



Papers Presented and Participation of the Institute at the Conferences/Workshops, Etc.

PAPERS PRESENTED

Workshop on Human Intelligence, Forecasts and Planning for the Fertilizer Sector organised by Fertilizer Association of India at New Delhi during 17-19 April 2006

- Ranjana Agrawal and Ramasubramanian V. Forecasts of agricultural production

Western Regional Workshop of STCR at JNKVV, Jabalpur during 27-28 April 2006

- Aloke Lahiri. New design involving organic manures/bio-fertilizers for STCR experiments

Workshop on Improvement of Agricultural Statistics organized by the Directorate of Economics and Statistics, Govt. of India, New Delhi during 07-08 July 2006

- Tauqueer Ahmad. Cotton estimates - Need for improvement
- UC Sud. Certain issues with regard to method for cost of cultivation studies

4th Annual Conference Asia Pacific Research Conference of International Cooperative Alliance Organized at Colombo, Sri Lanka during 15-16 August 2006

- Sushila Kaul. Assessment of role of leadership in dairy cooperatives of India

Sensitization Workshop for Nodal Officers for ICT Project under NAIP at NAARM, Hyderabad on 03 September 2006

- Anil Rai, PK Malhotra and SD Sharma. Knowledge management of agricultural resources

Hindi Poster Pratiyogita held at the Institute on 22 September 2006

- परवीन आर्य, एन. शिवरमाने एवं डी.आर. सिंह। उत्तर प्रदेश में विभिन्न सिंचाई स्तरों पर फसल उत्पादन स्थिरता का विश्लेषण
- रजिन्द्र कौर, आर.एस. तोमर एवं प्रमोद कुमार। चावल की विभिन्न किस्मों पर आधारित फसल क्रमों के समूहों का सांख्यिकीय मूल्यांकन

- अमरेन्द्र कुमार, रंजना अग्रवाल, सुभाष चन्द मैहता, सी. चट्टोपाध्याय एवं वाई.एस. रामकृष्ण। सरसों के कीट व रोग के लिये न्यूरल नेटवर्क पद्धति पर आधारित पूर्वानुमान मॉडल
- ए.के. गुप्ता, एम.एस. नारंग एवं डी.सी. माथुर। सब्जियों की उपज पर उर्वरक, सिंचाई तथा कीटनाशकों का प्रभाव
- विजय बिन्दला। अपगमन परीक्षण के द्वारा विकास में क्षेत्रीय विषमताओं की पहचान
- सुभाष चन्द मैहता, अमरेन्द्र कुमार, आर.पी. शुक्ला एवं शशी शर्मा। आम में फल-मकखी के पूर्वानुमान हेतु मौसम चरों पर आधारित मॉडल
- सत्यपाल एवं त्रिभुवन राय। दूध की मात्रा में विभिन्न कारकों के अंशदान का आकलन
- मीना नंदा। खरीफ की फसल-उत्पादन एवं न्यूनतम समर्थन मूल्य

National Seminar on Surveys on Land & Livestock Holdings, Debt & Investment and Morbidity & Health Care of NSS 59th & 60th Rounds organized by the NSSO at Arumbakkam, Chennai-600 106 during 27-28 September 2006

- Jagbir Singh, UC Sud and HVL Bathla. Some observations on debt and investment and land and livestock surveys

14th Annual Conference of Agricultural Economics Research Association organized at GBPUAT, Pantnagar during 27-28 September 2006

- Sushila Kaul. Economic analysis of productivity of rice production: State-wise analysis

2nd International Rice Research Conference 2006 during 09-13 October 2006

- W Alam, AR Rao, SD Wahi and VT Prabhakaran. Improved unsupervised classification of genotypes of rice crop based on multidimensional biometrical traits: An application of a proposed variable selection method
- Anupama, ML Jat, A Kumar, RK Gupta and BS Parmar. Performance evaluation of a novel pendimethalin impregnated hydrogel for weed and water management in direct seeded rice

National Conference on Innovations in Indian Science, Engineering and Technology at IARI, New Delhi during 26-28 November 2006

- Anil Kumar and Sanat Kumar. Yield prediction based on best fitted models under rice-wheat system

- Anupama, B Singh, JP Yadav, A Kumar and BS Parmar. Soilless media amendment with novel superabsorbent hydrogels: Effect on nursery seedling growth, post-transplantation behaviour and water and nutrient use pattern of high value tomato grown under protected conditions

National Symposium on Ornamental Bulbous Crops held at SVBPUA & T, Modipuram, Meerut during 05-06 December 2006

- AK Gupta, HVL Bathla, UC Sud and KK Tyagi. Methodology for estimation of production of flowers

