

Review of Activities of the Indian Society of Agricultural Statistics for the Year 1992

The Indian Society of Agricultural Statistics, a scientific body, was founded on 3 January, 1947 for promoting and undertaking research in Statistics and for its application to Agriculture, Animal Husbandry, Fishery, Agricultural Economics and allied fields. The Society was fortunate to have Late Dr. Rajendra Prasad, the then Minister of Food and Agriculture, Government of India, as its Founder President. He continued to guide the Society for 16 years. The Society had also the privilege of having as its Presidents Shri S.K.Patil, Shri C. Subramaniam, Shri Jagjivan Ram, Dr. M.S. Swaminathan, Dr. O.P. Gautam, Shri Buta Singh and Dr. N.S. Randhawa. They took keen interest in the activities of the Society and were a great source of inspiration. The Society has attained its present status due to the untiring efforts and guidance of its Presidents in the past and present and particularly of the eminent statisticians Prof. P.V. Sukhatme and Late Dr. V.G.Panse.

The Society organises annually a conference in different parts of the country as per invitations received from State Governments, universities and other research organisations. It provides a wider platform for exchange of ideas. During each annual conference, the Society organises one or two symposia keeping in view current national interest as well as problems of interest in the region where the conference is organised. This year the Society is organising only one symposium on a very important topic on "Poverty and Agriculture". The Society brings out a Journal, one volume consisting of three issues per year, which serves as a media for disseminating research findings on Agricultural Statistics and allied fields. Ad-hoc publications and Bulletins are also brought out to help the research workers and students in the field of Agricultural Statistics. It has set up a Research Unit to undertake research on specific problems of current interest in accordance with the guidance provided by a Research Direction Committee. In order to perpetuate the memory of the Founder President Late Dr. Rajendra Prasad, a lecture is organised during the conference. The Society has organised 28 lectures so far and the memorial lecture being organised during this conference would be 29th in the series.

The membership of the Society, which is drawn from all parts of India as well as from abroad, during the year was:

Permanent Institutional Members	23
Life Members	350
Institutional Members	5
Ordinary Members	146
Student Members	14

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

Indian	217
Foreign	40

Thus, the total number of members and subscribers during the year was 795.

One of the important activities of the Society, as mentioned earlier, is the publication of its Journal. It has brought out 44 volumes till 1992 and has maintained its time schedule. 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 of the referees. The Society is thankful to them for their keen interest in the activities of the Society particularly in the publication of its Journal. With a view to promoting research in Statistics and thereby improving the standard of the quality of Journal, the Society has introduced a scheme to award prizes for the best articles published in its Journal once in two years.

The 3rd Revised Edition of the book "Sampling Theory of Surveys with Applications" by P.V. Sukhatme, B.V. Sukhatme, Shashikala Sukhatme and C.Asok was brought out during 1984. This book is in great demand by the students and research workers. Another important publication "Statistical Methods in Animal Sciences" by V.N. Amble brought out by the Society is extremely useful for the research workers in Animal Sciences. Two ad-hoc publication namely, "Contribution in Statistics and Agricultural Sciences" and "Impact of P.V. Sukhatme on Agricultural Statistics and Nutrition"

were brought out by the Society which contain a number of invited articles from India and abroad.

The Research Unit of the Society was engaged in carrying out research relating to evaluation of economic development of different states of the country. Economic growth is the basic objective of planning and for India, it has a special relevance because of the economic problems of mass poverty and huge unemployment. It is observed that the agricultural and industrial development are positively associated implying that the states which are agriculturally well developed, are mostly well developed in industrial sector also. The development in agricultural and industrial sectors seem, therefore, to go hand in hand in almost all the states of the country.

Another study was specially made to estimate the level of development at district level in the State of Orissa since there has been a growing consensus about the need of district level planning. The study utilises data for the year 1990-91 on forty-six different indicators out of which twenty-one indicators depict the progress of development in agricultural sector, eleven in industrial sector and the rest fourteen in infrastructural service sector. The statistical methodologies applied and the conclusions emerging from the study are being presented in a separate session. The study revealed that the districts of Cuttack, Sambalpur, Puri and Ganjam are found to be better developed as compared to the districts of Koraput, Dhenkanal, Sundargarh, Kalahandi, Keonjhar and Phulbani. The district to district variation in respect of development in the industrial sector is of higher order as compared to the variation in agricultural and overall socio-economic development. Further, the overall economic development of different districts are observed to be positively associated both with agricultural and industrial development.

