao (Head) upto 03.03.2007
		(Acting Head) from 04.03.2007
		to 31.03.2007
Chief Executive (A & F)	:	Dulal Chandra Pal

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.	Arijit Chakrabarti	7.	Rajat Mazumder
2.	Probal Dasgupta	8.	Arni S.R.S. Rao
3.	Priyadarshi Banerjee	9.	Mrinal Kanti Das
4.	Usha Mujoo Munshi	10.	Mainak Poddar
5.	Debasis Mishra	11.	Sourabh Bhattacharya
6.	Antar Bandyopadhyay		

Non-Scientific Workers

Sl. No.	Name
1.	Santanu Mandal

Retirement/Voluntary Retirement

Scientific/Technical Workers

Sl. No.	Name	Sl. No.	Name
1.	K.B. Sinha	6.	Raj Kumar Roy Choudhury
2.	Biswanath Bhattacharya	7.	Sunil Kr. Basumallik
3.	Aruna Arora	8.	P. Bhimasankaram
4.	Dipankar Dasgupta	9.	Dwarika Prasad
5.	John Verghese	10.	Lakshman Mahankur

Non-Scientific Workers

Sl. No.	Name	Sl. No.	Name
1.	Phani Nandi	17.	Upendra Narayan Thakur
2.	Saroj Kr. Roy Choudhury	18.	Ratan Bahadur Rawat
3.	Mukta Lal Khanra	19.	Vikram Prasad
4.	Paklu Oraw	20.	M.R. Grover
5.	Sonia Oraw	21.	Sudhir Barua
6.	Jogeswar Thakur	22.	Narayan Chandra Jana
7.	Gopal Mandal	23.	Haradhan Paul
8.	Dwijendra Chandra Roy	24.	Ghansu Bhagat
9.	Ram Orawon	25.	John Sharma
10.	Jhubli Oraw	26.	Dulali Modak

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11.	J.M. Pawar		27.	Mira Chakraborty
12.	Murali Majumder		28.	Suresh Chandra Debnath
13.	Basanta Behara		29.	Ramdeo Ram
14.	V. Ranga Reddy		30.	Ramlali Balmiki
15.	Arati Barua		31.	Draupadi Beharani
16.	Gita Rani Kar			

Resignation/Termination

Scientific/Technical Workers

Sl. No.	Name		Sl. No.	Name
1.	R.L. Karandikar		3.	Diganta Mukherjee
2.	Subhas Ch. Kochar			

Non-Scientific Workers

Sl. No.	Name		Sl. No.	Name
1.	M. Anantha Kumar		2.	Munna Ram

Death

Scientific/Technical Workers

Sl. No.	Name
1.	A.R. Rao

Non-Scientific Workers

Sl. No.	Name		Sl. No.	Name
1.	Lakshmamma		4.	Achyut Kr. Basu
2.	Bela Basu		5.	Mahendra Mallick
3.	Minati Banerjee		6.	Gopal Sarkar

Number of workers in the Institute as on 31 March 2007 :

(i)	Scientific and Technical Workers	-	837
(ii)	Non-Scientific Workers	-	439
	Total	:	1276

Budget and Finance

For the year 2006-2007, Section 8(1) Committee recommended Rs.4757.10 lakhs (Government Grant Rs.4577.10 lakhs and ISI internal receipt Rs.180 lakhs) under Non-Plan (BE) and Rs.1669 lakhs under Plan (BE). The Government approved a sum of Rs.4419.73 lakhs (net) and of Rs.1600.00 lakhs for Non-Plan and Plan expenditure respectively. At the revised estimate stage, the Institute sought for a grant of Rs.4753.30 lakhs and Rs.1600.00 lakhs under Non-Plan and Plan respectively which was also recommended by the Section 8(1) Committee. The Government sanctioned a grant of Rs.4743.48 lakhs (including the unutilized amount of Rs.64.55 lakhs during the financial year 2005-2006) under Non-Plan and the Plan allocation was fixed at Rs.1592.00 lakhs (including the unutilized amount of

Administration

Rs.205.82 lakhs during the financial year 2005-2006). 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 2006-2007 have been furnished in Part IV of this report.

Major Construction / renovation works taken up by the Institute during 2006-07

Kolkata

During the period (2006-2007), the Baranagar Works Advisory Committee (BWAC) met four times on 07th June 2006, 29th June 2006, 07th August 2006 and 17th January 2007 to advise and overview the following construction activities :

Construction of Platinum Jubilee Academic Building at ISI

The Institute has taken up the work of construction work of Platinum Jubilee Academic Building Phase I work which includes the structural work of the building. The total work value is Rs.5,51,18,564.92. The piling work is completed & the ground floor roof slab has been casted. The work is in progress.

An amount of Rs.147.94 lakhs has been paid to the concerned agency along with consultancy fees.

Construction of 'D' type Quarters Building at ISI

The construction work of D type quarter (G+3) has been taken up with an amount of Rs.78,73,763.53 at Deluxe Garden Campus. The roof slab for the first floor slab has already been completed. The work is in progress. It is expected to complete by November 2007.

An amount of Rs.16.97 lakhs has already been paid to the agency including consultancy charges.

Renovation/restoration and Preservation of Amrapali Building (Western Side)

Renovation/Restoration and Preservation of Amrapali Building (Western Side) was taken up in the last year & a part of the works was extended to this year. The work was completed during May 2006.

An amount of Rs.34.87 lakhs has already been paid to the concerned agencies including consultancy charges in this financial year.

Renovation & Face Lifting of Dean's Office Class Room at 5th & 7th floor of Library Building

The work of completion renovation of the Dean's Office & class room at 5th & 7th floor was taken up and completed in all respects.

An amount of Rs.13.23 lakhs has been paid to the agency for the complete work during this financial year.

Re-construction of boundary wall at 202 B.T. Road campus along G.L.T. Road at ISI

The part of the reconstruction of boundary wall at 202 along GLT Road was taken up and completed in all respects.

An amount of Rs.10.21 lakhs has been paid to the agency for the complete work during this financial year.

Delhi

During the period (2006-2007), the Delhi Works Advisory Committee met one time on 07th January 2007 to advise and overview the following construction activities :

Land and Construction

1. Major repair, renovation and furnishing of Director's suite in the Guest House.
2. Outer treatment including repair and renovation in Library and Class Room Buildings.

Bangalore

During the period (2006-2007), the Bangalore Works Advisory Committee met seven times on 27th April 2006, 14th June 2006, 24th July 2006, 20th September 2006, 18th October 2006, 13th November 2006 and 15th February 2007 to advise and overview the following construction activities :

1. Addition to the First Floor to the Workers Canteen
2. Parking shed for Bicycles and Scooters for Office Staff and Residents
3. Major repair and renovation to C & D Quarters

Society Type Activities

Membership : April 2006 – March 2007

1) During the period 205 persons became Ordinary Members of the Institute.
2) 46 Ordinary Members became Life Members of the Institute.

The membership position as on 31 March 2007 is as follows :

Ordinary Members	-	1622
Life Members	-	736
Institutional Members	-	10
Total	-	2378

Finance Committee Meetings : The Finance Committee met two times on 25th August 2006, and 10th November 2006 respectively. Besides the decisions taken on various financial matters, the Finance Committee recommended RE 2006-07 and BE 2007-08 (both Plan and Non-Plan) in its meeting held on 25th August 2006. The Annual Report including Audited Statement of Accounts for the year 2005-06 was considered and recommended in the meeting of the Finance Committee held on 10th November 2006.

Council Meetings : During the period under report (2006-07), the Council met five times on 17th June 2006, 26th August 2006, 20th September 2006, 11th November 2006 and 3rd March 2007 to take decisions on various academic and administrative matters of the Institute. The Budget Proposals of the Institute both for Plan and Non-Plan (RE 2006-07 and BE for 2007-08) were considered in the meetings of the Council held on 26th August 2006, as recommended by the Finance Committee in its meeting held on 25th August 2006. The Annual Report including the Audited Statement of Accounts for the year 2005-06 was considered and approved by the Council in its meeting held on 11th November 2006.

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 (2006-07), the General Body of the Institute met two times on 29th August 2006 and 15th November 2006. The Annual Report of the Institute for the year 2005-06 and Audited Statement of Accounts for the year 2005-06 together with the Auditor's comments and replies of the Administration thereto were adopted in the meeting of the General Body held on 15th November 2006.