International Conference on Statistics and Informatics in Agricultural Research and Diamond Jubilee of Indian Society of Agricultural Statistics held at IASRI, New Delhi during 27-30 December 2006

Theme 1: Statistical Applications in Agricultural Research

Theme 2: Emerging Issues in Areas of Basic Statistical Research (Invited Talks)

- **Ranjana Agrawal.** Weather based crop forecasting methodology – IASRI models
- **UC Sud** and Anil Rai. Ranked set sampling in the context of finite population
- **AK Srivastava** and UC Sud. Small area estimation – Some applications
- **VK Gupta**, Rajender Parsad and LM Bhar. Supersaturated designs for asymmetrical factorial experiments
- **Prajneshu.** Current status and future research problems and rainfall modelling and forecasting in India

Theme 3: Agricultural Informatics (Invited Talks)

- **A Dhandapani**, VK Gupta and Rajender Parsad. Computer aided generation of Hadamard matrices and orthogonal arrays
- **Anil Rai**, PK Malhotra, SD Sharma and KK Chaturvedi. An agricultural data warehouse – An integrated approach for decision making

Theme 4: Statistical and Computational Biology in Agriculture (Invited Talk)

- Ananta Sarkar, **Rajender Parsad**, VK Gupta and Abhishek Rathore. Efficient designs for 2-colour microarray experiments

Theme 5: Statistical and Economic Issues for Prosperity of Rural Community (Invited Talk)

- Prem Narain, SD Sharma, SC Rai and **VK Bhatia**. Statistical evaluation of social development at district level

Theme 6: Human Resource Development for Agricultural Statistics and Informatics

Poster Presentations

- AK Paul and MG Kundu. Heritability of growth curve parameters of pigs
- AK Gupta, MS Narang, VK Jain, UC Sud and KK Tyagi. Estimation of area, production and productivity of flowers in Delhi
- Aditi Sharan and Shashi Dahiya. An insight into the similarity aspects used on web
- Alka Arora, Balbir Singh, Shashi Dahiya, Samir Farooqi. Gender distribution of ICAR personnel using PERMISnet
- Amrender Kumar, Ranjana Agrawal, KS Behere, CS Reddy and YS Ramakrishna. Weather based forewarning models for pest and diseases in rice
- Ananta Sarkar, Rajender Parsad, KV Bhat and VK Bhatia. Analysis of microarray data
- Anil Kumar, Rajinder Kaur, Sanjeev Panwar and Sanjeev Pawar. Yield estimation under maize-wheat cropping system
- Anu Sharma, Rajni Jain and Krishna Asawa. Ontology based knowledge management in agriculture.
- Anu Sharma, SB Lal and VK Mahajan. Software for imputation of non-response in survey data
- Ashok Kumar. Dietary pattern and nutritional status of rural households: State-wise analysis
- BMK Raju, VK Bhatia and Lalmohan Bhar. Assessing stability of crop varieties with incomplete data
- BN Mandal, Rajender Parsad and VK Gupta. Construction of doubly nested balanced incomplete block design
- Cini Varghese, MN Sonawane, Seema Jaggi and VK Sharma. Repeated measurements designs for bioequivalence trials
- DN Jha, PK Batra and Rajender Parsad. Analysis of On-Farm experiments over farming situations
- DR Singh, Sushila Kaul and Naresh Kumar. Impact assessment of technology interventions in migratory sheep and goat production system in Himachal Pradesh
- Himadri Ghosh and Prajneshu. Nonlinear time series modeling through self exciting threshold autoregressive approach
- Jitendra Singh Tomar and Seema Jaggi. Efficient neighbour balanced block designs for correlated observations
- K Chakraborty, AK Paul, W Alam. Application of clustering techniques in mango and litchi germplasm of West Bengal
- Krishan Lal and Susheel Kumar. An algorithm for linear trend-free designs with two level factorial experiments
- Md. Samir Farooqi, Balbir Singh, Shashi Dahiya and Alka Arora. A perspective on the distribution of personnel visited abroad from the ICAR
- N Okendro, W Alam and AK Paul. Length-weight relationship and growth pattern of *Tor putitora* (Hamilton) under monoculture and polyculture systems
- NR Abeynayake, Seema Jaggi and Cini Varghese. Neighbour balanced block designs for test treatments-control comparisons
- P Singh, W Alam and AK Paul. Application of hierarchical clustering methods for study of time series wool production of India
- Prawin Arya, N Sivaramane and DR Singh. Crop revenue insurance: A new risk management tool
- R Srivastava, R Parsad, Manisha Jain and PK Batra. Robustness aspects of response surface designs against loss of data
- Rajendra Kumar, NP Singh and Gyan Singh. Long range effect of application of macro and micro nutrients with NPK in rice-wheat cropping system under Semi-Arid Eco System
- Ranjit Kumar Paul and Lalmohan Bhar. M-estimation in block designs
- SB Lal, VK Dubey, RC Goyal, VH Gupta and Alka Arora. Academic information system for agricultural education in India
- SN Islam and Hari Om Agarwal. Need of IT based agricultural professionals in India
- SN Islam, Hari Om Agarwal, Md. S Farooqi, Vipin K Dubey, KK Chaturvedi, HS Sikarwar, Randhir Singh, AK Sharma, RK Sharma, KD Srivastava, JP Sharma and Kirti Sharma. Knowledge management in agriculture through expert system.
- SB Lal, Anu Sharma and VK Mahajan. An object-oriented based application software for analysis of survey data