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

The Society continues to be a member of the International Statistical Institute and also of the Indian Association of Social Science Institutions. It is also affiliated to the Federation of Indian Societies of Agricultural Sciences and Technology (FISAST).

The last (45th) Annual Conference of the Society was held at

Karnal from 27 to 29 November, 1991 as per invitation received from National Dairy Research Institute. The Conference was inaugurated by Hon'ble State Minister of Agriculture, Government of India, Shri K.C. Lenka. The Society is thankful to him for inaugurating the Conference. Dr. R.K. Patel, Director, National Dairy Research Institute, Karnal welcomed the delegates. Prof. P.K. Bose, Vice President of the Society announced the name of eminent scientist, Prof. Prem Narain who was selected for award of *Sankhyiki Bhushan* and he read out the citation. Shri K.C. Lenka presented the award. Prof. Prem Narain, Secretary of the Society presented the report of the activities of the Society for the year 1991. The Technical Address "Regression Post-Mortem" was given by Prof. S.K. Mitra, Sessional President. Prof. P.K. Bose, Vice President of the Society, presided over the function and gave the concluding remarks. Dr. Rajvir Singh, Head, Division of Dairy Economics, Statistics and Management, N.D.R.I., Karnal gave the vote of thanks.

The "Dr. Rajendra Prasad Memorial Lecture" was delivered by Prof. R. Radhakrishna, Director, Centre for Economics and Social Studies, Hyderabad. The topic of his lecture was "Food and Nutrition: Challenges for Policy". Shri J.S. Sarma, Vice President of the Society presided over the memorial lecture. There were two symposia organised at the Conference. The symposium on "Return to Investment in Animal Husbandry components of Rural Development Programme" was presided over by Dr. K.K.S. Chauhan, Managing Director, KRIBHCO, New Delhi and the convenors of the symposium were Dr. Rajvir Singh, Principal Scientist and Head, DESM Division, NDRI, Karnal and Dr. P.K. Joshi, Head, Division of Agricultural Economics, Central Soil Salinity Research Institute, Karnal. The second symposium on "Natural selection for evolution of quantitative characters" was presided over by Dr. D.S. Balaine, Director, National Bureau of Animal Genetic Resources and National Institute of Animal Genetics, Karnal and the convenor of the symposium was Dr. V.K. Bhatia, Senior Scientist, IASRI, New Delhi. A session on "Statistical Computing" was organised under the Chairmanship of Prof. P.K. Bose, Vice President of Society. Shri R. Gopalan, Principal Scientist, IASRI, New Delhi was the convenor.

The detailed summaries of the papers presented at the symposia as well as recommendations made have been printed in the Journal, Volume 43, No. 3, December, 1991. As many as 64 technical papers were presented at the Conference. The paper reading sessions were organised by conducting two concurrent sessions on two consecutive days. These sessions were presided over by Shri J.S.

Sarma and Dr. Alope Dey. A session for presentation of papers considered for 'Young Scientist Award' was organised under the Chairmanship of Prof. S.K. Mitra. Three papers were presented and the paper presented by Dr. Diwakar Shukla, Indore University, Indore was judged the best. The scientists who assisted the Chairman to judge the best paper were Dr. Alope Dey, Dr. Padam Singh, Dr. A.K. Srivastava, Dr. O.P. Kathuria and Dr. P.R. Sreenath.

The Society has conveyed its grateful thanks to the Director, NDRI, Karnal for organising the last Conference and also to the chairpersons of various sessions as well as to those who spared their valuable time in making the Conference a great success at Karnal.

The Society provided financial assistance to deserving research workers and students to enable them to attend the Society's Conference at Karnal for presenting their papers.

The railway authorities, as in the past, gave travel concessions to the members of the Society and delegates to the 45th Annual Conference to enable them to attend the Conference at Karnal. The Society records its grateful thanks to the railway authorities.

The accounts of the Society for the year ending 31 March, 1992 were audited by professional auditor appointed by the Society and these were presented at the General Body Meeting.

The work of the Society during the year was made possible through the active help of the members of the Executive Council of the Society, the Editorial Board and the Research Direction Committee. The burden of the entire secretariat of the Society has been willingly borne by my colleagues, Dr. Shivtar Singh, Shri S.C. Rai and Dr. Padam Singh. In the end I wish to thank the staff of the Society for their devoted work.