11. LIST OF MEMBERS

(Academic Council and Other Committees as on March 31, 2007)

Academic Council

S.K. Pal, Director (Chairman)

Bimal K. Roy, Dean of Studies (Convener)

Theoretical Statistics and Mathematics Division

A.B. Raha, Abhay Gopal Bhatt, Alok Goswami, Aloke Dey, Arup Bose, Ashis Das, B. Rajeev, B.K. Sinha, B.V. Rajarama Bhat, B.V. Rao, Bhaskar Bagchi, Gadadhar Misra, Gopal K. Basak, Goutam Mukherjee, H. Sarbadhikari, K. Ramamurthy, Mohana Delampady, N.S. Narasimha Sastry, P. Jeganathan, Pl. Muthuramalingam, Probal Chaudhuri, R.B. Bapat, Rahul Roy, Rajendra Bhatia, Rana Barua, Ratan Dasgupta, S. Ramasubramanian, S.B. Rao, S.M. Srivastava, Somesh Chandra Bagchi, Sunanda Bagchi, T.S.S.R.K. Rao, V. Pati, Rudrapada Sarkar, Krishanu Maulik.

Applied Statistics Division

Anup Dewanji, Ashis SenGupta, Ayanendranath Basu, Bimal Kr. Roy, Debapriya Sengupta, Debasis Sengupta, G.M. Saha, Mausumi Bose, Pabitra Pal Choudhury, Palash Sarkar, Rita SahaRay, Shibdas Bandyopadhyay, Smarajit Bose, Subir Kumar Bhandari, Tapas Kumar Chandra, Tapas Samanta.

Social Sciences Division

Abhirup Sarkar, Amita Majumder, Arunava Sen, Atis Kumar Dasgupta, Bharat Ramaswami, Dipankor Coondoo, Madhura Swaminathan, Manabendu Chattopadhyay, Manash Ranjan Gupta, Monoranjan Pal, N.S.S. Narayana, Nityananda Sarkar, Prabal Roy Chowdhury, Pradip Maiti, Probai Dasgupta, Sanghamitra Das, Satya P. Das, Satya Ranjan Chakravarty, Tandra Rao, Tarun Kabiraj, V.K. Ramachandran, Bhola Nath Ghosh, Prasanta Pathak.

Biological Sciences Division

Monoranjan Ghose, P.P. Majumder, Ranjan Gupta, Sunanda Chanda, Parasmani Dasgupta, Saurabh Ghosh.

Physics and Earth Sciences Division

B.S. Dandapat, Bijoy Shingha Mazumder, Chandan Chakraborty, Dilip Saha, Himadri Pai Mazumdar, Pinaki Roy, Samarendra Bhattacharya, Sisir Roy, Subir Ghosh, Subrata Bhattacharyya, Subrata Gangopadhyay, Bidyut Kumar Paul (Pal).

Computer and Communication Sciences Division

Arun Kumar De, Ashish Ghosh, Bhabani Prosad Sinha, Bhabatosh Chanda, Bhargab Bikram Bhattacharya, Bidyut Baran Chaudhuri, C.A. Murthy, Dipti Prasad Mukherjee, Jayasree Datta Gupta, Kumar Sankar Roy, Malay Kr. Kundu, Nabanita Das, Nikhil Ranjan Pal, Sambhu Nath Biswas, Sankar Kumar Pal, Subhas Chandra Nandy, Sushmita Mitra, Swapan Kr. Parui, Pinak Pani Pal, Sanghamitra Bandyopadhyay.

Statistical Quality Control and Operations Research Division

Amitava Bandyopadhyay, Anup Majumdar, Arun Kumar Chaudhury, Arvind Seth, Ashim Roy Chowdhury, B. Mohan Reddy, Dipak Kr. Manna, G.S.R. Murthy, Kalyan Kumar Chowdhury, P.K.

Perumallu, P.R. Lakshmikanthan, S. Sengupta, S.K. Majumdar, S.S. Handa, Samir Kr. Neogy, U. Haridas Acharya, Somnath Ray, Prasun Das.

Library, Documentation and Information Sciences Division

I.K. Ravichandra Rao, K.S. Raghavan.

Computer and Statistical Service Centre (CSSC)

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

Member-Secretary, ISEC

Monoranjan Pal.

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Technical Editors :

Debasis Sengupta, Krishanu Maulik

Co-Editors (Sankhya) :

Barry Arnold, Krishna B. Athreya, G.J. Babu, Z.D. Bai, Mausumi Bose, Ming-Hui Chen, Mu-fa-Chen, Kalyan Das, Gauri S. Datta, Somnath Datta, Holger Dette, Anup Dewanji, Aloke Dey, Subhashis Ghosal, Marc Hallin, Xuming He, Chii-Ruey Hwang, M.C. Jones, Jana Jureckova, Robert Kohn, Anthony Y.C. Kuk, Soumendra Nath Lahiri, Wei Liem Loh, Zhi-Ming Ma, Dibyen Majumdar, Hannu Oja, S. Ramasubramaniam, Rahul Roy, Debasis Sengupta, Jun Shao, Kesar Singh, Winfried Stute, Qiwei Yao, Yi-Ching Yao.

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Delhi

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T. Krishnan (Chairman), Head, Bangalore Centre, Head, Stat-Math Unit, Head, DRTC, Head, SQC & OR Unit, Head, Economic Analysis Unit, M.K. Prapulla Chandra, T.J. Ramamurthy, Chief Engineer (C&B) (or his nominee), Govt. of Karnataka, P.K. Unnikrishnan (Convener).

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Chairman of ISI or his nominee (Chairman), Sankar K. Pal, Director (Vice-Chairman), Director General, C.S.O., Financial Advisor, Ministry of Statistics & P.I., N. Mukunda, Obaid Sidique, Amiya Bagchi, J.K. Ghosh, P.P. Majumdar, R.B. Bapat, B.B. Bhattacharya (Convener).

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Theoretical Statistics and Mathematics Division

Sankar K. Pal, Director (Chairman), Rahul Mukherjee, Kalyan Das, V.S. Borkar, V. Srinivas, Gadadhar Misra, Professor-in-Charge (Convener).

Applied Statistics Division

Sankar K. Pal, Director (Chairman), S.P. Mukherjee, Debasis Kundu, Ambuj Mahanti, Samiran Mallick, Ayanendranath Basu, Professor-in-Charge (Convener).

Computer and Communication Sciences Division

Sankar K. Pal, Director (Chairman), P.P. Chakrabarti, A.K. Majumdar, B. Yegnanarayana, B.L. Deekshatulu, Gautam Sengupta, Bhabatosh Chanda, Professor-in-Charge (Convener).

Physics and Earth Sciences Division

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Biological Sciences Division

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Social Sciences Division

Sankar K. Pal, Director (Chairman), Alok Roy, T.J. Kamalanabhan, Barun De, Ramakant Agnihotri, Subrata Lahiri, Tarun Kabiraj, Professor-in-Charge (Convener).

Statistical Quality Control and Operations Research Division

Sankar K. Pal, Director (Chairman), Sujit Kr. Basu, S.P. Mukherjee, P.N. Sridharan, R. Jayaraman, Anup Majumdar, Head, SQC & OR Division (Convener).

Library, Documentation and Information Sciences Division

Sankar K. Pal, Director (Chairman), K.K. Banerjee, S. Ravindran, S.B. Mondal, Usha Mujoo Munshi, Chief Librarian (Convener).

INDIAN STATISTICAL INSTITUTE

SEVENTY FIFTH ANNUAL REPORT 2006 - 2007

Statement of Accounts and Auditor's Report for the year 2006 - 2007

CONTENTS

1. We have audited the attached Balance Sheet as at 31st March, 2007 of INDIAN STATISTICAL INSTITUTE (Institute), an Institute of National Importance, registered under the Societies Registration Act, 1860 and established under the Indian Statistical Institute Act, 1959 and also the Income & Expenditure Account of the Institute for the year ended on that date annexed thereto. These financial statements are the responsibility of the management of the Institute. Our responsibility is to express an opinion on these financial statements based on our audit.

2. We conducted our audit in accordance with auditing standards generally accepted in India. Those Standards require that we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of 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.