- SC Mehta, Amrendra Kumar, RP Shukla and Shashi Sharma. Weather based forewarning models for mango fruit-fly
- SC Sethi, RM Sud and Bhagwan Das. Small area estimation of wheat crop yield for district of Haryana state
- Sarika, Seema Jaggi and VK Sharma. Response surface analysis incorporating neighbour effects from adjacent units
- Satya Pal, Ramasubramanian V and SC Mehta. Statistical models for forecasting milk production in India
- Seema Jaggi, Rajender Parsad, VK Gupta and Suman Kumar. Robustness of BIB and GD designs for correlated observations
- Shashi Dahiya, Balbir Singh, Alka Arora and Md. Samir Farooqi. An age based platform for manpower management in ICAR
- Shuchita Upadhaya, Alka Arora and Rajni Jain. Rough set based cluster analysis for soybean disease diagnosis
- Jagbir Singh, UC Sud and HVL Bathla. Debt and investment and land and livestock holding surveys
- Sushila Kaul. An analytical study of status of food security in India
- T Rai and Chandrahas. A comparative study of rice yield forecast model
- UC Sud and Dwijesh Mishra. Double ranked set sampling in the context of finite population sampling
- UC Sud, Prasenjit Pal and IC Sethi. Estimating population mean square through predictive approach when auxiliary character is estimated
- VK Dubey, SB Lal, Ramasubramanian V, GK Jha and Ranjana Agrawal. Development of software for imputation using back propagation neural networks

Eastern Zonal Conference organized by Indian Soc. Mycol. Pl. Pathol., AAU, Jorhat, during 01–02 November 2006

- C Chattopadhyay, Ranjana Agrawal, Amrender Kumar, BK Bhattacharya, SA Khan, Vinod Kumar, LM Bhar, RP Awasthi, Ashok Kumar, AG Desai, AK Chattopadhyay, SN Singh, NVK Chakravarthy, RB Singh, RL Meena, PD Meena and Chander Shekhar. Epidemiology development of forecasting models and yield loss assessment for

major diseases of oilseed Brassicas in India for eco-friendly crop management

Group Meeting of AICRP on STCR held at IASRI, New Delhi during 02–03 November 2006

- VK Gupta and Rajender Parsad. Design and analysis of experiments under AICRP on STCR

National Conference of Indian Society of Agricultural Economics organized at ICAR Research Complex, Meghalaya during 08–10 November 2006

- Ranjit Kumar, NP Singh, RP Singh and AK Vasisht. Rural infrastructure and agricultural growth: Interdependence and variability in Indo-Gangetic Plains of India

9th Annual Conference of Society of Statistics, Computer and Applications held at Department of Statistics, Saurashtra University, Rajkot during 11–13 November 2006

- Ranjit Kumar Paul and Lalmohan Bhar. Robust analysis of experimental data
- Rajender Parsad, Jose Crossa and VK Gupta. Statistical analytical techniques for farmers' participatory research trials for conservation agriculture. Invited Talk in Symposium on Information Extraction from Data Investigation.
- VK Gupta, Rajender Parsad and Lal Mohan Bhar. Super saturated designs: Some thoughts (Special Invited Talk)
- VK Gupta, Rajender Parsad and Lal Mohan Bhar. Supersaturated design for asymmetrical factorial experiment

Fifth Asia-Pacific Remote Sensing Symposium held by International Society of Optical Engineering (SPIE) in Goa during 13–17 November 2006

- Prachi Misra Sahoo, Anil Rai, Sudhakar Krishnamoorthy, BK Handique, PPN Rao and JS Prihar. Sampling approach for estimation of crop acreage under cloud cover satellite data in hilly regions

National Conference on Innovations in Indian Science, Engineering and Technology organized at IARI, New Delhi during 24–26 November 2006

