

Indian Society of Agricultural Statistics

Review of Activities for the Year 2005

The Indian Society of Agricultural Statistics, a scientific body, was founded on January 03, 1947 for promoting and undertaking research in Statistics and its application to Agriculture, Animal Husbandry, Fishery, Agricultural Economics and allied fields. The Society was fortunate to have Late Dr. Rajendra Prasad, the then Union Minister of Agriculture, Government of India and later Hon'ble President of India as its Founder President. He continued to guide the Society for sixteen years. The Society had the privilege of receiving patronage and guidance from several eminent personalities from time to time as Society's Presidents in the past who took keen interest and were a source of great inspiration. In fact, the Society could attain its present status due to the untiring efforts of its Presidents in the past and the continued patronage and guidance from the current President, Dr. Mangala Rai, Secretary, Department of Agricultural Research and Education, Government of India and Director General, Indian Council of Agricultural Research. The farsightedness, overall guidance and unstinting support from the eminent statisticians and founder members, Late Prof. P.V. Sukhatme and Late Dr. V.G. Panse, have been fundamental to the growth of the Society.

The Society organizes annually a conference in different parts of the country which provides a wider platform for exchange of ideas on various issues of national as well as regional importance through two symposia besides holding invited lectures by eminent personalities, paper/ poster presentations and awards and incentives in various forms. Last year, the Society held the 58th Annual Conference at CMFRI, Kochi where several important recommendations emerged. This year, we are grateful to The Hon'ble Vice Chancellor, Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu for inviting the Society to hold the 59th Annual Conference of the Society at Jammu. During this Conference, the Society is organizing the following two symposia:

- (i) Energy Issues in Agriculture (National Importance)
- (ii) Statistical and Computational Issues in Rainfed Agriculture (Regional Importance)

The Society brings out a journal, consisting of three issues (April, August and December) in each volume every year. The Journal serves as a medium for disseminating research findings on Agricultural Statistics and allied fields. The Society has brought out 58 volumes so far and has been maintaining strict time schedule for its publication. The Hindi Supplement continues to be a special feature of the Journal. The high standard of the Journal has been maintained due to the sincere efforts of the Editorial Board and the referees. The Society is thankful to them for their keen interest in the activities of the Society related to the publication of Journal.

The membership of the Society is drawn from all parts of India as well as abroad and during the year 2005, stood at 578 as detailed below:

| | |
|---------------------------------|------------|
| Permanent Institutional Members | 26 |
| Life Members | 548 |
| Ordinary Members (Annual) | 04 |
| | <u>578</u> |

In addition to regular members, the Society has a number of subscribers to its Journal in India and abroad. The number of subscribers during the year was 220 with details as below:

| | |
|---------|-----|
| Indian | 216 |
| Foreign | 04 |

In order to perpetuate the memory of the Founder President Late Dr. Rajendra Prasad, a memorial lecture is being organized during the Annual Conference since 1965. The Society has organized 41 lectures so far and the memorial lecture being organized during this Conference would be 42nd in the series. Since 1973, the Society has also been organizing a lecture in the memory

of Late Dr. V.G. Panse, who was the guiding spirit behind the Society and its activities. The Society has so far organized 26 lectures in his memory and the memorial lecture during this Conference would be 27th in the series. The Society is also organizing Dr. D.N. Lal Memorial Lecture Award from the year 2000. So far three lectures have been organized and the lecture being organized during this Conference would be 4th in the series.

In the year 1998, the Society instituted an award called PROF. P.V. SUKHATME GOLD MEDAL AWARD for honouring a well-known active scientist who has made significant contributions in the field of Agricultural Statistics and/or allied fields and has taken keen interest in the activities of the Society. So far this award has been conferred on four statisticians.