3. Attention is invited to our following comments:

3.1 **The Institute has not yet got the tax exemption u/s 10 of the Income Tax Act, 1961 for its income for the financial year 2006-07 and as such we are unable to comment on Institute's income tax liability, if any for the year under audit.**

3.2 **The Institute falls within the definition of "Employer" as prescribed u/s 115W of the Income Tax Act, 1961 and as such liable to pay Fringe Benefit Tax u/s 115WA of the said Act. No payment or provision for such tax is made in the accounts (amount of liability including arrear liability is not ascertained by the management).**

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3.3   No depreciation for the financial year 1986-87 and onwards has been provided in the accounts on the fixed assets acquired up to the financial year 1985-86.

3.4   Allocation of grant between capital and revenue out of plan grant and allocation of revenue expenditure between plan and non-plan grant are made by the Institute.

3.5   Indian Statistical Institute, New Delhi Centre has not followed the General Financial Rules, 2005 with regard to construction/ renovation of its building.

3.6   Purchase & Exp. on Giridih Agricultural Farm does not include other related expenses, which are allocated to other heads of account.

4. Previous year's figures are audited and reported upon by the previous auditors.

5. We report that:

    (a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit;

    (b) In our opinion, proper books of account as required by law have been kept by the Institute so far as appears from our examination of those books;

    (c) The Balance Sheet and the Income & Expenditure Account dealt with by this report are in agreement with the books of account;

(d) In our opinion and to the best of our information and according to the explanations given to us the financial statements read together with the notes thereon and **subject to our comments in Para 3 above** give a true and fair view in conformity with the accounting principles generally accepted in India:

(i) in the case of the Balance Sheet, of the state of affairs of the Institute as at 31st March, 2007; and

(ii) in the case of the Income & Expenditure Account, of the excess of income over expenditure for the year ended on that date.

<div align="right">

For and on behalf of
SAHA GANGULI & ASSOCIATES
Chartered Accountants

</div>

<div align="center">

S.K.DAS
Partner
Membership No.055841

</div>

Kolkata, dated: 27th September 2007

(Amount in Rupees)

PARTICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS/CAPITAL FUND AND LIABILITIES			
CORPUS/CAPITAL FUND	1	35,92,23,351	32,46,10,307
EARMARKED/ENDOWMENT FUNDS	3	26,80,00,376	23,74,06,065
CURRENT LIABILITIES AND PROVISIONS	7	6,30,23,148	4,77,38,127
ALIABILITIES FOR FIXED ASSETS OF EXT. AIDED FUND		6,76,32,960	2,89,85,781
TOTAL		75,78,79,835	63,87,40,280
ASSETS			
FIXED ASSETS	8	30,92,42,294	29,80,74,827
INVESTMENTS / ASSETS - FROM EARMERKED / ENDOWMENT FUNDS	9	18,11,33,000	14,42,48,000
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	19,98,71,581	16,74,31,672
FIXED ASSETS OF EXT. AIDED FUND (CONTRA)		6,76,32,960	2,89,85,781
TOTAL		75,78,79,835	63,87,40,280
SIGNIFICANT ASSOUNTING POLICIES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

S.S.PANJA   S.K.JOARDAR   D.C.PAL   SANKAR K PAL
Dy. Chief Executive (Finance)   Sr Accounts Officer   Chief Executive (Admn & Finance)   Director

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

Shantiniketan   For Saha Ganguli & Associates
8, Camac Street   Chartered Accountants
Kolkata - 700 017

                                         (S.K. Das)
                                         Partner

INDIAN STATISTICAL INSTITUTE

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31/03/2007 (Amount in Rupees)

PARTICULARS	SCHEDULE	CURRENT YEAR		PREVIOUS YEAR	
		PLAN	NONPLAN	PLAN	NONPLAN
INCOME					
Internal Receipts	12		2,39,27,980		1,88,77,648
Grant-in-Aid From Govt. of India	13	10,33,55,000	47,43,48,000	8,78,02,000	43,55,77,000
TOTAL (A)		10,33,55,000	49,82,75,980	8,78,02,000	45,44,54,648
EXPENDITURE					
Establishment Expenses	20	1,10,79,789	41,71,43,115	96,41,388	39,70,35,142
Other Administrative Expenses etc	21	7,35,60,606	5,31,85,682	6,30,78,958	5,09,64,588
TOTAL (B)		8,46,40,395	47,03,28,797	7,27,20,346	44,79,99,730
BALANCE BEING SURPLUS /(DEFICIT) (A - B) CARRIED TO CORPLUS/CAPITAL		1,87,14,605	2,79,47,183	1,50,81,654	64,54,918
SIGNIFICANT ACCOUNTING POLICIES	24				
CONTINGENT LIABILITIES AND NOTES ON	25				

S.S. PANJA   S.K.JOARDAR   D.C.PAL   SANKAR K PAL

Dy.Chief Executive(Finance)   Sr. Accounts Officer   Chief Executive (Adm & Finance)   Director

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

Shantiniketan   For Saha Ganguli & Associates

8, Camac Street   Chartered Accountants

Kolkata - 700 017

(S.K. Das)
Partner

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INDIAN STATISTICAL INSTITUTE
SCHEDULE 1 FORMING PART OF BALANCE SHEET AS AT 31 March, 2007

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
SCHEDULE 1 - CORPUS / CAPITAL FUND			
Opening Balance		32,46,10,307	31,45,50,385
Less: Recovered during the year on account of Excess of			
Receipt over Expenditure for year 2005-06			
Non - Plan Revenue	64,55,000		
Plan Revenue	1,50,81,537		
		2,15,36,537	1,69,21,733
Add: Contribution towards Capital Fund received			
during the year 2006-07	5,58,45,000		
Less: Recovered during the year	55,00,463		
		5,03,44,537	
Add: Transfer of Assets of Dev. Fund		2,60,34,913	
			4,46,06,503
Add: 95% Cost of Books & Journals acquired during the			
year out of Plan Revenue Grant		4,24,70,000	3,72,25,921
Less: Depreciation on Assets during the year- Schl 8A	8,34,65,358		
Dep. on Assets acquired out of Dev. Fund- Schl 8B	2,58,95,818		
		10,93,61,176	
Less: Amount written off on Fixed Assets during the year - Schl		481	481
Add: Excess of Receipt over Expenditure on Non-Plan Grant			
for the year 2006-07, transferred from Income			
and Expenditure Account	2,79,47,183		
Add: Excess of Receipt over Expenditure on Plan Revenue			
Grant for the year 2006-07, transferred from Income			
and Expenditure Account	1,87,14,605		
		4,66,61,788	
			2,15,36,571
		35,92,23,351	32,46,10,307

S.S. PANJA   S.K. JOARDAR   D.C. PAL   SANKAR K PAL
Dy.Chief Executive (Finance)   Sr.Accounts Officer   Chief Executive (Adm & Finance)   Director

Shantiniketan
8, Camac Street   For Saha Ganguli & Associates
Kolkata - 700 017   Chartered Accountants

                                    (S.K.Das)
                                    Partner

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2007

SCHEDULE 3- EARMARKED/ENDOWMENT FUNDS	DEV.ON LINE H/W RECOGNITION PROJECT 201		HAPLOTYPE DIVER OF ANGIOTENSIN PROJECT 202		DNA SEQUENCE VARIATION PROJECT 203	
FUNDING AGENCY	I.I.S. B'LORE		D.S.T. GOI		DST	
a) Opening Balance of The Funds						26,48,414
b) Additions To The Funds :						
1. Donation / Grants	6,03,000		5,28,000			
2. Income From Investment made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		6,03,000		5,28,000		
TOTAL (a+b)		6,03,000		5,28,000		26,48,414
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets					81,098	
- Books & Journal						
- Other						
TOTAL						81,098
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances			10,968		1,29,468	
- Travelling & Conveyance					7,323	
- Admn. expenses/Consumables					22,63,143	
- Tax Deducted at Source						
- Contingencies			425		12,681	
- Share Of Overhead						
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL				11,393		24,12,615
d) Refund of Unspent Balance						
TOTAL (c)				11,393		24,93,713
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		6,03,000		5,16,607		1,54,701