PREM NARAIN

Secretary, ISAS

INDIAN SOCIETY OF AGRICULTURAL STATISTICS, Library Avenue, Pusa, New Delhi
Balance Sheet as on 31st March, 1992

Previous Year	Liabilities	Current Year
4,00,000.00	Corpus Money	4,00,000.00
	General Reserve	
2,52,239.82	Balance as per last B/sheet	2,52,239.82
	Add: Excess of Income over Expenditure	1,42,610.33
	Publication Reserve	3,94,850.15
50,000.00	Balance as per last B/sheet	50,000.00
	Capital Reserve (Life Membership Fees)	
1,18,019.00	Balance as per last B/sheet	1,18,019.00
	Add: Additions during the year from Individuals	5,056.00
		1,23,075.00
14,934.00	Advance Subscription for Journal (Vol. 44)	20,602.00
	Expenses Payable	
900.00	Audit Fees	700.00
600.00	Remuneration	600.00
	Bank Overdraft	
	Syndicate Bank, Pusa, New Delhi C/A.516 (For Cheques issued but not presented)	2,683.73

Previous Year	Assets	Current Year
	Cash & Bank Balances	
874.17	Cash in Hand	1,519.06
29,844.66	State Bank of India, Parliament Street C/A.	7,036.66
13,327.51	State Bank of India, Parliament Street, Saving A/C.	14,013.96
29,519.63	Syndicate Bank, Pusa, New Delhi, Savings A/C. SB.7793	82,013.28
2,408.77	Syndicate Bank, Pusa, New Delhi C/A. 516	—
		1,04,582.96
	Fixed Deposits	
1,10,000.00	State Bank of India Parliament Street, New Delhi	1,88,825.00
1,50,000.00	State Bank of Indore Connaught Place, New Delhi	—
1,00,000.00	Syndicate Bank, Pusa, New Delhi	3,46,800.00
50,000.00	Canara Bank, Connaught Place, New Delhi	—

	1,12,000.00	With Other companies (As per list)	<u>1,12,000.00</u>	6,47,625.00
		Amount Recoverable		
		Grant in Aid for 91-92 Receivable from ICAR for Printing of Journal	20,000.00	
		TDS	2,355.00	
		Syndicate Bank, Pusa, (for commission charged on collection of Deposits)	<u>397.00</u>	22,752.00
		Stock in Hand		
	1.00	Journals	1.00	
	1.00	symposium	1.00	
	40,040.62	Published Books	<u>37,246.68</u>	37,248.68
		Deficiency Account (Journal)		
	14,741.07	Balance as per last B/sheet	14,741.07	
		Less: Surplus for the year	<u>1,737.00</u>	13,004.07
		Advance to Research Unit		
	1,83,894.39	Balance as per last B/sheet	1,83,894.39	
		Less: Received during the year	<u>16,596.22</u>	1,67,298.17
	<u>8,36,692.82</u>			<u>9,92,510.88</u>

Place : 64, Regal Building,
Connaught Circus,
New Delhi 110001
Dated: 25th June, 1992

Subject to our Report of even date

for C.S. Bhatnagar & Co.
Chartered Accountants
Sd/-
(G.S. Bhatnagar)
Partner

INDIAN SOCIETY OF AGRICULTURAL STATISTICS, Library Avenue, Pusa, New Delhi
Income & Expenditure Account for the year ending 31st March, 1992

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
4,575.00	To Salaries & Honorarium	3,975.00	5,314.00	By Ordinary Membership Fees & Registration Fees	4,655.00
3,431.25	Less: 3/4 trfd. to Journal Account	2,981.25	2,520.00	By Sessional Membership Fees	1,920.00
1,143.75		993.75	3,044.15	By Interest on Savings Bank	2,473.35
	To Other Expenses		44,285.00	By Interest on Fixed Deposits	-1,52,725.35
2,432.20	Postage	3,597.75	2,294.48	By Profit on Published Books	2418.06
1,292.70	Printing & Stationery	1,932.45	50.50	By Sale of Symposium Books	50.00
196.20	Bank Charges	449.50	45,000.00	By C.S.O. Project	42,000.00
319.50	General Charges	202.50	163.00	By Misc. Income (Sale of Waste Paper)	1,736.00
900.00	Audit Fees	700.00	—	By Donation	4,430.00
5,140.60		6,882.20			
3,855.45	Less: trfd. to Journal A/C.	5,161.65			
1,285.15		1,720.55			
22,509.70	To 45 th Annual Conference Expenses	22,017.00			