The Society has a Research Unit to undertake research on specific problems of current interest under the guidance of Research Direction Committee. This year, the Research Unit was engaged in carrying out research study relating to evaluation of socio-economic development at district level in the State of Jammu & Kashmir. Knowledge of development-status of districts provides good input for drawing plans for the development of the disadvantaged regions. With this in view, thirty three developmental indicators based on 2001-02 data has been used to estimate the level of agricultural, industrial and overall socio-economic development of districts. The availability of infrastructural facilities was also estimated for different districts. The district of Kathua ranked first and the district of Budgam ranked the last in the socio-economic development. Wide disparities were observed in the levels of development among different districts. For bringing out uniform regional development, potential targets of various socio-economic variables has been estimated for the low developed districts. These districts require major improvements in some of the indicators. The statistical methodology followed and the results obtained in the study will be presented in a separate session during the Conference.

The problems of finance for scientific activities, printing of the Journal and other ad-hoc publications could be overcome to a certain extent through grant-in-aid received from the Ministry of Agriculture, Government of India and Indian Council of Agricultural Research. The Society wishes to acknowledge very gratefully the financial assistance received from them during the year under report.

The Society continues to be a member of the International Statistical Institute, Netherlands, Indian Association of Social Science Institutions, New Delhi and Federation of Indian Societies of Agricultural Sciences and Technology, New Delhi.

The 58th Annual Conference of the Indian Society of Agricultural Statistics (ISAS) was held at Central Marine Fisheries Research Institute (ICAR), Tatapuram, Kochi, Kerala from 20 to 22 January, 2005. Dr. S. Ayyappan, Deputy Director General (Fishery and Engineering), Indian Council of Agricultural Research was the Chief Guest and he inaugurated the Conference. Dr. S. Ray, Director General and Chief Executive Officer, National Sample Survey Organization, Ministry of Statistics & Programme Implementation, Government of India and Sessional President of the 58th Annual Conference presided over the Inaugural Function. Dr. Mohan Joseph Modayil, Director, Central Marine Fisheries Research Institute, delivered the Welcome Address. On this occasion, Sankhyiki Bhushan Award for the life time achievements was presented to Dr. B.N. Singh, former Director General, Bureau of Indian Standards, New Delhi and Dr. K.C. Seal, former Director General, Central Statistical Organization, Government of India. Prizes for the best papers published in the Journal of the Indian Society of Agricultural Statistics, Volume 55 (2002) and Volume 56 (2003) were given to the authors. Dr. S. Ray, Sessional President delivered the Presidential Address. Dr. M. Srinath, Principal Scientist & Head, Fisheries Resources Assessment Division, Central Marine Fisheries Research Institute proposed a Vote of Thanks. The Technical Address on "CONTRIBUTION OF THE NATIONAL SAMPLE SURVEY TO INDIAN AGRICULTURAL STATISTICS" was delivered by the Sessional President Dr. S. Ray. The Technical Address was presided over by Dr. K.C. Seal, Vice President of the Society.

Dr. Rajendra Prasad Memorial Lecture was delivered by Dr. S. Nagarajan, Director, Indian Agricultural Research Institute, New Delhi, on the topic "IMPLICATIONS OF CHANGING GLOBAL ECONOMIC SITUATION AND NEED TO HAVE DATABASE INTELLIGENCE SYSTEM". Dr. S. Ray, Director General & Chief Executive Officer, National Sample Survey Organization, Government of India presided over the session.

Dr. V.G. Panse Memorial Lecture was delivered by Sh. M. Neelakantan, Former Additional Director General, National Sample Survey Organization, Government of India on "QUALITY ASPECTS OF CROP STATISTICS IN INDIA - PROBLEMS AND PROSPECTS". This lecture was chaired by Dr. B.N. Singh, Patron of the Society. Dr. S. Ray, Sessional President presided over the session.

Prof. Alope Dey, Indian Statistical Institute, New Delhi delivered a special invited lecture on "CROSSOVER DESIGNS" during the Conference. Dr. S. Ray, Sessional President presided over this lecture.

Poster presentation of 45 research papers in the fields of Design of Experiments, Sample Survey, Statistical Genetics, Statistical Methodology, Applied Statistics and Computer Applications were made during the conference. A panel of five judges namely Dr. S. Ray, Dr. K.C. Seal, Dr. B.N. Singh, Prof. Alope Dey and Dr. S.D. Sharma judged the quality of poster presentation of papers.