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT 31 March, 2007

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	DEV.OF DESIGN AID/TOOL FOR PY PROJECT 204		EVALUATION WORK SRC PATNA PROJECT 205	BOYCAST FELLOW DR.S.PATRANOBIS PROJECT 206	
FUNDING AGENCY	CAIR, DRDO (Bl.)		HRD GOI	D.S.T. G.O.I.	
a) Opening Balance of The Funds		15.191	1,26,663		-1.827
b) Additions To The Funds :					
1. Donation / Grants	1,16,362			1,827	
2 Income From Investment					
made on account of Funds					
3 Serv Charg/SQCOR Receipt					
4. Sh/Adj of Ovhd on Ext. Proj.					
TOTAL		1,16,362			1.827
TOTAL (a+b)		1,31,553	1,26,663		
c) Utilisation / Expenditure					
i. Capital Expenditure					
- Fixed Assets					
- Books & Journal					
- Other					
TOTAL					
ii. Current Asset					
- Bills Receivable					
TOTAL					
iii. Revenue Expenditure					
- Site Prep. & allied work					
- Remuneration & Allowances					
- Travelling & Conveyance					
- Admn. expenses/Consumables					
- Tax Deducted at Source					
- Contingencies	1.059				
- Share Of Overhead	16.044				
- Trnf.To Dev.Fund/Int.Receipt					
TOTAL		17.103			
d) Refund of Unspent Balance					
TOTAL (c)		17.103			
e)Assets Trnf to Corpus Fund					
NET BALANCE AS AT THE YEAR END (a+b-c-e)		1,14,450	1,26,663		

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	DESIGN AID/TOOL FOR SELECTION PROJECT 207		HUMAN GENOMIC DIVERSITY,WASIA PROJECT 208		DEV.OF INDIGENS BLOCK .ETC PROJECT 209	
FUNDING AGENCY	C.A.I R .(BL)		M.S.T. D.B.T.		DEPT.OF.SPACE.	
a) Opening Balance of The Funds		10.144		47		-71.167
b) Additions To The Funds :						
1 Donation / Grants					1,94.000	
2. Income From Investment						
made on account of Funds						
3. Serv Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL						1.94.000
TOTAL (a+b)		10.144		47		1.22.833
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance						
- Admn. expenses/Consumables						
- Tax Deducted at Source						
- Contingencies			47			
- Share Of Overhead						
- Tmf.To Dev.Fund/Int.Receipt						
TOTAL				47		
d) Refund of Unspent Balance						
TOTAL (c)				47		
e)Assets Tmf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		10.144				1.22.833

INDIAN STATISTICAL INSTITUTE
SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT   31 March, 2007

SCHEDULE 3- EARMARKED/ENDOWMENT FUNDS FUNDING AGENCY	HOMOGENOUS OPERATORS PROJECT 211 D.S.T..N.DELHI		NBHM BOOK GRANT BANGALORE PROJECT 212 NBHM.DEP.ATOM		UNAIDS(PROJECT) NGO PROJECT PROJECT 215 UNDP	
a) Opening Balance of The Funds		37.122		8.819		
b) Additions To The Funds :						
1. Donation / Grants	96.378		4.90.821		12.28.050	
2. Income From Investment						
made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		96.378		4.90.821		12.28.050
TOTAL (a+b)		1,33.500		4,99.640		12.28.050
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal			4.82.583		1.013	
- Other						
TOTAL				4.82.583		1.013
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	10.500					
- Travelling & Conveyance	87.779					
- Admn. expenses/Consumables					930	
- Tax Deducted at Source						
- Contingencies	2.200				77.417	
- Share Of Overhead	6.000					
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL		1,06.479				78.347
d) Refund of Unspent Balance						
TOTAL (c)		1,06.479		4.82.583		79.360
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		27.021		17.057		11,48.690

INDIAN STATISTICAL INSTITUTE

SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT   31 March. 2007

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	FINANCIAL RESER SWARNJAYTI FELL PROJECT 217 DST.G.O.I.		NBHM PROGRAMME IISC SPONSORED PROJECT 218 NBHM		STUDIES OF ENVN ECOLOGICAL ASPT PROJECT 221 C H & PLANT SC.	
a) Opening Balance of The Funds		1.40.540				2.05.253
b) Additions To The Funds :						
1 Donation / Grants	3.70.000		2.05.450		4.28.490	
2 Income From Investment						
made on account of Funds						
3 Serv. Charg/SQCOR Receipt						
4 Sh.Adj of Ovhd on Ext. Proj.						
TOTAL		3.70.000		2.05.450		4.28.490
TOTAL (a+b)		5.10.540		2.05.450		6.33.743
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal	32.426					
- Other						
TOTAL		32.426				
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	1.20.000				70.500	
- Travelling & Conveyance	15.425					
- Admn. expenses/Consumables					1.684	
- Tax Deducted at Source						
- Contingencies	1.000		2.05.450		2.505	
- Share Of Overhead	61.750				64.274	
- Tmf. to Dev.Fund/Int.Receipt						
TOTAL		1,98.175		2.05.450		1.38.963
d) Refund of Unspent Balance						
TOTAL (c)		2.30.601		2.05.450		1.38.963
e)Assets Tmf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		2.79.939				4.94.780

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INDIAN STATISTICAL INSTITUTE

SCHEDULE 3 FORMING PART OF BALANCE SHEET AS AT   31 March, 2007

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	DEV.OF ENCRIPTN ALGORITHM PROJECT 222		NBHM BOOKGRANT PROJECT 223		DEV.OF BIO INFO RMATIC TOOLS PROJECT 224	
FUNDING AGENCY	SUTECH PVT LTD		NBHM.DAE G.O.I.		MIN.SC. & TECH	
a) Opening Balance of The Funds		1,94,727		-31,270		21,50,289
b) Additions To The Funds .						
1 Donation Grants	2,50,000		20,00,000			
2. Income From Investment						
made on account of Funds						
3. Serv Charg/SQCOR Receipt						
4 Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		2,50,000		20,00,000		
TOTAL (a+b)		4,44,727		19,68,730		21,50,289
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets					10,32,096	
- Books & Journal			19,60,965		1,994	
- Other						
TOTAL				19,60,965		10,34,090
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances					3,12,000	
- Travelling & Conveyance	1,13,142					
- Admn expenses/Consumables	12,816				20,936	
- Tax Deducted at Source						
- Contingencies	41,476				8,974	
- Share Of Overhead	2,00,000				1,26,000	
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL		3,67,434				4,67,910
d) Refund of Unspent Balance						
TOTAL (c)		3,67,434		19,60,965		15,02,000
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		77,293		7,765		6,48,289

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	RESEARCH & DEV. CRYPTO.PROTOCOL PROJECT 225		IMPROVEMENT IN MGMT.ENTRANCE PROJECT 226		PHYSICAL GROWTH BODY COMP. PROJECT 227	
FUNDING AGENCY	D.I.T. G.O.I.		IIM(BANGALORE)		N.H.F. NETHERLA	
a) Opening Balance of The Funds		3.85.580				1.15.609
b) Additions To The Funds :						
1 Donation / Grants			1.10.200		14.09.372	
2 Income From Investment						
made on account of Funds						
3 Serv. Charg/SQCOR Receipt						
4 Sh'Adj of Ovhd on Ext. Proj.						
TOTAL				1.10.200		14.09.372
TOTAL (a+b)		3.85.580		1.10.200		15.24.981
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep & allied work	0					
- Remuneration & Allowances	81.000				2.73.010	
- Travelling & Conveyance	63.995		5.538		1.53.461	
- Admn expenses/Consumables	9.481		1.12.856		9.289	
- Tax Deducted at Source						
- Contingencies	29.630		22.095		90.415	
- Share Of Overhead			15.000		78.850	
- Inf To Dev.Fund/Int.Receipt						
TOTAL		1.84.106		1.55.489		6.05.025
d) Refund of Unspent Balance						
TOTAL (c)		1.84.106		1.55.489		6.05.025
e)Assets Trnf to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		2.01.474		-45,289		9.19.956