- Prawin Arya, DR Singh, N Sivaramane, Sanjeev Pawar and Sanat Kumar. Analysis of crop production stability under different irrigation levels in Uttar Pradesh
- Rajendra Kumar, NP Singh and Gyan Singh. Statistical investigation on use of application of micro nutrients in rice-wheat cropping system

- Sanjeev Panwar, Anil Kumar and Sushila Kaul. Trend analysis of flower production in India
- Sushila Kaul and BB Beohar. An empirical study of role of indigenous minor forest products in tribal economy of Madhya Pradesh
- सुशीला कौल। भूमण्डलीकरण का भारतीय कृषि अर्थ व्यवस्था पर प्रभाव

14th International Conference on Computational, Mathematical and Statistical Methods held at Chennai during 06–08 January 2007

- UC Sud. Estimation of finite population mean using double ranked set sampling

National Seminar on Enhancing Skills for Research and Development in Marine Fisheries organized at CMRI, Cochin during 05–07 February 2007

- Anil Rai and PK Malhotra. Knowledge management in marine fisheries

14th Regional Technical Coordination Committee Meeting of the Rice-Wheat Consortium for Indo-Gangetic Plains held at Katmandu, Nepal during 14–15 February 2007

- Rajender Parsad, Jose Crossa, VK Gupta and Raj K Gupta. Statistical tools for farmers' participatory research trials for conservation agriculture.

National Conference on Computing for Nations Development held at Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi during 23–24 February 2007

- Alka Arora, Shuchita Upadhaya and Rajni Jain. Characterizing mushroom clusters using rough set
- Aditi Sharan and Shashi Dahiya. Web similarity aspects
- Anu Sharma, Rajni Jain and Krishna Asawa. Ontology for knowledge discovery in agriculture

International Conference on Information Systems, Technology and Management (ICISTM-2007) held at India Habitat Centre, New Delhi during 12–13 March 2007

- Alka Arora, Shuchita Upadhaya and Rajni Jain. Rough set approach for generating cluster description

Eastern Regional Workshop of STCR OUAT, Bhubaneswar during 15–16 March 2007

- Aloke Lahiri. On application of statistics in field experimentation and soil testing

International Conference on Environmental and Ecological Statistics with Application organized at ISI, Kolkatta during 21–23 March 2007

- Himadri Ghosh and Prajneshu. Rainfall modeling and forecasting in India – An overview

National Seminar on Forest and Forestry Techniques organized at Guru Ghasidas University, Bilaspur during 23–24 March 2007

- SP Bhardwaj, VK Bhatia and AK Vasisht. Economic study of exploitation of non-timber forest produce in India

PARTICIPATION

- National Seminar on Emerging Issues in Food Management organised by Commission for Agricultural Costs and Prices on 2 June 2006
- Workshops/Meetings of Book Development Team for Science & Technology for Upper Primary Classes (Class VII) during 15–17 April; 29 May to 2 June; 3–7 July 2006; 7–14 August 2006 held at NCERT, New Delhi
- National Workshop on Data Warehouse and Data Mining at Department of Computer Science, Saurashtra University and Society of Statistics, Computer and Applications on 23 April 2006
- Western Regional Workshop of STCR, held at JNKVV, Jabalpur during 27–28 April 2006
- National Workshop on Site Specific Nutrient Management for Sustainable High Yield Agriculture held during 18–19 May 2006 at PDCSR, Modipuram
- National Symposium on Buffalo for Rural Upliftment and Annual Convention of Indian Society for Buffalo Development during 27–30 May 2006 organized by Maharashtra Animal and Fisheries Sciences University, Bombay Veterinary College and Indian Society for Buffalo Development at Mumbai
- 26th Workshop of AICRP on Farm Implements & Machinery at MPKV, Rahuri during 08–09 June 2006
- Hindi Workshop held at IASRI New Delhi during 16–17 June 2006
- Workshop on Improvement of Agricultural Statistics organized by the Directorate of Economics and Statistics, Govt. of India, New Delhi at Vigyan Bhavan during 07–08 July 2006
- Brain Storming Session on Expectations of Different Divisions of ICAR from IASRI under the Chairmanship of Director General, ICAR and Secretary, DARE on 11 July 2006