The following symposia were organized during the Conference:

- (i) Fishery Statistical System in India
- (ii) Use of Emerging Statistical Techniques in Agriculture

Technical Address, Dr. V.G. Panse Memorial Lecture, Abstracts of Contributed Papers presented through poster and research work of the Society carried

out during the year 2004 are published in the Journal of the Indian Society of Agricultural Statistics, Volume 59, No. 1, April, 2005.

There was a Plenary Session chaired by Dr. S.D. Sharma, Director, IASRI and Secretary, ISAS, where the recommendations of the symposia were presented by Dr. M. Srinath and Dr. V.K. Bhatia, Convenors and these were approved.

The Society conveyed its grateful thanks to Dr. M.J. Modayil, Director, Central Marine Fisheries Research Institute and Dr. M. Srinath, Principal Scientist & Head, FRA Division, CMFRI, Kochi for organizing the Conference.

The accounts of the Society for the year ending 31 March, 2005 were audited by M/s Jaideep Aggarwal and Associates, Chartered Accountants, a professional auditor and will be presented at the General Body Meeting.

The work of the Society during the year made possible through the advice and help of the members of the Executive Council of the Society, Editorial Board and the Research Direction Committee. The burden of the entire secretariat of the Society has been willingly borne by my colleagues Dr. V.K. Bhatia, Shri R.S. Khatri, Dr. Rajender Parsad, Shri A.K. Vishandass, Shri S.C. Rai and Dr. A.K. Srivastava. In the end I wish to thank the staff of the Society for their devoted work.

S.D. Sharma
Secretary, ISAS

Indian Society of Agricultural Statistics

Library Avenue, Pusa, New Delhi

Balance Sheet as on 31 March, 2005

| Previous Year | LIABILITIES | Current Year |
|---------------------|--|---------------------|
| 700,000.00 | Corpus Money | 700,000.00 |
| | GENERAL RESERVE | |
| 241,771.51 | Balance as per last balance sheet | 241,771.51 |
| | Less : Excess of expenditure over income | <u>35,690.87</u> |
| | | 206,080.64 |
| | PUBLICATION RESERVE | |
| 339,657.00 | Balance as per last balance sheet | 339,657.00 |
| | Add : Sale of old volumes of Journal | <u>53,904.00</u> |
| | | 339,561.00 |
| 158,209.00 | FIXED ASSETS RESERVE | 158,209.00 |
| 78,282.36 | Surplus Account (Journal) | 78,282.36 |
| | Add : during the year | <u>39,008.00</u> |
| | | 111,290.36 |
| 50,000.00 | Dr. D.N. Lal Memorial Lecture Award Fund | 50,000.00 |
| | Add : Interest during the year | <u>3,248.00</u> |
| | | 53,238.00 |
| | CAPITAL RESERVE (Life Membership Fee) | |
| 478,608.00 | Balance as per last balance sheet | 478,608.00 |
| | Add : during the year | 25,630.00 |
| | | 504,238.00 |
| 6,242.00 | Advance Subscription for Journal (Vol. 59) | 2,850.00 |
| | EXPENSES PAYABLE | |
| 3,300.00 | Audit Fees Payable | 3,306.00 |
| - | Xerox Bill | 286.00 |
| 3,000.00 | Suspense | - |
| 2,059,069.87 | | 2,133,069.00 |
| Previous Year | ASSETS | Current Year |
| 176,186.01 | FIXED ASSETS (As per Schedule) | 147,840.81 |
| | CASH AND BANK BALANCES | |
| 19,118.88 | Imprest | 2,025.38 |
| 105,454.23 | Syndicate Bank, IASRI, New Delhi SB A/c | <u>282,760.23</u> |
| | | 284,785.61 |
| | FIXED DEPOSITS | |
| 762,271.00 | Syndicate Bank, Pusa, New Delhi | 886,294.00 |
| 124,023.00 | Accrued Interest of Fixed Deposits | <u>76,525.00</u> |
| | | 962,819.00 |
| | AMOUNT RECOVERABLE/RECEIVABLE | |
| 26,754.00 | Grant receivable from (Planning Commission) | - |
| 8,000.00 | Grant receivable from SERC | 2,000.00 |
| 112,500.00 | Grant receivable from ICAR (Journal) | - |
| 25,000.00 | Grant receivable from ICAR (Conference) | 25,000.00 |
| 49,806.00 | Tax deducted at source | 52,794.00 |
| | STOCK IN HAND | |
| 1.00 | Journal (Token Value) | 1.00 |
| 1.00 | Symposia Volume (Token Value) | 1.00 |
| 88,750.61 | Published Books | 88,750.61 |
| | DEFICIT OF RESEARCH UNIT | |
| 561,204.14 | Balance as per last Balance Sheet | 561,204.14 |
| | Add: Addition during the year | <u>7,872.83</u> |
| | | 569,076.97 |
| 2,059,069.87 | | 2,133,069.00 |