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	UNIVERSITY ONE WAY HASH FAMILY PROJECT 228 MIN.OF DEFENCE		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		4,45,625		1,18,772		
b) Additions To The Funds						
1 Donation Grants	4,45,625				4,24,376	
2 Income From Investment made on account of Funds						
3 Serv Charg/SQCOR Receipt						
4 Sh.Adj of Ovhd on Ext. Proj						
TOTAL		4,45,625				4,24,376
TOTAL (a+b)		8,91,250		1,18,772		4,24,376
c) Utilisation Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance					3,71,045	
- Admn expenses/Consumables				45,500		
- Tax Deducted at Source						
- Contingencies				26,080		
- Share Of Overhead						
- Trnf To Dev Fund/Int.Receipt						
TOTAL				71,580		3,71,045
d) Refund of Unspent Balance						
TOTAL (c)				71,580		3,71,045
e) Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		8,91,250		47,192		53,331

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS / FUNDING AGENCY	NBHM TRAVEL GRA - ATHREYA PROJECT 231 NBHM		NBHM NURTURE CONTRACT PROGM. PROJECT 232 DEPT ATOMIC ENG		NATIONAL COF ON MATH EDU PROJECT 233 NBHM	
a) Opening Balance of The Funds						1,61,906
b) Additions To The Funds :						
1 Donation / Grants	1,54,140		1,38,000			
2 Income From Investment made on account of Funds						
3 Serv Charg/SQCOR Receipt						
4 Sh Adj of Ovhd on Ext. Proj.						
TOTAL		1,54,140		1,38,000		
TOTAL (a+b)		1,54,140		1,38,000		1,61,906
c) Utilisation - Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep & allied work						
- Remuneration & Allowances			16,500			
- Travelling & Conveyance	47,016					
- Admn expenses/Consumables						
- Tax Deducted at Source						
- Contingencies			21,042			
- Share Of Overhead			18,000			
- Tmf To Dev.Fund/Int.Receipt			60,000			
TOTAL		47,016		1,15,542		
d) Refund of Unspent Balance		18,984				1,61,906
TOTAL (c)		66,000		1,15,542		1,61,906
e)Assets Tmf to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		88,140		22,458		

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	LONG TERM EFFET HTV/AIDS IN PROJECT 234		REFRESHER COUR INDIAN ACADEMY PROJECT 235		SPATIAL STOCH ARTIS PROCESS PROJECT 237	
FUNDING AGENCY	WORLD BANK				D ST. G.O.I.	
a) Opening Balance of The Funds		4,83,448		99,957		
b) Additions To The Funds						
1. Donation / Grants	8,02,500				51,840	
2. Income From Investment						
made on account of Funds						
3. Serv Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		8,02,500				51,840
TOTAL (a+b)		12,85,948		99,957		51,840
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets	4,48,939					
- Books & Journal						
- Other						
TOTAL		4,48,939				
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances					16,000	
- Travelling & Conveyance						
- Admn. expenses/Consumables						
- Tax Deducted at Source						
- Contingencies					34,040	
- Share Of Overhead	67,340					
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL		67,340				50,040
d) Refund of Unspent Balance				1,08,811		1,800
TOTAL. (c)		5,16,279		1,08,811		51,840
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		7,69,669		-8,854		

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	WRITTEN TEST AWARD OF NBHM PROJECT 238		CONSULTANCY PROJ.TV NETWORK PROJECT 239		IMPROVED GENOME ANNOTA PROJECT 240	
FUNDING AGENCY	D.ATOMIC ENERGY		TV TODAY		C.S.I.R	
a) Opening Balance of The Funds		172		12,465		9.90.594
b) Additions To The Funds :						
1 Donation / Grants	7,000				2.31.219	
2. Income From Investment						
made on account of Funds						
3 Serv. Charg/SQCOR Receipt						
4 Sh.Adj of Ovhd on Ext. Proj.						
TOTAL		7,000				2.31.219
TOTAL (a+b)		7,172		12,465		12.21.813
c) Utilisation Expenditure						
i Capital Expenditure						
- Fixed Assets					1.61.778	
- Books & Journal						
- Other						
TOTAL						1.61.778
ii Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance	5,292				95.518	
- Admin expenses/Consumables					19.722	
- Tax Deducted at Source						
- Contingencies	191				56,788	
- Share Of Overhead					28.352	
- Tmf.To Dev.Fund/Int.Receipt			12,465			
TOTAL		5,483		12,465		2.00.380
d) Refund of Unspent Balance		172				
TOTAL (c)		5,655		12,465		3,62.158
e) Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		1,517				8,59,655

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SCHEDULE 3- EARMARKED/ENDOWMENT FUNDS FUNDING AGENCY	EMIRITUS SCIEN DR.R.K.ROYCHOU PROJECT 241 CSIR		CONCUR.EVALU. OF TLCW. DINAJP PROJECT 242 U.DIN..ZILLA SM		KNOWLEDGE BASED DATA MINING PROJECT 246 C S I R	
a) Opening Balance of The Funds				68.977		45.516
b) Additions To The Funds :						
1. Donation / Grants	1.25,833				6.825	
2. Income From Investment						
made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj						
TOTAL		1.25,833				6.825
TOTAL (a+b)		1.25,833		68.977		52.341
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	25.484					
- Travelling & Conveyance						
- Admn. expenses/Consumables	14.125		10.422			
- Tax Deducted at Source						
- Contingencies	1.885		2.633			
- Share Of Overhead						
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL		41.494		13.055		
d) Refund of Unspent Balance						52.341
TOTAL (c)		41.494		13.055		52.341
e)Assets Trnf to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-c)		84.339		55.922		

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	FARM HOUSEHOLD SURVEY PROJECT 248 E.W.CENTER HOUS		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		1.26,683		58,19,446		5,02,910
b) Additions To The Funds :						
1. Donation / Grants	1,10,919		1,03,500			
2. Income From Investment made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		1,10,919		1,03,500		
TOTAL (a+b)		2,37,602		59,22,946		5,02,910
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets			16,083			
- Books & Journal			1,29,442			
- Other						
TOTAL				1,45,525		
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances			15,30,668			
- Travelling & Conveyance	16,015		1,87,453		5,533	
- Admn. expenses/Consumables	97,552		23,140			
- Tax Deducted at Source						
- Contingencies	66,709		1,56,651		11,267	
- Share Of Overhead	11,092					
- Trnf To Dev.Fund/Int.Receipt						
TOTAL		1,91,368		18,97,912		16,800
d) Refund of Unspent Balance						
TOTAL (c)		1,91,368		20,43,437		16,800
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-c)		46,234		38,79,509		4,86,110

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SCHEDULE 3 - EARMARKED ENDOWMENT FUNDS FUNDING AGENCY	INVEST.OF MEANS TO ASSESS ERROR PROJECT 251 C S I R		CRONIC EXPOSURE TO ENVIRN.TOXIS PROJECT 252 MIN.OF ENV.FORS		DELAY FAULT MODELING & TEST PROJECT 253 INTEL.CORP.USA	
a) Opening Balance of The Funds		-1.538				12.17.362
b) Additions To The Funds :						
1. Donation / Grants	1.86,771			2.09.070		
2. Income From Investment						
made on account of Funds						
3 Serv. Charg/SQCOR Receipt						
4 Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		1.86.771		2.09,070		
TOTAL (a+b)		1.85,233		2.09,070		12.17.362
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal					16.144	
- Other						
TOTAL						16.144
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	1,14,400				2,27,190	
- Travelling & Conveyance					33.467	
- Admin expenses/Consumables			2.422			
- Tax Deducted at Source						
- Contingencies			1.580		14,232	
- Share Of Overhead			58.560			
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL		1,14.400		62.562		2,74,889
d) Refund of Unspent Balance						
TOTAL (c)		1,14,400		62.562		2.91.033
e) Assets Trnf to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		70,833		1,46,508		9,26,329

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	RELBLTY. ASSMNT OF A SOLID R/M PROJECT 254 DEPT.OF SPACE		MOLECU.GENETICS STUDY ON DIABIT PROJECT 255 DPT.BIO-TECH		WATER WAVE DIFF BY FLO.& SU PROJECT 256 C.S.I.R.	
a) Opening Balance of The Funds		1,69,376		2,43,629		-14,107
b) Additions To The Funds :						
1 Donation Grants					1,15,993	
2 Income From Investment made on account of Funds						
3 Serv. Charg/SQC'OR Receipt						
4 Sh/Adj of Ovhd on Ext. Proj.						1,15,993
TOTAL						1,15,993
TOTAL (a+b)		1,69,376		2,43,629		1,01,886
c) Utilisation Expenditure						
i Capital Expenditure						
- Fixed Assets				2,23,500		
- Books & Journal						
- Other						
TOTAL				2,23,500		
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep & allied work						
- Remuneration & Allowances					70,200	
- Travelling & Conveyance					6,118	
- Admn expenses/Consumables						
- Tax Deducted at Source						
- Contingencies				12,000	3,573	
- Share Of Overhead					4,000	
- Tmf.To Dev.Fund/Int.Receipt						
TOTAL				12,000		83,891
d) Refund of Unspent Balance						
TOTAL (c)				2,35,500		83,891
e)Assets Trnf to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		1,69,376		8,129		17,995