- Workshop to guide the University Teachers regarding Teaching of Basic Statistics as One of Application Courses in BA Programme of University of Delhi held at South Campus, University of Delhi on 28 July 2006
- 4th ICAAsia Pacific Regional Research Conference at Colombo, Sri Lanka during 15–16 August 2006
- 14th Annual Conference of AERA held at GBPUAT Pantnagar during 27–28 September 2006
- NAIP Satellite Workshop organized at NBPGR, New Delhi on 12 September 2006
- 6th Biennial National Conference of Animal Nutrition during the period from 15–17 September 2006 organized by Faculty of Veterinary Science & Animal Husbandry at SKUAST Jammu
- National Seminar on Surveys on Land & Livestock Holdings, Debt & Investment and Morbidity & Health Care of NSS 59th & 60th Rounds organized by the NSSO at Arumbakkam, Chennai during 27–28 September 2006
- International Rice Congress sponsored by International Rice Research Institute, Philippines organized by ICAR at NASC Complex, New Delhi during 06–13 October 2006
- Agricultural Summit 2006: DOAC & FICCI at Vigyan Bhawan on 18 October 2006
- Agriculture Summit 2006: Reforms for Empowering the Farmer organized jointly by DOAC, MOA, GOI and FICCI at Vigyan Bhawan, New Delhi during 18–19 October 2006
- Two day Workshop on Soil Test Crop Response Correlation Studies held at IASRI, New Delhi during 02–03 November 2006
- International Conference on India and the Global Economy held at ICRIER, New Delhi during 06–07 November 2006
- 9th Annual Conference of Society of Statistics, Computer and Applications held at Department of Statistics, Saurashtra University, Rajkot during 11–13 November 2006
- Fifth Asia-Pacific Remote Sensing Symposium held by International Society of Optical Engineering (SPIE) in Goa during 13–17 November 2006
- Dairy Industry Conference at National Dairy Development Board, Kolkata during 23–25 November 2006
- National Conference on Innovations in Indian Science, Engineering and Technology held at National Physical Laboratory, IARI, New Delhi during 26–28 November 2006
- National Symposium on Ornamental Bulbous Crops held at SVBPUA & T, Modipuram, Meerut during 05–06 December 2006
- Pre-conference Workshops on Hotspot Geoinformatics and Regression Diagnostics organised on 26 December 2006 at IASRI, New Delhi
- International Conference on Statistics and Informatics in Agricultural Research organized by IASRI, New Delhi during 27–30 December 2006 to celebrate the Diamond Jubilee of Indian Society of Agricultural Statistics at NASC Complex, New Delhi
- International Conference on Computational, Mathematical and Statistical Methods held at Chennai during 06–08 January 2007
- National Seminar on Serving Farmer and Saving Farming Indian Imperatives and Global Perspectives at Pant Nagar during 10–12 January 2007
- 20th National Convention of Agricultural Engineers and National Seminar on Farm Mechanization for Diversification of Agriculture organized by the Ludhiana Local Centre of the Institution of Engineers (India) in collaboration with the Department of Farm Power & Machinery, Punjab Agricultural University, Ludhiana during 19–20 January 2007
- An India-US Agriculture Knowledge Initiative (AKI) Joint Workshop on Curriculum Development in Emerging Areas of Agriculture and Rural Development organized by ICAR and GBPUAT, Pant Nagar at NASC Complex, New Delhi during 22–23 January 2007
- हिन्दी ग्रहन कार्यशाला का आयोजन एन.ए.ए.आर.एम., हैदराबाद में दिनांक 01-06 फरवरी 2007 को हुआ।
- Workshop on Data Analysis and Data Mining held at NAARM, Hyderabad on 26 February 2007
- Eastern Regional Workshop of STCR OUAT held at Bhubaneswar during 15–16 March 2007
- National Seminar on Forest and Forestry Techniques held at Guru Ghasidas University, Bilaspur during 23–24 March 2007
- Zonal Research & Extension Programme Workshop of Eastern Dry Zone (Zone-5) held at GKVK, Bangalore on 28 March 2007
- Workshop of All India Coordinated Research Project on Post-Harvest Technology