500.00	To Membership Fees to Indian Association of Social Science Institute	500.00	
1,265.60	To Expenses on V.G. Pause Memorial Lecture	—	
1,396.00	To ISI Conference Fees	5,783.00	
1,198.00	To Membership Fees to International Statistical Institute	—	
33,153.16	To Expenses on C.S.O Project	32,096.98	
7,707.00	To Expenses on Sankhyaki Bhushan Award	3,262.00	
1,597.50	To Young Scientist Award Exp.	1,637.90	
—	To Best Paper Award	1,500.00	
138.70	To Executive Meeting Exp.	286.25	
30,776.57	To Excess of Income over Expenditure C/o to General Reserve A/C.	1,42,610.33	
1,02,551.13		2,12,407.76	2,12,407.76

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS (Research Unit), Library Avenue,
Pusa, New Delhi**
Balance Sheet as on 31st March, 1992

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JOURNAL OF THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year
1,83,894.39	Balance as per last B/sheet	1,83,894.39	8,909.76	Fixed Asset (As per Schedule attached)	8,084.76
	Less: Received during the year	16,596.22	2,046.20	Deposit with Post Office (PF. A/C)	3,213.75
	Expenses Payable		30,000.00	Grant in Aid Receivable	—
900.00	Audit Fee Payable	700.00		Deficit A/C.	
330.00	Telephone Bill Payable	330.00	1,45,894.63	Balance as per last B/sheet	1,45,894.63
2,046.20	P.F. A/C of Sh. Bhiwani Dutt			Add: Deficit for the year	14,228.78
		3,213.75		Advance to Staff	
			120.00	Bhiwani Dutt	120.00
			200.00	Satish Kumar	—
					120.00
1,87,170.59		1,71,541.92	1,87,170.59		1,71,541.92

Income & Expenditure Account for the year ending 31st March 1992

Previous Year	Expenditure	Current Year
38,491.00	To Establishment Expenses	37,901.10
2,447.75	To Printing & Stationery	3,864.92
900.00	To Audit Fees	700.00
1,980.00	To Telephone Expenses	1,820.00
2,720.95	to Travelling & Conveyance	3,197.50
298.65	To Liveries to Staff	—
810.70	To Postage Expenses	1,199.26
134.50	To Repairs	221.00
—	To Legal Exps.	4,500.00
962.00	To Depreciation on Assets	825.00
48,745.55		54,228.78

Previous Year	Income	Current Year
40,000.00	By Grant in Aid from Govt. of India, Ministry of Agriculture, Dept. of Agricultural Co-operation	40,000.00
8,745.55	By Deficit for the year trfd. to Balance Sheet	14,228.78
48,745.55		54,228.78

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS (Research Unit), Library Avenue,
Pusa, New Delhi**

Receipt & Payment Account for the year ending 31st March, 1992

Receipts	Current Year	Payments	Current Year
By Grant Aid Received from Govt. of India, Minist of Agricultural, Dept. of Agricultural Co-operation	40,000.00	To Revenue Expenditure	
By Grant in Aid of the Previous Year	30,000.00	Salaries	37,901.10
By Recovery of loan	200.00	Stationery & Printing	3,864.92
		Audit Fees	900.00
		Telephone Charges	1,820.00
		Travelling & Conveyance	3,197.50
		Postage	1,199.26
		Repairs	221.00
		Legal Expenses	4,500.00
		Amt. ret'd. to Indian Society of Agricultural Statistics	16,596.22
	<hr/> 70,200.00		<hr/> 70,200.00

Income & Expenditure Account (Journal) for the year ending 31st March 1992

AUDITED ACCOUNTS 1991-92

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
1.00	To Opening Stock (Token Value)	1.00	32,421.20	By Sale & Subs. of Vol.43	50,099.00
42,296.60	To Printing Charges Vol.43	57,653.10	3,884.00	By Sale of Back Volumes	8,463.00
3,431.25	To Staff Salaries	2,981.25	1.00	By Closing Stock	1.00
3,855.45	To Other Expenses	5,161.65	214.00	By Sale of Re-Prints	136.00
612.50	To Printing & Stationery	250.00	15,000.00	By Grant in Aid From ICAR	20,000.00
8,196.50	To postage Expenses	8,385.00	1,176.00	By Misc. Income	—
1,140.00	To Packing Expenses	2,530.00	6,837.10	By Excess of Expenditure over Income	—
—	To Surplus for the year trfd. to Balance Sheet	1,737.00			
59,533.30		78,699.00	59,533.30		78,699.00