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SCHEDULE 3- EARMARKED/ENDOWMENT FUNDS FUNDING AGENCY	STUDIES ON PLAK TONIC DIVERSIY PROJECT 257 DST		STATIS CLASSIF FOR ENCRYPTIO PROJECT 258 DST		INSEAD RESEARCH GRANT(FOREIGN) PROJECT 259 CEDEX, FRANCE	
a) Opening Balance of The Funds				6.15.495		91.268
b) Additions To The Funds :						
1. Donation / Grants	1,00,000				2.21.844	
2. Income From Investment made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh.Adj of Ovhd on Ext. Proj.						
TOTAL		1.00.000				2.21.844
TOTAL (a+b)		1,00,000		6.15.495		3.13.112
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets			82.200			
- Books & Journal						
- Other						
TOTAL				82.200		
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances			2.89.752		56.129	
- Travelling & Conveyance			49.984			
- Admn expenses/Consumables			5.653			
- Tax Deducted at Source						
- Contingencies	385		21.593			
- Share Of Overhead						
- Tnf.To Dev.Fund/Int.Receipt						
TOTAL		385		3.66.982		56.129
d) Refund of Unspent Balance						
TOTAL (c)		385		4,49,182		56.129
e)Assets Tnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		99.615		1,66,313		2.56.983

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SCHEDULE J- EARMARKED ENDOWMENT FUNDS FUNDING AGENCY	MAFIC CRUSTAL XENO IN E GH PROJECT 260 D.S.T, G.O.I.		R&D CRYPTOGRAPY PROJECT 261 DIT GOI		EVALUATION OF RELBLTY. FLIGHT PROJECT 262 DEPT.OF SPACE	
a) Opening Balance of The Funds		1,71,328				1,30,109
b) Additions To The Funds :						
1. Donation / Grants			47,84,000			
2. Income From Investment made on account of Funds						
3. Serv Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL				47,84,000		
TOTAL (a+b)		1,71,328		47,84,000		1,30,109
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets			5,40,143			
- Books & Journal			9,256			
- Other						
TOTAL				5,49,399		
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	1,37,270		5,11,710			
- Travelling & Conveyance	23,657		51,394			
- Admin. expenses/Consumables	1,12,630		6,800			
- Tax Deducted at Source						
- Contingencies	21,464		58,450			
- Share Of Overhead			6,09,960			
- Tmf.To Dev.Fund/Int.Receipt						
TOTAL		2,95,021		12,38,314		
d) Refund of Unspent Balance						
TOTAL (c)		2,95,021		17,87,713		
e)Assets Tmf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		-1,23,693		29,96,287		1,30,109

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	DEV ALGORITHMS ROBUST SPEAKER PROJECT 264		DATA BASED FOR DE.CENTRA.PLAN PROJECT 265		IMAGE PROCESS TECH.PARTICLE PROJECT 266	
FUNDING AGENCY	M.I.T. G.O.I.		HWH ZILLA PARI.		C S I R	
a) Opening Balance of The Funds		12.38.705				
b) Additions To The Funds						
1. Donation / Grants			63,250		3,82,000	
2. Income From Investment						
made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL				63,250		3.82.000
TOTAL (a+b)		12.38.705		63,250		3.82.000
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets	3.59,466				1.94.250	
- Books & Journal						
- Other						
TOTAL		3.59.466				1.94.250
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	4.69.568				78.308	
- Travelling & Conveyance	42.588					
- Admn. expenses/Consumables	18.289		10.400			
- Tax Deducted at Source						
- Contingencies	27.799		1.540		13.420	
- Share Of Overhead			8.250		14.300	
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL		5.58.244		20.190		1.06.028
d) Refund of Unspent Balance						
TOTAL (c)		9.17.710		20.190		3.00.278
e)Assets Trnf to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		3.20.995		43,060		81.722

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	STAT. METHODS FOR MAPN.MULTIV PROJECT 267		DEV.OF ROBUST ANALY AND RECOG PROJECT 268		COMPUTATIONAL INTELL. REMOTE PROJECT 269	
FUNDING AGENCY	N I H.U S A		MIN. OF COM.TEC		D.A.E. GOI,MUMB	
a) Opening Balance of The Funds		63,76,751				4,12,309
b) Additions To The Funds :						
1 Donation / Grants	23,67,395		18,84,000		3,45,300	
2 Income From Investment						
made on account of Funds						
3. Serv Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		23,67,395		18,84,000		3,45,300
TOTAL (a+b)		87,44,146		18,84,000		7,57,609
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep & allied work	0					
- Remuneration & Allowances	1,13,652				2,17,427	
- Travelling & Conveyance	7,02,203		11,809		28,847	
- Admn expenses/Consumables	2,855				1,878	
- Tax Deducted at Source						
- Contingencies	5,282				3,542	
- Share Of Overhead	3,85,000		2,40,210		18,850	
- Tmf.To Dev.Fund/Int.Receipt						
TOTAL		12,08,992		2,52,019		2,70,544
d) Refund of Unspent Balance						
TOTAL (c)		12,08,992		2,52,019		2,70,544
e) Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		75,35,154		16,31,981		4,87,065

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	NBIIM LIBRARY CO MMITTEE(NORTHER PROJECT 273		RANDOM GEOMET GRAPHS (R.ROY) PROJECT 274		NBIIM RESEARCH AWARD-L.SAHU(DI. PROJECT 276	
FUNDING AGENCY	**DEP.ATOMIC ENG**		**D S T N DELHI**		**DEPT.ATOMIC ENG**	
a) Opening Balance of The Funds		18,838		1,43,634		5,225
b) Additions To The Funds :						
1. Donation / Grants						
2. Income From Investment						
made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL						
TOTAL (a+b)		18,838		1,43,634		5,225
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	2,000					
- Travelling & Conveyance	14,874		34,126			
- Admn. expenses/Consumables			900			
- Tax Deducted at Source						
- Contingencies	138		220			
- Share Of Overhead			7,050			
- Trnf.To Dev .Fund/Int.Receipt						
TOTAL		17,012		42,296		
d) Refund of Unspent Balance						
TOTAL (c)		17,012		42,296		
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		1,826		1,01,338		5,225

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	NBIIM BOOK GRANT (DELHI) PROJECT 278 DEPT ATOMIC EGY		EMERITUS.SCNT. DR. A.CHOUDHURY PROJECT 280 CSIR		POLYMORPHISM IN CYPIAL CYP2I PROJECT 281 DST	
a) Opening Balance of The Funds		1.71.553		28		4,92,320
b) Additions To The Funds :						
1. Donation / Grants	18,28,447		56,639			
2. Income From Investment made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		18,28,447		56,639		
TOTAL (a+b)		20,00,000		56,667		4,92,320
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets					33.008	
- Books & Journal	19,99,974					
- Other						
TOTAL.		19,99,974				33.008
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances			40,000			
- Travelling & Conveyance					10,659	
- Admin. expenses/Consumables					2,77,162	
- Tax Deducted at Source						
- Contingencies			11,483		9,013	
- Share Of Overhead					1,25,000	
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL.				51,483		4,21,834
d) Refund of Unspent Balance						
TOTAL (c)		19,99,974		51,483		4,54,842
e) Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		26		5,184		37,478

