

Review of Activities of the Indian Society of Agricultural Statistics for the Year 1995

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, Dr. N.S. Randhawa and Prof. V.L. Chopra. 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. The invitations for organising such conferences are 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. 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 30 lectures so far and the memorial lecture being organised during this conference would be 31st in the series. The society has also been organising a lecture in memory of late Dr. V.G. Panse, who was the guiding spirit behind the society and its activities. The society has so far organised 16 lectures in his honour.

and extend health, family welfare and related facilities to ensure development of entire rural population and give India a new face.

With a view to attain this objective, it is not only necessary to increase agricultural output and develop the material resources which help in increasing it but also to ensure that we lay equal stress, if not more, on the development of human resources too and reduce the burden of a large number of developments on agriculture.

It has been observed that Agricultural Statisticians have been primarily laying the thrust on development of the material resources and other related factors which would help in increasing the agricultural output. Not much stress has been laid on examining the parameters relating to the development of the human resources and the factors which are hampering its growth. Accordingly, efforts have been made to examine the present scenario of human development efforts being made in the States on these crucial aspects- an essential ingredient of the rural development, and help the planners, policy makers to put the things in proper perspective and reframe their policies and plans to attain the objective.

It is felt that, there could be many factors responsible for development of human resources. These could be attributed to the growth of population, literacy, health, family welfare and related factors hampering it like high infant mortality rate, non-participation in family planning measures, desire to have more hands for help in the agriculture and domestic chores and for increasing the earnings of the family. Wide variations in the educational levels amongst men and women, both at the national and State levels could also be contributing significantly to this phenomenon. The study has made an attempt to examine these factors and elicit as to what extent these factors are responsible for this phenomenon.

The study has amply established that we have a long way to go for attainment of our ultimate objective of economic development and upliftment of the society. The dismal performance on all fronts whether it is the eradication of illiteracy, or providing health, family welfare and other developmental facilities in the rural areas have considerably defeated the attainment of the objective. The statistical appraisal amply indicates that even today, from the delivery in the world to the deliverance from the world, people in the rural area remain professionally unattended. Statistics speaks for itself and there is no logic stronger than the logic of facts.

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	22
Life Members	402
Institutional Members	5
Ordinary Members	50
Student Members	2

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	198
Foreign	28

Thus, the total number of members and subscribers during the year was 707.

One of the important activities of the Society, as mentioned earlier, is the publication of its Journal. It has brought out 47 volumes till 1995 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 its 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 publications namely, "Contributions 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 quantification of socio-economic indicators on developmental level

in different states. As is well known, developmental programmes were taken up in the country in a planned way through various Five Year Plans with the main objective of alleviation of poverty. This year, a study was carried out to work out the regional disparities in the level of development in Uttar Pradesh. This is very much needed since there is a growing consensus about the need of district level planning in the country. The study utilises district level data for the year 1991-92 on thirty eight socio-economic indicators out of which eighteen indicators are directly concerned with agricultural development, seven indicators depict the progress of development in the industrial sector and the rest thirteen are indicators of the levels of development in infrastructural service sector. The statistical methodologies applied and the conclusions emerging from the study are being presented separately. The study revealed that the district Ghaziabad ranked first and Chamoli district ranked last in the overall socio-economic development. Wide disparities in the level of development had been observed among different regions of the State. Western region was found to be better developed as compared to other regions of the State. Positive significant association was found between the levels of development in agriculture and industrial sectors indicating that the growth and progress of agriculture and industry had been going hand in hand in the State. Six districts covering about 9 per cent area and little more than 10 per cent population of the State were found to be better developed whereas twenty three districts having 41 per cent area and 35 per cent population were categorised as less developed districts.

The problem of finance for scientific activities, printing of the Journal and other ad-hoc publications could be solved 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 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.

The 48th Annual Conference of the Society was held at Trichur from 15 to 17 December, 1994 on being invited by the Kerala Agricultural University. The Conference was inaugurated by Dr. A. M. Michael, vice Chancellor, Kerala Agricultural University. Prof. Prem Narain, Secretary of the Society presented the report of the activities of the Society for the year. Prof. P. V. Sukhatme, Executive President of the Society presided over the function. The Technical Address "On the use of Spatial Information in the analysis of field experiments" was given by Prof. G. K. Shukla, Sessional President. Prof. K. C. George,

Head, Department of Statistics and Organising Secretary of the Conference gave Vote of Thanks.

“Dr. V. G. Panse Memorial Lecture” was to be delivered by Dr. K.N. Raj, Chairman, Centre for Development Studies, Thiruvananthapuram. Since Dr. Raj could not attend the Conference, the lecture prepared by him was read by Prof. Prem Narain. The topic of the lecture was “Area, output and yield of coconut trees in Kerala”.