Place : New Delhi
Date : 29.07.2005

Subject to our report of even date

for Jaideep Aggarwal & Associates, Chartered Accountants
Sd/
(JAIDEEPAGGARWAL)
Partner

Indian Society of Agricultural Statistics

Library Avenue, Pusa, New Delhi

Income & Expenditure Account for the Year ending 31 March, 2005

| <i>Previous Year</i> | <i>EXPENDITURE</i> | <i>Current Year</i> |
|----------------------|---|---------------------|
| 7,094.00 | To Annual Conference | 71,868.00 |
| 6,550.00 | To Salaries | 5,750.00 |
| 8,342.00 | To Postage and Telephone | 25,740.00 |
| 50.00 | To Printing and Stationery | 1,120.00 |
| 285.00 | To Bank Charges | 11.00 |
| 4,746.00 | To Executive Council & Sub-committee meetings | 1,111.00 |
| 2,200.00 | To Audit Fees | 1,102.00 |
| 3,850.50 | To General Expenses | - |
| 1,076.00 | To Travelling & Conveyance | 15,254.00 |
| 5,316.00 | To Office Rent | 5,316.00 |
| 710.00 | To Dr. D.N. Lal Memorial Award Expenses | - |
| 1,100.00 | To Computer Repair & Maintenance | - |
| 10,350.00 | To Publication Reserve | - |
| - | To Fax Toner | 3,435.00 |
| - | To Photo copy expenses | 1,757.00 |
| - | To Accountancy Charges | - |
| - | To Best Paper Award | 10,000.00 |
| - | To Sankhyiki Bhushan Award Expenses | 6,777.00 |
| 9,455.00 | To Depreciation on Assets | 28,345.20 |
| - | To DST Expenses | 50,291.80 |
| 69,326.17 | To Excess of Income over Expenditure | - |
| 130,450.67 | | 227,878.00 |
| <i>Previous Year</i> | <i>INCOME</i> | <i>Current Year</i> |
| 2,840.00 | By Annual Membership Fee | 1,050.00 |
| | By Student Membership Fee | 110.00 |
| | By Sessional Membership Fee | <u>4,950.00</u> |
| 103,508.00 | By Interest on Fixed Deposits | 64,730.00 |
| 1,190.00 | By Interest on Savings Bank A/C | 2,286.00 |
| 2,562.67 | By Surplus on Published Books | 1,506.07 |
| 10,350.00 | By Sales of Back Volume | 33,211.00 |
| 10,000.00 | By Sales of Books | 2,143.93 |
| | By Grant from Deptt. of Ocean Development (GOI) | 40,000.00 |
| | By Grant from DST (GOI) | 50,000.00 |
| | By Grant from SPSS | 25,000.00 |
| | By Misc. Income | 2,891.00 |
| | By Excess of Expenses over Income | 35,690.87 |
| 130,450.67 | | 227,878.00 |