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	VALUATION OF ECOLOGICAL SERV PROJECT 282 ME & FOREST		SOFTWARE DEV. FOR TIGER PUG PROJECT 284 D.O.F. GOV.W.B		STUDY ON DEV.OF METHOD.FOR INDX PROJECT 285 S.E.RLY.	
a) Opening Balance of The Funds		1.96.460		1.21.620		
b) Additions To The Funds :						
1. Donation / Grants	4.00.000				92.000	
2. Income From Investment						
made on account of Funds						
3. Serv. Charg/SUCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL		4.00.000				92.000
TOTAL (a+b)		5.96.460		1.21.620		92.000
c) Utilsation / Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal	2.176					
- Other						
TOTAL		2.176				
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	8.500		90.967			
- Travelling & Conveyance	2.23.925					
- Admn. expenses/Consumables	33.917					
- Tax Deducted at Source						
- Contingencies	2.93.683		1.819		4.066	
- Share Of Overhead	40.000		13.918		62.000	
- Tmf.To Dev.Fund/Int.Receipt						
TOTAL		6.00.025		1.06.704		66.066
d) Refund of Unspent Balance						
TOTAL (c)		6.02.201		1.06.704		66.066
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		-5.741		14.916		25.934

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	SAMPLE BASED PROJ OF ELEPHAN PROJECT 288		UNDERSTANDING ROLE OF SYM.IN PROJECT 289		GENOMIC DIVERS. .IN RULAL.POP PROJECT 290	
FUNDING AGENCY	MIN.ENV & FORST		DST.GOI		CSIR	
a) Opening Balance of The Funds		68.018		1,44,748		2,50,000
b) Additions To The Funds :						
1. Donation / Grants					-2,50,000	
2. Income From Investment made on account of Funds						
3 Serv Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL						-2,50,000
TOTAL (a+b)		68.018		1,44,748		
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets			7.425			
- Books & Journal						
- Other						
TOTAL				7.425		
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances			2,55,000			
- Travelling & Conveyance						
- Admn. expenses/Consumables			9.628			
- Tax Deducted at Source						
- Contingencies	997		4,557			
- Share Of Overhead						
- Tmf.To Dev.Fund/Int.Receipt						
TOTAL		997		2,69,185		
d) Refund of Unspent Balance						
TOTAL (c)		997		2,76,610		
e)Assets Tmf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		67,021		-1,31,862		

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	CROSS LINGUAL INFORMATION ACC PROJECT 291 DIT		ADV.TECH.FOR REMOTE SENSING PROJECT 292 D S T G.O.I.		DEV.OF AN ANN BASED PREDICTIO PROJECT 293 IJIRA	
a) Opening Balance of The Funds				60,729		2,07,462
b) Additions To The Funds :						
1 Donation / Grants	13,45,275		11,12,890			
2 Income From Investment						
made on account of Funds						
3 Serv Charg/SQCOR Receipt						
4 Shl/Adj of Ovhd on Ext. Proj.						
TOTAL		13,45,275		11,12,890		
TOTAL (a+b)		13,45,275		11,73,619		2,07,462
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets			1,34,395			
- Books & Journal						
- Other						
TOTAL				1,34,395		
ii Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances			2,26,104			
- Travelling & Conveyance			97,391			
- Admn. expenses/Consumables			23,208			
- Tax Deducted at Source						
- Contingencies			11,375			
- Share Of Overhead						
- Trnf To Dev.Fund/Int.Receipt						
TOTAL				3,58,078		
d) Refund of Unspent Balance						
TOTAL (c)				4,92,473		
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		13,45,275		6,81,146		2,07,462

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	SOME FEATURE EXTRA & INDEXIN PROJECT 294 DST.G.O.I.		DEV.OF EXP.PARA DIGMS VISUAL C PROJECT 295 DRDO		RICE BASED CROPING SYSTEM PROJECT 296 IRRI	
a) Opening Balance of The Funds		98,566		4,87,630		17,576
b) Additions To The Funds :						
1 Donation / Grants	2,50,000		4,88,750			
2 Income From Investment						
made on account of Funds						
3. Serv. Charg/SQC'OR Receipt						
4. Sh'Adj of Ovhd on Ext. Proj.						
TOTAL		2,50,000		4,88,750		
TOTAL (a+b)		3,48,566		9,76,380		17,576
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	2,55,000					
- Travelling & Conveyance	5,284		33,038			
- Admn. expenses/Consumables			500		3,500	
- Tax Deducted at Source						
- Contingencies	9,213		60,525		12,500	
- Share Of Overhead	40,000		1,32,500			
- Tmf.To Dev.Fund/Int.Receipt					1,576	
TOTAL		3,09,497		2,26,563		17,576
d) Refund of Unspent Balance						
TOTAL (c)		3,09,497		2,26,563		17,576
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		39,069		7,49,817		0

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	ACCOUNTABILITY SOME TRADITIONL PROJECT 297		BAYESION AUTOMATED RECOG PROJECT 298		CONSTRUC. ANALY REGIONAL VARIAT PROJECT 299	
FUNDING AGENCY	N I.FOUNDATION		DEPT.OF SPACE		MIN.OF STA TISTC	
a) Opening Balance of The Funds		77.689		73.886		
b) Additions To The Funds :						
1 Donation / Grants					9.50,000	
2. Income From Investment						
made on account of Funds						
3 Serv Charg/SQCOR Receipt						
4 Sh/Adj of Ovhd on Ext. Proj.						
TOTAL						9.50,000
TOTAL (a+b)		77.689		73.886		9.50,000
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal					16.691	
- Other						
TOTAL						16.691
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances					54.958	
- Travelling & Conveyance	49.896				25.162	
- Admn expenses/Consumables	2.710				34.169	
- Tax Deducted at Source						
- Contingencies	3.880				1.74.554	
- Share Of Overhead					95.000	
- Tmf.To Dev.Fund/Int.Receipt						
TOTAL		56.486				3.83.843
d) Refund of Unspent Balance						
TOTAL (c)		56.486				4.00.534
e)Assets Tmf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		21.203		73.886		5.49.466

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	NARTURE & CONT PROGRAMME PROJECT 340 NBHM		STUDY ON ASSESG THE IMPACT JUTE PROJECT 341 CHEM & PET. ASO		EMPERICAL STUDY ON LABOUR.PROB. PROJECT 342 LABOUR DPT W.B	
a) Opening Balance of The Funds						
b) Additions To The Funds :						
1 Donation / Grants	1,00,000		4,71,950		50,000	
2 Income From Investment made on account of Funds						
3 Serv. Charg/SQCOR Receipt						
4 Sh'Adj of Ovhd on Ext. Proj.						
TOTAL		1,00,000		4,71,950		50,000
TOTAL (a+b)		1,00,000		4,71,950		50,000
c) Utilisation / Expenditure						
i Capital Expenditure			1,20,752		50,000	
- Fixed Assets						
- Books & Journal	6,568					
- Other						
TOTAL		6,568		1,20,752		50,000
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances			1,00,969			
- Travelling & Conveyance	15,980		4,610			
- Admn. expenses/Consumables			25,868			
- Tax Deducted at Source						
- Contingencies	48,322		60			
- Share Of Overhead	10,000		70,792			
- Tmf To Dev.Fund/Int.Receipt						
TOTAL		74,302		2,02,299		
d) Refund of Unspent Balance						
TOTAL (c)		80,870		3,23,051		50,000
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		19,130		1,48,899		

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	MODELLING & PREDICT PRESSUE PROJECT 344 V.S.S.C	CHEMICALS WEAP CONVENTION SELE PROJECT 345 MIN.OF CHEMICAS	ROBUST IMPLEMEN VARIOUS ALGORIT PROJECT 346 MIN.OF DEFENCE
a) Opening Balance of The Funds			2,68,637
b) Additions To The Funds :			
1. Donation / Grants	3,45,000	1,20,000	3,85,200
2. Income From Investment made on account of Funds			
3. Serv. Charg/SQCOR Receipt			
4. Sh/Adj of Ovhd on Ext. Proj.			
TOTAL	3,45,000	1,20,000	3,85,200
TOTAL (a+b)	3,45,000	1,20,000	6,53,837
c) Utilisation / Expenditure			
i. Capital Expenditure			
- Fixed Assets	88,920		
- Books & Journal			
- Other			
TOTAL	88,920		
ii. Current Asset			
- Bills Receivable			
TOTAL			
iii. Revenue Expenditure			
- Site Prep. & allied work			
- Remuneration & Allowances			78,500
- Travelling & Conveyance			21,058
- Admn. expenses/Consumables			
- Tax Deducted at Source			
- Contingencies	2,488	477	49,997
- Share Of Overhead		19,200	
- Trnf.To Dev.Fund/Int.Receipt			
TOTAL	2,488	19,677	1,49,555
d) Refund of Unspent Balance			
TOTAL (c)	91,408	19,677	1,49,555
e)Assets Trnf. to Corpus Fund			
NET BALANCE AS AT THE YEAR END (a+b-c-c)	2,53,592	1,00,323	5,04,282