The “Dr. Rajendra Prasad Memorial Lecture” was delivered by Dr. K. Gopalan, former Vice Chancellor, Cochin University of Science and Technology. The topic of his lecture was “Higher Education in India : Prospects and Perspectives.” The lecture was presided over by Dr. A.M. Michael, Vice Chancellor, Kerala Agricultural University. The symposium on “Plantation crops and their role in new economic scenario” was presided over by Dr. M. Aravindakshan, Chairman, Coconut Development Board and the convenors were Dr. O. P. Kathuria, Director, IASRI, New Delhi and Dr. K. V. Peter, Director, NRC for Spices, Calicut. The second symposium on “Utilisation of Available data in Agricultural Research” was presided over by Dr. O. P. Kathuria, Director, IASRI, New Delhi. The convenors of the symposium were Dr. A. K. Srivastava, Principal Scientist, IASRI, New Delhi and Prof. P. V. Prabhakaran, Head, College of Horticulture (KAU), Trichur. A session on Statistical Computing was organised under the chairmanship of Dr. S. S. Pillai, former Joint Director, IASRI, New Delhi. The convenor of the session was Dr. V.K. Bhatia, Senior Scientist, IASRI, New Delhi. The research work carried out by the Research Unit of the Society during the year “On inter district disparities in socio-economic development in Kerala” was presented by Shri S. C. Rai and presided over by Prof. G. K. Shukla.

The detailed summaries of the papers presented at the symposium as well as recommendations made have been printed in the Journal, Volume 47, No. 1, April, 1995. As many as 49 technical papers were presented at the Conference. The paper reading sessions were organised by conducting two concurrent sessions on two days. These sessions were presided over by Prof. S. G. Prabhu Ajgaonkar and Prof. G. K. Shukla. A session for presentation of papers considered for ‘Young Scientist Award’ was organised under the Chairmanship of Prof. G. K. Shukla. Dr. Sarjinder Singh, Punjab Agricultural University, Ludhiana presented the paper which was judged the best. The scientists who assisted the Chairman to judge the best paper were Prof. Prem Narain, Dr. O. P. Kathuria, Prof. S.G. Parabhu Ajgaonkar and Dr. A. K. Srivastava. The Society is thankful to the panel of judges who helped

in grading papers and subsequently at the time of their presentation for Young Scientist Award.

The Society has conveyed its grateful thanks to the Vice Chancellor, KAU, Trichur as well as to Prof. K. C. George 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 Trichur.

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

The railway authorities as in the past, gave travel concessions to the members of the Society and delegates to the 48th Annual conference to enable them to attend the Conference at Trichur. The Society records its grateful thanks to the railway authorities.

The accounts of the Society for the year ending 31 March, 1995 were audited by professional auditor appointed by the Society and these are being presented at the General Body Meeting.

The work of the Society during the year was made possible through the advice and 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 Drs. K. C. Raut, Shivtar Singh, V. K. Bhatia, Padam Singh and Shri S. C. Rai. In the end I wish to thank the Staff of the Society for their devoted work.

P. R. SREENATH

Secretary, ISAS

INDIAN SOCIETY OF AGRICULTURAL STATISTICS, Library Avenue, Pusa, New Delhi
Balance Sheet as on 31st March, 1995

AUDITED ACCOUNTS 1994-95

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year
400,000.00	Corpus Money	400,000.00		Cash & Bank Balances	
457,081.26	General Reserve	457,081.26	1,271.75	Cash in Hand	1,312.57
	Balance as per last B/sheet		7,036.66	State Bank of India, Parliament Street C/A	635.66
	Add: Excess of Income over Expenditure	115,566.80	16,398.60	State Bank of India, Parliament Street (SB A/c)	1,123.78
50,000.00	Publication Reserve	50,000.00	2,305.77	Syndicate Bank, Pusa, New Delhi C/A. 516	1,513.37
131,645.00	Capital Reserve (Life Membership Fees)		10,693.49	Syndicate Bank, Pusa, New Delhi, Savings A/c	138,432.84
	Bal. as per Last B/Sheet	131,645.00		Cheques in-Hand	4,487.00
	Add: Additions during Year	12,615.00		Fixed Deposits	
12,950.00	Advance subscription for Journal (Vol. 47)		2,18,141.00	State Bank of India Parliament Street, New Delhi	176,774.50
		13,181.00	4,24,890.00	Syndicate Bank, Pusa, New Delhi	519,628.00
700.00	Expenses Payable		1,22,621.00	With Other companies (As per list)	34,000.00
	Audit Fees	700.00		Accrued Intt. on F.D.	49,724.65
	Royalty on Books	150.00			780,127.15
	Estab. Charges	2,200.00			
		3,050.00			