MEETINGS

- Meeting with Dr. BS Pathak, Director, SPRERI, Vallabh Vidyanagar (Gujarat) for discussion relating to the final report of the farm mechanization project on 03 April 2006.
- Meetings with officials of Mahindra & Mahindra at Mumbai on 04 April and 05 May 2006.
- Technical Committee Meeting on 18th Livestock Census under the Chairmanship of Animal Husbandry Commissioner at Krishi Bhavan, New Delhi on 05 April 2006.
- Meeting with scientists in the Division of Agricultural Engineering, ICAR Research Complex for NEH Region, Umiam, Barapani (Meghalaya) during 07–08 April 2006.
- Meetings of Technical Committee of FASAL on 27 June 2006 and 13 January 2007 at Krishi Bhavan, New Delhi.
- Meeting of the Working Group constituted for the land use statistics at Krishi Bhavan, New Delhi on 28 June 2006.
- Meeting with Adviser regarding Horticulture Statistics at Shastri Bhavan, New Delhi and Sub-committee meeting pertaining to 18th livestock census under the Chairmanship of Animal Husbandry Commissioner on 29 June 2006.
- Meeting at Krishi Bhawan, New Delhi to discuss and finalise the methodology and procedural issues with a view to start collection of cost data in Tamil Nadu, Karnataka and Andhra Pradesh under the Chairmanship of Principal Adviser, Ministry of Agriculture on 05 July 2006.
- Meetings of the Standing Committee on Faculty and Discipline of the PG School, IARI held on 13 July and 04 November 2006.
- Meeting of the Committee constituted for examining the requisite qualification etc. for the post of Principal Scientists and Sr. Scientists on 05 August 2006.
- Meetings of the Sub-Group on Animal Husbandry and Dairying for XI Five Year Plan at New Delhi on 25 July, 03, 10, 17 August and 18 September 2006.
- Meeting of the Sub-Group on Agricultural Statistics in connection with the XI Five Year Plan under the Chairmanship of Principal Adviser, Ministry of Agriculture, Govt. of India at Krishi Bhawan, New Delhi on 19 August 2006.
- Meeting at DOAC regarding National Agricultural Insurance Scheme under the Chairmanship of Special Secretary, Sh. AK Singh at Krishi Bhavan, New Delhi on 21 August 2006.
- Screening Committee meeting for updating the rates and ratios used for compilation of the estimates of domestic products capital formation and other aggregates on 25 August 2006 at CSO, Sardar Patel Bhavan, New Delhi.
- Meeting under the Chairmanship of DG, CSO at Sardar Patel Bhavan, New Delhi regarding the proposed training programme to be organized for the participants from Somalia on 25 August 2006.
- High Level Coordination Committee Meeting at Department of Agriculture, Lucknow on 29 August 2006.
- High Level Coordination Committee Meeting at Department of Agriculture, Karnataka at Bangalore on 31 August 2006.
- Second meeting of the Working Group on Crop Husbandry, Agricultural Inputs, Demand and Supply Projections and Agricultural Statistics for the XI Five Year Plan under the Chairmanship of Dr. VS Vyas, in Yojna Bhavan, New Delhi on 07 September 2006.
- Coordination Committee Meeting for studies in Agricultural Economics under the Chairmanship of Secretary (Agriculture), Ministry of Agriculture in Krishi Bhawan, New Delhi on 07 September 2006.
- Meeting of SAARC Technical Committee on Agriculture and Rural Development (TCARD) on 18th September 2006 at NCAP, New Delhi jointly organized by Department of Agricultural Research and Education, Ministry of Agriculture, Govt. of India, ICAR and NCAP.
- 3rd Meeting of the Technical Committee on Agriculture and Rural Development (TCARD) of SAARC at NASC Complex, New Delhi on 18 September 2006.
- Board of Post-graduate Studies Meeting held at NEH University, Shillong on 9 October 2006.
- 8th Meeting of the Task Force on Assessment of Survey Capabilities of Private Sector at CSO, Sardar Patel Bhawan on 30 November 2006.
- Meeting of Technical Monitoring Committee on 07 and 08 December 2006 at CIFRI, Barrackpore, West Bengal.
- Group Meeting of AICRP-LTFE held at IISS, Bhopal during 17–18 January 2007.
- Meeting related to Crop Insurance under the