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	STATISTIC IN GENETIC MEDICIN PROJECT 347 CSIR		ESTMATING PROVR DISTRICT LEVEL PROJECT 348 UNDP		DEV.METHODGY TOWARDS MEASRE PROJECT 349 MIN OF STATISTS	
FUNDING AGENCY						
a) Opening Balance of The Funds						
b) Additions To The Funds :						
1. Donation / Grants	1,00,000		22,75,000		5,50,000	
2 Income From Investment made on account of Funds						
3 Sers. Charg/SQCOR Receipt						
4 Sh'Adj of Ovhd on Ext Proj.						
TOTAL		1,00,000		22,75,000		5,50,000
TOTAL (a+b)		1,00,000		22,75,000		5,50,000
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work	0					
- Remuneration & Allowances	24,387				81,290	
- Travelling & Conveyance					93,580	
- Admn. expenses/Consumables					28,270	
- Tax Deducted at Source						
- Contingencies	405		510		7,212	
- Share Of Overhead	4,750				55,000	
- Tnf.To Dev.Fund/Int.Receipt						
TOTAL		29,542		510		2,65,352
d) Refund of Unspent Balance						
TOTAL (c)		29,542		510		2,65,352
e)Assets Tmf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		70,458		22,74,490		2,84,648

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	FLOOD ADVANCE PROJECT 802		CONVEYANCE ADVANCE PROJECT 804		ORIYA OCR -TECH PROJECT C201	
FUNDING AGENCY						
a) Opening Balance of The Funds		7,20,000		47,50,000		1,00,000
b) Additions To The Funds :						
1. Donation / Grants						
2. Income From Investment						
made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh/Adj of Ovhd on Ext Proj.						
TOTAL						
TOTAL (a+b)		7,20,000		47,50,000		1,00,000
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance						
- Admn. expenses/Consumables						
- Tax Deducted at Source						
- Contingencies						
- Share Of Overhead						
- Tmf To Dev.Fund/Int.Receipt						
TOTAL						
d) Refund of Unspent Balance						
TOTAL (c)						
e)Assets Tmf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		7,20,000		47,50,000		1,00,000

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	HYPER GRACEFUL GRAPHS PROJECT O201		STEGANO GRAPHIC SCHEME FOR STAT PROJECT O202		TRANSF.OF ASAME OCR TECHNOLOGY PROJECT O204	
FUNDING AGENCY	D.S.T., G.O.I.		DEP. OF SPACE		I.I.T., GUAHATI	
a) Opening Balance of The Funds		1,55,060		90,287		48,724
b) Additions To The Funds :						
1 Donation / Grants						
2 Income From Investment						
made on account of Funds						
3 Serv. Charg/SQCOR Receipt						
4. Sh.Adj of Ovhd on Ext. Proj.						
TOTAL						
TOTAL (a+b)		1,55,060		90,287		48,724
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii Revenue Expenditure						
- Site Prep & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance						
- Admn. expenses/Consumables						
- Tax Deducted at Source						
- Contingencies						
- Share Of Overhead						
- Trnf To Dev Fund/Int. Receipt						
TOTAL						
d) Refund of Unspent Balance		1,55,060		90,287		
TOTAL (c)		1,55,060		90,287		
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)						48,724

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SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	ALGEBRAIC ANALY OF MODEL ETC PROJECT O206 D.S.T., G.O.I.		BYASIAN NON-PAR AMETIC INFEREN. PROJECT O215 CSIR		SOFT COMPUTING FOR MEDI IMA GE PROJECT O220 INSA	
a) Opening Balance of The Funds		307		5.877		19.708
b) Additions To The Funds :						
1. Donation / Grants						
2. Income From Investment						
made on account of Funds						
3. Serv. Charg/SQCOR Receipt						
4. Sh.Adj of Ovhd on Ext. Proj						
TOTAL						
TOTAL (a+b)		307		5.877		19.708
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal					8.403	
- Other						
TOTAL						8.403
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance						
- Admn. expenses/Consumables					9.173	
- Tax Deducted at Source						
- Contingencies					1.942	
- Share Of Overhead						
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL						11.115
d) Refund of Unspent Balance						190
TOTAL (c)						19.708
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		307		5.877		

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	EVALUATION OF TLC KAMRUP ZSS PROJECT O221 KAMRUP, GUAHATI	STATUS OF WOMAN IN W.BENGAL PROJECT O226 GOVT.OF W.B	CSIR-SENIOR RESEARCH ASSOC PROJECT O227 C.S.I.R.
a) Opening Balance of The Funds	10.359	1.001	3.692
b) Additions To The Funds :			
1. Donation / Grants			
2 Income From Investment			
and/- on account of Funds			
3 Serv Charg/SQCOR Receipt			
4. Sh Adj of Ovhd on Ext. Proj.			
TOTAL			
TOTAL (a+b)	10.359	1.001	3.692
c) Utilisation / Expenditure			
i. Capital Expenditure			
- Fixed Assets			
- Books & Journal			
- Other			
TOTAL			
ii. Current Asset			
- Bills Receivable			
TOTAL			
iii. Revenue Expenditure			
- Site Prep. & allied work			
- Remuneration & Allowances			
- Travelling & Conveyance			
- Admn expenses/Consumables			
- Tax Deducted at Source			
- Contingencies			
- Share Of Overhead			
- Tmf.To Dev.Fund/Int.Receipt			
TOTAL			
d) Refund of Unspent Balance			
TOTAL (c)			
e)Assets Tmf. to Corpus Fund			
NET BALANCE AS AT THE YEAR END (a+b-c-c)	10.359	1.001	3.692

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS	ICSSR FELLOWSHIP CJYAL PROJECT O232		LANGUAGE TECH RCI PROJECT O241		TARBULENT & INCIPIDENT SUBS PROJECT O243	
FUNDING AGENCY	ICSSR-DELHI		MIT GOI		DST GOI	
a) Opening Balance of The Funds		930		10,23,697		-2,247
b) Additions To The Funds :						
1. Donation / Grants						
2. Income From Investment made on account of Funds						
3. Serv. Charg/SUCOR Receipt						
4. Sh/Adj of Ovhd on Ext. Proj.						
TOTAL						
TOTAL (a+b)		930		10,23,697		-2,247
c) Utilisation / Expenditure						
i. Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii. Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance						
- Admn. expenses/Consumables						
- Tax Deducted at Source						
- Contingencies						
- Share Of Overhead						
- Trnf.To Dev Fund/Int.Receipt						
TOTAL						
d) Refund of Unspent Balance				10,23,697		
TOTAL (c)				10,23,697		
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		930				-2,247

SCHEDULE 3- EARMARKED/ ENDOWMENT FUNDS FUNDING AGENCY	GENOMIC DIVERSI INDIA POPULATIN PROJECT O244 MST/BBT GOI		FAST ALGOROTHM FOR DNA PROJECT O245 DST GOI		IMPACT FOREST DPLETION LIVE PROJECT O247 ENV.&FRST GOI	
a) Opening Balance of The Funds		12,859		66,747		41,167
b) Additions To The Funds :						
1 Donation / Grants						
2 Income From Investment						
made on account of Funds						
3 Serv. Charg/SQCOR Receipt						
4 Sh.Adj of Ovhd on Ext. Proj.						
TOTAL						
TOTAL (a+b)		12,859		66,747		41,167
c) Utilisation / Expenditure						
i Capital Expenditure						
- Fixed Assets						
- Books & Journal						
- Other						
TOTAL						
ii Current Asset						
- Bills Receivable						
TOTAL						
iii. Revenue Expenditure						
- Site Prep. & allied work						
- Remuneration & Allowances						
- Travelling & Conveyance						
- Admn. expenses/Consumables						
- Tax Deducted at Source						
- Contingencies						
- Share Of Overhead						
- Trnf.To Dev.Fund/Int.Receipt						
TOTAL						
d) Refund of Unspent Balance						
TOTAL (c)						
e)Assets Trnf. to Corpus Fund						
NET BALANCE AS AT THE YEAR END (a+b-c-e)		12,859		66,747		41,167