

INDIAN SOCIETY OF AGRICULTURAL STATISTICS

REVIEW OF ACTIVITIES FOR THE YEAR 2001

The Indian Society of Agricultural Statistics, a scientific body, was founded on January 03, 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 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 also the privilege of having as its Presidents Shri S.K. Patil, Bharat Ratna Shri C. Subramanian, Shri Jagjivan Ram, Padma Vibhushan Dr. M.S. Swaminathan, Dr. O.P. Gautam, Shri Buta Singh, Dr. N.S. Randhawa, Padma Bhushan Prof. P.V. Sukhatme and Prof. V.L. Chopra. All of them took keen interest in the activities of the Society and were a source of great inspiration. The Society has attained its present status primarily due to the untiring efforts and guidance of its Presidents in the past and Padma Bhushan Dr. R.S. Paroda, the President at present. The farsightedness, overall guidance and unstinting support from the eminent statisticians, 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. The invitations for organizing such conferences are received from State Governments, universities and other research organizations. It provides a wider platform for exchange of ideas. During each annual conference, the Society organizes one or two symposia keeping in view the current national interest as well as problems of interest in the region where the conference is organized. The Society brings out a Journal, one volume consisting of three issues (April, August, December) 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 Dr. Rajendra Prasad, a memorial lecture is organized during the Conference. The Society has organized 37 lectures so far and the memorial lecture being organized during this Conference would be 38th in the series. The Society has also been organizing a lecture in memory of Dr. V.G. Panse, who was the guiding spirit behind the Society and its activities.

The Society has so far organized 22 lectures in his honour. To perpetuate the memory of Prof. P.V. Sukhatme, the Society has instituted from the year 1998 an award called Prof. P.V. Sukhatme Gold Medal Award which is given to a well known active scientist who has made significant contribution in Agricultural Statistics and/or allied fields and has keen interest in the activities of the Society. The Society is also organizing Dr. D.N. Lal Memorial Lecture Award from the year 2000. The lecture is to be arranged at Indian Agricultural Statistics Research Institute, New Delhi and an eminent scientist/research worker would be invited to deliver the lecture.

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	25
Life Members	495
Ordinary Members (Annual)	16
Student Members (Annual)	<u>7</u>
	<u>543</u>

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	202
Foreign	13

Thus, the total number of members and subscribers during the year was 758.

One of the important activities of the Society, as mentioned earlier, is the publication of its Journal. It has brought out 54 volumes 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 particularly in the publication of its Journal. With a view to promoting research in Statistics and thereby improving the standard of its Journal, the Society has been awarding prizes for the best papers published in its Journal for every two years period, starting from 1987 in the fields of Design of Experiments, Sampling Theory, Statistical Genetics, Statistical Methodology and Applied Statistics.

The country is proud of eminent statisticians who contributed significantly to the cause of Agricultural Statistics in India and abroad. Due to their untiring efforts, Agricultural Statistics in the country stand on a fairly sound footing. The Society is honouring these eminent statisticians by conferring the Sankhyiki Bhushan Award. For encouraging the young scientists towards significant research in Agricultural Statistics, the Society has instituted an award ISAS Young Scientist Award in the field of Agricultural Statistics which is given to the deserving candidate.

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 and all the copies have been sold out. The book was reprinted during 1997. Another important publication "Statistical Methods in Animal Sciences" by Shri V.N. Amble brought out by the Society is extremely useful for 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. Prof. P.V. Sukhatme Memorial Volume has been brought out during 1998 by the Society as a part of its Journal, Volume 51, Nos. 2 and 3. These publications contain a number of invited articles from India and abroad.

The Research Unit of the Society was engaged in carrying out research studies relating to evaluation of socio-economic development of different states of the country. Development of social sector along with technology absorption in agriculture and industry which are the principal sectors of our economy, could be considered as the primary objective of any economic development efforts. Development programmes have been taken up in the country in a planned way to bring out uniform regional development because one of the main objectives of planning has been a progressive reduction in the regional disparities in the pace of development. Even though, in agriculture sector, the green revolution has increased the total crop production and in the industrial sector, commendable progress has been made due to implementation of modern improved techniques, yet the regional disparities in the levels of development are not declining over time. This year, an attempt has been made to evaluate the levels of development in agricultural, industrial, infrastructural service and overall socio-economic sectors of different districts of Madhya Pradesh and to classify the districts on the basis of their level of development. The districts have been taken up as the unit of analysis and all the forty five districts of the State (including Chhattisgarh) have been included in the study. The study utilizes data for the year 1994-95 on forty seven indicators out of which twenty three indicators are directly concerned with agricultural development, six indicators depict the progress of development in industrial sector and the rest eighteen indicators present the level of development in infrastructural service sector.