- Chairmanship of Secretary, Ministry of Agriculture at Krishi Bhavan, New Delhi on 14 February 2007.
- 14th Regional Technical Coordination Committee Meeting of the Rice-Wheat Consortium for Indo-Gangetic Plains held at Kathmandu, Nepal during 14–15 February 2007.
 - Meeting of the Screening Committee to discuss the project proposal for updating rates and ratios under the Chairmanship of Additional Director General (NAD) at Sardar Patel Bhawan, New Delhi on 19 March 2007.
 - Meeting of the Empowerment Committee under the Chairmanship of the Secretary, Statistics and Programme Implementation at CSO, Sardar Patel Bhavan, New Delhi.
 - Meeting with Director, Fisheries Statistics regarding ensuing TMC Meeting at Barrackpore.
 - Meeting on Programme Implementation under FASAL Project at Space Application Center, Ahmedabad.
 - ICAR-ICRISAT Partnership Project Meeting in NAAS, New Delhi on 25 May 2006.
 - Meeting of Secretary ICAR with ERNET India to apprise and discuss the scope of Intranet and Internet and proposed network of KVKs in DG's Committee room on 28 June 2006.
 - Brainstorming Session on Projectised Mode of Research in ICAR at NCAP on 19 July 2006.
 - PERMISNET and Intelligent Reporting System Workshop at NASC Complex on 21–22 July 2006.
 - NAIP Component I: Information, Communication and Dissemination System (ICDS) Meeting at NAIP Office, KAB II on 01 August 2006.
 - Meeting of the Sub Committee on Higher Education (HRD Ministry). NIEPA, NCERT Campus, Chaired by Shri Satyam, former Secretary Statistics on 29 August 2006.
 - Meeting of ICAR Regional Committee No. IV at Patna, Bihar on 1–2 September 2006.
 - Presentation of Vision 2025 Perspective Plan before SMD, Engg. Division, ICAR on 7–8 September 2006.
 - Policy & Gender Analysis and Visioning (PGAV) Programme Meeting of the experts on 08 September 2006.
 - MHRD meeting for Higher Education Statistics at NIEPA, NCERT on 18 September 2006.
 - Combined Meeting of all committees of IRC-2006 under the Chairmanship of Dr. MS Swaminathan & Co-Chairmanship of Dr. Mangala Rai, DG, ICAR on 22 September 2006.
 - Meeting with Dr. Gautam Bose, DDG NIC and Dr. ABL Srivastava at NIC for finalizing parameters for Higher Educational Statistics for MHRD on 16 October 2006.
 - O&M Program Committee Meeting for Component I at NAIP on 17 October 2006.
 - Meeting with SMD to discuss Agenda of Directors' Conference slated for 3–4 November 2006.
 - Directors' Conference at NASC Complex during 3–4 November 2006.
 - APAARI: Expert consultation on agricultural innovations: Linking farmers to Market at NASC on 6 November 2006.
 - Planning Meeting of QRT (2001–05) at IASRI. DDG (Engg), Dr. AK Nigam and members on 11 December 2006.
 - Discussion of Vision 2025: Perspective Plan with DDG (Engg) along with Foreword, etc. on 14 December 2006.
 - Indo US Knowledge initiative discussion with Dr. SP Tiwari, Dr. PL Gautam and others on 08 January 2007.
 - Indo-US Agricultural Knowledge Initiative Joint Workshop at NAAS for Curriculum Development on 22–23 January 2007.
 - Meeting with Dr. S Ayyappan, DDG (Animal Sciences) with Directors of IASRI and NCAP in connection with constitution of RAC on 24 January 2007.
 - Meeting with Chairman, Research Advisory Committee, Dr. PV Shenoi and all HDs on 22 February 2007.
 - Meeting with Dr. Simon Holland regarding agri-extension programme through the use of ICT and the INARIS project on 26 April 2006.
 - Meeting for planning baseline survey for horticultural mission under the Chairmanship of Prof. Abhijit Sen, Member, Planning Commission on 3 May 2006.
 - Meeting to discuss ASTIN project with collaborating scientists from IASRI Chaired by Director, IASRI and with collaborating institutions with Dr. P Das, DDG (Extn) in chair on 5 and 19 May 2006.
 - Meeting with Dr. KD Singh and Chief Conservator of Forest, Punjab for model building on tree growth dynamics on 6 May 2006.