Place : New Delhi

Subject to our report of even date

for Jaideep Aggarwal & Associates, Chartered Accountants

Date : 29.07.2005

Sd/
(JAIDEEPAGGARWAL)

Partner

Indian Society of Agricultural Statistics

Library Avenue, Pusa, New Delhi

Income & Expenditure Account (Journal) for the Year ending 31 March, 2005

| <i>Previous Year</i> | <i>EXPENDITURE</i> | <i>Current Year</i> |
|----------------------|--------------------------------------|---------------------|
| 1.00 | To Opening Stock (Token Value) | 1.00 |
| 86,673.00 | To Printing Charges (Journal) | 103,554.00 |
| 15.00 | To Conveyance | 20.00 |
| 16,341.00 | To Postage Expenses | 16,548.00 |
| 26,146.00 | To Excess of Income over Expenditure | 39,008.00 |
| 129,176.00 | | 159,131.00 |
| <i>Previous Year</i> | <i>INCOME</i> | <i>Current Year</i> |
| 33,883.00 | By Sale and Subscription of Journal | 60,376.00 |
| 5,292.00 | By Postage Charges | 8,754.00 |
| 1.00 | By Closing Stock | 1.00 |
| 90,000.00 | By Grant from ICAR for Journal | 90,000.00 |
| 129,176.00 | | 159,131.00 |

Place : New Delhi
Date : 29.07.2005

Subject to our report of even date

for Jaideep Aggarwal & Associates, Chartered Accountants
Sd/
(JAIDEEP AGGARWAL)
Partner

Indian Society of Agricultural Statistics
Library Avenue, Pusa, New Delhi
(Research Unit)

Balance Sheet as on 31 March, 2005

| <i>Previous Year</i> | <i>LIABILITIES</i> | <i>Current Year</i> |
|----------------------|--|---------------------|
| | INDIAN SOCIETY OF AGRICULTURAL STATISTICS | |
| 561,204.14 | Balance as per last Balance Sheet | 561,204.14 |
| | Add : Recovery during the year | <u>8,417.50</u> |
| | | 569,621.64 |
| 99,800.00 | FIXED ASSETS RESERVE | |
| | Balance as per last year | 99,800.00 |
| | Add : during the year | <u>99,216.00</u> |
| | | 1,99,016.00 |
| | EXPENSES PAYABLE | |
| 2,865.00 | Audit Fee Payable | <u>2,204.00</u> |
| 663,869.14 | | 770,841.64 |
| <i>Previous Year</i> | <i>ASSETS</i> | <i>Current Year</i> |
| 103,301.50 | Fixed Assets (As per Schedule) | 202,401.17 |
| | DEFICIENCY ACCOUNT | |
| 560,567.64 | Balance as per last balance sheet | 560,567.64 |
| | Add : Deficit for the year | <u>7,872.83</u> |
| 663,869.14 | | 770,841.64 |

Place : New Delhi
Date : 29.07.2005

Subject to our report of even date

for Jaideep Aggarwal & Associates, Chartered Accountants
Sd/
(JAIDEEPAGGARWAL)
Partner

Indian Society of Agricultural Statistics

Library Avenue, Pusa, New Delhi

(Research Unit)

Income & Expenditure Account for the Year ending 31 March, 2005

| <i>Previous Year</i> | <i>EXPENDITURE</i> | <i>Current Year</i> |
|----------------------|--|---------------------|
| 245,608.00 | To Establishment Expenses | 268,246.00 |
| 2,865.00 | To Audit Fee Expenses | 2,204.00 |
| 12,424.00 | To Travelling & Conveyance | 11,237.00 |
| 13,430.00 | To Conference Expenses | 27,666.00 |
| 6,139.00 | To Photocopy Expenses | 3,985.00 |
| 309.00 | To Repair and Maintenance | 341.00 |
| 10,679.00 | To Printing, Stationery & Postage | 51,751.00 |
| 102,614.00 | To Printing of Issue of Research Papers | - |
| 2,080.00 | To Professional Charges | - |
| 2,086.00 | To Telephone Expenses | 2,839.00 |
| 3,458.00 | To Misc. Expenses | 5,276.50 |
| 99,800.00 | To Capital Expenditure | 99,216.00 |
| 3,600.00 | To Accountancy Charges | - |
| 148.50 | To Depreciation on Assets | 116.33 |
| | To Workshop Organization (TAAS) | 30,000.00 |
| | To Honorarium | 1,000.00 |
| | To Printing of Annual Report | 3,995.00 |
| 505,240.50 | | 507,872.83 |
| <i>Previous Year</i> | <i>INCOME</i> | <i>Current Year</i> |
| 356,000.00 | By Unutilized Grant Carried Forward | - |
| 144,000.00 | By Grant from Ministry of Agriculture | 500,000.00 |
| 5,240.50 | By Deficit for the Year C/o to Balance Sheet | 7,872.83 |
| 505,240.50 | | 507,872.83 |