		Amount Recoverable	
	397.00	Syndicate Bank, Pusa	—
	420.00	Advance to Staff	—
	2,355.00	TDS	<u>2,355.00</u> 2,355.00
		Stock in Hand	
	1.00	Journals (Token Value)	1.00
	1.00	Symposium (Token Value)	1.00
	<u>30,128.11</u>	Published Books	<u>27,383.61</u> 27,385.61
		Deficiency Account (Journal)	
	19,932.02	Balance as per last B/sheet	19,932.02
		Add ; Deficit for the year	<u>22,986.57</u>
			42,918.59
		Less: Grant from ICAR	<u>30,000.00</u> 12,918.59
		Advance to Research Unit	
	1,95,783.86	Balance as per last B/sheet	1,95,783.86
		Add: Addition during the year	<u>17,063.63</u> 212,847.49
1052,376.26		1,183,139.06	1,052,376.26
			1,183,139.06

Place : 64, Regal Building,
Connaught Circus,
New Delhi 110001

Dated: 30th Oct., 1995

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, 1995

AUDITED ACCOUNTS 1994-95

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
43,854.00	To Annual Conferences	68,431.00	4,130.00	By Ordinary Membership	4,703.00
750.00	To Salaries	1,435.00	1,620.00	By Sessional Membership	—
9543.95	To Postage & Telephones	9,825.36	2,697.10	By Interest on Savings Bank	1,857.18
2,825.61	Printing & Stationery	1,734.32	1,05,287.00	By Interest on Fixed Deposits	221,270.00
184.00	Bank Charges	632.00	4,502.35	By Profit on Published Books	3,720.50
700.00	Audit Fees	700.00	34.00	By Sale of Symposium Books	25.00
500.00	To Subscription	500.00	180.00	By Student Membership	60.00
5,404.00	To Expenses on Sankhyaki Bhushan Award	—	—	By Sale of Waste Paper	1,730.00
585.00	To Young Scientist Award Exp.	1,969.90			
			118,450.45		233,365.68

—	To Best Paper Award	4,000.00		
2,203.50	To Executive Meeting Exp.	16,127.30		
836.46	To Miscellaneous Exp.	1,411.00		
4,638.00	To Financial Assistance	3,844.00		
	To Subscription to ISI	7,189.00		
46,425.93	To Excess of Income over Expenditure C/o. to General Reserve	115,566.80		
118,450.45		233,365.68	118,450.45	233,365.68

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS (Research Unit), Library Avenue,
Pusa, New Delhi**
Balance Sheet as on 31st March, 1995

AUDITED ACCOUNTS 1994-95

Previous Year	Liabilities	Current Year	Previous Year	Assets	Current Year	
1,95,783.86	INDIAN SOCIETY OF AGRICULTURAL STATISTICS :		7,054.00	Fixed Asset	6,133.00	
	Balance as per last B/sheet	195,783.86	3,390.45	Deposit with Post Office (PF. A/C)	3,773.65	
	Add: Addition during the year	17,063.63		Deficit A/C		
	Expenses Payable		1,89,309.86	Balance as per last B/sheet	189,309.86	
700.00	Audit Fee Payable	700.00		Add: Deficit for the year	17,904.63	
3,390.45	P.F. A/C of Sh. Bhiwani Dutt	3,773.65	4,473.65	120.00	Advance to Staff	200.00
1,99,874.31		217,321.14	1,99,874.31		217,321.14	

**INDIAN SOCIETY OF AGRICULTURAL STATISTICS, Library Avenue,
Pusa, New Delhi**

Income & Expenditure Account (Journal) for the year ending 31st March 1995

Previous Year	Expenditure	Current Year	Previous Year	Income	Current Year
1.00	To Opening Stock (Token Value)	1.00	51,673.00	By Sale & Subs. of Vol.	50,441.00
64,364.00	To Printing Charges	70,274.40	2,900.00	By Sale of Back Volumes	10,790.50
2,250.00	To Staff Salaries	2,865.00	1.00	By Closing Stock	1.00
4,352.20	To Printing & Stationery	3,667.17	19,370.70	By Excess of Expenditure over Income	22,986.57
4,977.50	To Postage Expenses	7,411.50			
75,944.70		84,219.07	73,944.70		84,219.07

Income & Expenditure Account for the year ending 31st March 1995

Previous Year	Expenditure	Current Year
44,755.00	To Establishment Expenses	46,755.00
5,651.22	To Printing & Stationery	3,468.63
700.00	To Audit Fees	700.00
1,779.00	To Travelling & Conveyance	2,657.00
182.75	To Cycle Repairs	103.00
—	To Legal Exps.	3,300.00
1,362.00	To Depreciation on Assets	921.00
54,429.97		57,904.63

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
150.00	By Sale of Cycle	—
14,279.97	By Deficit for the year trfd. to Balance Sheet	17,904.63
54,429.97		57,904.63