- Meeting of the Expert Group on Informal Sector (Delhi Group) for discussing: (i) Data quality of surveys on informal sector and informal employment (ii) Measuring the links between poverty and informal employment (iii) Identification of informal jobs in agriculture, and (iv) Measuring contribution of informal sector/informal employment at New Delhi during 10–12 May 2006.
- Meeting of the Empowered Committee for implementation of Awards and Fellowships for outstanding and meritorious research work in statistics under the Chairmanship of Dr. RC Panda, Special Secretary (S&PI), MOS&PI, GOI on 15 May 2006.
- Meeting with Dr. SM Jharwal, Principal Advisor and Sh. Vijay Kumar, Advisor, DES, DOAC along with Dr. Tauqueer Ahmad for project proposal on divergence in cotton production statistics among CAB and DES estimates on 17 May 2006.
- 6th Meeting of Task Force on assessment of survey capability at MOS&PI, Sardar Patel Bhavan, under Chairmanship of Dr. RC Panda, Special Secretary on 7 June 2006.
- Discussions with Prof. Shashi Gadia, Iowa State University and Dr. Navneet Goel, BITS Pilani for data mining collaboration on 12 June 2006.
- Director Inaugurated the Awareness training on SURVEYCAP database for 10 officers of CSO on 6 July 2006.
- Meeting of Empowered Committee for fellowship/ grants of MOS&PI on 24 July 2006.
- Release of results of census on marine fisheries conducted by CMFRI at Krishi Bhawan on 25 July 2006.
- XI Plan Working Group Meeting for Agricultural Statistics in Planning Commission on 27 July 2006 and on Crop husbandry, inputs and agricultural statistics at Yojana Bhavan on 16 November 2006.
- Meeting of Core Group in Horticulture Statistics at IASRI with Dr. AK Bhatia, Advisor (Horticulture) on 31 July 2006.
- Meeting with Dr. Simon Holland for finalizing NAIP project proposal on 31 July 2006.
- Meeting of Standing Committee of the Conference of Central and State Statistical Organisation (COCSSO) for finalizing agenda with Secretary, Dr. RC Panda in Chair on 9 August 2006.
- Director Chaired the Horticulture Core Group Meeting at IASRI for discussing weakness in present horticultural database on 21 August 2006.
- Executive Council Meeting for Society of Statistics, Computer and Applications at ISI Delhi on 24 August 2006.
- UP State High Level Coordination Committee Meeting for improvement of agricultural statistics at Lucknow on 21 September 2006.
- Coordination Committee Meeting for ISAS International Conference on Statistics and Informatics (ICSI-2006) on 27 September 2006.
- Technical Advisory Committee Meeting for 18th Livestock Census at Krishi Bhawan on 12 October 2006.
- Meeting with Mrs. Shobha Marwah, Director Fishery Statistics and DK Sinha, DAHD on 17 November 2006.
- Eighth Meeting of the Task Force for Study on Assessment of Survey Capabilities of Private Sector: World Bank assisted India Statistical Strengthening Project on 30 November 2006.
- Director Chaired the Technical Monitoring Committee Meeting for Fishery Statistics at CIFRI, Barrackpore on 07–08 December 2006.
- Director Chaired the 2nd Steering Committee for Pilot study for estimation of area and production of horticulture crops at IASRI on 12 December 2006.
- Meeting of the Coordinating Committee for Organisation of Studies in the Field of Agril. Economics under Chairmanship of Secy (A&C), Krishi Bhawan on 24 January 2007.
- Meeting of the Empowered Committee for implementation of Awards and Fellowships for outstanding and meritorious research work in statistics with Dr. RC Panda, Secretary (S&PI) in Chair on 25 January 2007.
- Orissa State High Level Coordination Committee Meeting for improvement of agricultural statistics at Bhubaneswar on 31 January 2007.
- Second Meeting of UN OSLO City Group on Energy Statistics inaugurated by Hon'ble Minister of State (Ind. Charge) on 5 February 2007.
- Meeting for Assessment of inputs and investment requirements for 4% growth in ag sector in XI plan with Dr. Abhijit Sen in Chair at Yojana Bhawan on 9 February 2007.

- Meeting under Chairmanship of Secretary Ag. & Coop. for National Agricultural Insurance Scheme – Maintaining single series of Crop Cutting Experiments on 14 February 2007.
- Meeting with Dr. DP Singh, VC, JNKVV regarding their staff selection for computers on 13 March 2007.
- Discussions with Sh. SC Shetty, ADG (Trng) CSO for planning various world class facilities at Statistical Training Institute at NOIDA on 15 March 2007.

Training/Study visit

- Dr. Rajender Parsad, National fellow was deputed for a study visit on Hands-on Experience on Analysis of Farmer Participatory Research Trials conducted by Rice-Wheat Consortium for Indo-Gangetic Plains to CIMMYT, Mexico from 24 May to 28 June 2006. During this study visit, he worked on ASREML (a statistical package that fits linear mixed effects models using Residual Maximum Likelihood) for spatial data analysis. Also worked on SAS to obtain biplots from Additive Main Effects and Multiplicative Interactions and Site Regression (SREG) models. Analyzed 5 data sets of Rice Wheat Consortium for Indo-Gangetic Plains. In this analysis, farmers or villages are taken as blocks and resource conservation technology options as treatments. Farmers/villages effects were taken as random. Efforts were also made to find year \times treatment interactions and variety \times treatment interactions. The efforts were also made to identify technology for a given variety or soil type. The results obtained were communicated to Dr. RK Gupta and other scientists involved for their comments. The data file preparation for the analysis is very important. Some suggestions were also made on how to prepare the EXCEL files to maintain uniformity overall locations and years.
- Dr. Rajender Parsad, National fellow was deputed for participating in 14th Regional Technical Coordination Committee Meeting of the Rice-Wheat Consortium for Indo-Gangetic Plains held at Kathmandu, Nepal during 13–16 February 2007. During this meeting, a paper on Statistical Tools for Farmers' Participatory Research Trials for Conservation Agriculture was presented.
- Ms. Alka Arora participated in one day training program for the CSO officials on SurveyCap Database on 06 July 2006 held at IASRI, New Delhi.
- Scientists of the Institute attended a training programme on “On-line library information system” for CMIE, DELNET, Ingenta and other Library Utility organized by IASRI Library during 27–29 July 2006.
- Dr. Anil Rai and Mohd. Samir Farooqi attended a training on Spatial Analyst of ARC-GIS organized by ESRI, India at NIIT, New Delhi during 5–7 March 2007.