Place : New Delhi
Date : 29.07.2005

Subject to our report of even date

for Jaideep Aggarwal & Associates, Chartered Accountants
Sd/
(JAIDEEP AGGARWAL)
Partner

Indian Society of Agricultural Statistics

Library Avenue, Pusa, New Delhi

Schedule of Fixed Assets as on 31 March, 2005

| Particulars | Opening Balance | Addition during the year | Total | Dep. Rate | Amount (Rs.) | Balance as on 31.3.2005 |
|--------------------------|--------------------|-----------------------------|-------------------|-----------|------------------|----------------------------|
| A. SOCIETY | | | | | | |
| Computer | 2,967.00 | - | 2,967.00 | 60% | 1,780.20 | 1,186.80 |
| Xerox Machine | 9,671.01 | - | 9,671.01 | 25% | 2,417.75 | 7,253.26 |
| Fax Machine | 5,339.00 | - | 5,339.00 | 25% | 1,334.75 | 4,004.25 |
| Computer | 50,050.00 | - | 50,050.00 | 0% | - | 50,050.00 |
| Airconditioner | 69,750.00 | - | 69,750.00 | 25% | 7,437.50 | 52,312.50 |
| Door Closure | 1,860.00 | - | 1,860.00 | 25% | 465.00 | 1,395.00 |
| Fan | 8,370.00 | - | 8,370.00 | 25% | 2,092.50 | 6,277.50 |
| Furniture | 24,924.00 | - | 24,924.00 | 10% | 2,492.40 | 22,431.60 |
| Sign Board | 3,255.00 | - | 3,255.00 | 10% | 325.50 | 2,929.90 |
| Total | 176,186.01 | NIL | 176,186.01 | - | 28,345.60 | 147,840.81 |
| B. RESEARCH UNIT | | | | | | |
| Furniture and Fixture | 297.00 | - | 297.00 | 10% | 29.70 | 267.30 |
| Typewriter | 50.25 | - | 50.25 | 25% | 12.58 | 37.67 |
| Calculator | 4.50 | - | 4.50 | 25% | 1.13 | 3.38 |
| Library Books | 2,858.00 | - | 2,858.00 | 0% | - | 2,858.00 |
| Electric Calculator | 12.00 | - | 12.00 | 25% | 3.00 | 9.00 |
| Room Machine | 45.00 | - | 45.00 | 25% | 11.25 | 33.75 |
| Fans | 3.00 | - | 3.00 | 25% | 0.75 | 2.25 |
| Steel Almirah | 24.75 | - | 24.75 | 25% | 6.18 | 18.57 |
| Cycle | 207.00 | - | 207.00 | 25% | 51.75 | 155.25 |
| Computer | 99,800.00 | - | 99,800.00 | 0% | - | 99,800.00 |
| LCD Projector | - | 99,216.00 | - | 0% | - | 99,216.00 |
| Total | 103,310.50 | 99,216.00 | 103,310.50 | - | 116.33 | 202,401.17 |

Place : New Delhi

Date : 29.07.2005

Subject to our report of even date

for Jaideep Aggarwal & Associates, Chartered Accountants

Sd/
(JAIDEEPAGGARWAL)

Partner