In case of overall socio-economic development, the district of Raisen occupied the first place in the State and the district of Sidhi was found to be at the last position. The development in agricultural and industrial sectors are influencing the overall socio-economic development in the positive direction. Infrastructural facilities along with the development in different sectors are enhancing the level of literacy in the State. Wide disparities in the level of development between different regions of the State have been observed. In order to reduce the amount of disparities in development among different districts, potential targets for various developmental indicators have been estimated for

low developed districts. The statistical methodologies applied, detailed results and conclusions emerging from the study will be presented in a separate session during this Conference by Shri S.C. Rai, Ex-Joint Secretary of the Society.

Another important research work on quantitative assessment of livestock development programmes in States has been done in the Research Unit of the Society during this year. Dr. K.C. Raut, one of the Vice Presidents will present this in the form of a paper on "A Critical Appraisal of the Disparities in Livestock Development Programmes in States" in a separate session during this Conference.

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 is already having the facilities of PC, Laser Printer and Xerox Machine. These facilities have greatly improved the quality of material produced by the Society. E-Mail facility has also been procured in the Society. A Fax Machine has been installed in the Society Office with the generous donation made by Prof. J.S. Rustagi, Vice President of the Society. I take this opportunity to thank him for his kind donation.

The Society continues to be a member of the International Statistical Institute, Netherlands and also of the Indian Association of Social Science Institutions, New Delhi.

The 54th Annual Conference of the Society was held at Department of Agricultural Statistics, Narendra Deva University of Agriculture & Technology, Narendra Nagar, Kumarganj, Faizabad-224 229 (Uttar Pradesh) from 28 to 30 November, 2000. Prof. R. Yamdagni, Vice Chancellor, NDUAT, Faizabad and Patron of the Organizing Committee lighted the lamp at the Inaugural Function on November 28, 2000. Dr. B.B. Singh, Dean, College of Agriculture and Post Graduate Studies, NDUAT, Faizabad delivered the Welcome Address. Review of the activities of the Society was presented by Dr. S.D. Sharma, Secretary Indian Society of Agricultural Statistics and Director, Indian Agricultural Statistics Research Institute, New Delhi. On this occasion Prof. R. Yamdagni, Vice Chancellor, NDUAT, Faizabad released a Souvenir and other publications of the Department of Agricultural Statistics. Eminent Statisticians, Prof. C.R. Rao and Shri V.R. Rao were honoured with the title of Sankhyiki Bhushan Awards by presenting silver plaques, scrolls, shawls and citations by the Chief Guest, Prof. R. Yamdagni. Prof. P.V. Sukhatme Gold Medal Award was presented to Dr. Padam Singh, Additional Director General, Indian Council of Medical Research, New Delhi with a gold medal and citation by the Hon'ble Chief Guest, Prof. R. Yamdagni. The authors of the best papers published in the field of Design of Experiments, Sampling Theory, Statistical

Methodology and Applied Statistics were awarded with a prize of Rs. 2000.00 each (to be shared among authors) with a Best Paper Award Certificate to each of the authors. In the field of Design of Experiments Dr. P.K. Batra, Dr. P.R. Sreenath and Dr. Rajender Parsad, IASRI, New Delhi were awarded the best paper award for their paper entitled ROBUSTNESS OF BLOCK DESIGNS AGAINST INTERCHANGE OF TREATMENTS published in Volume 50, No. 2, August, 1997; in the field of Sampling Theory Shri M.G.M. Khan, Nujhat Jahan and M.J. Ahsan, Aligarh Muslim University, Aligarh were awarded the best paper award for their paper entitled DETERMINING THE OPTIMUM CLUSTER SIZE published in Volume 50, No. 2, August, 1997; in the field of Statistical Methodology, Dr. B.L.S. Prakasa Rao, I S I, New Delhi was awarded for his paper entitled WEIGHTED LEAST SQUARES AND NON-LINEAR REGRESSION published in Volume 50, No. 2, August, 1997; in the field of Applied Statistics Dr. Prajneshu, IASRI, New Delhi was awarded for his paper entitled A NON-LINEAR STATISTICAL MODEL FOR APHID POPULATION GROWTH published in Volume 51, No. 1, April, 1998. Chief Guest Prof. R. Yamdagni, Vice Chancellor, NDUAT, Faizabad delivered the Inaugural Address. Prof. Prem Narain, Executive President of the Society delivered the Presidential Remarks. The Technical Address on AGRICULTURAL STATISTICS AND APPRAISAL OF EMPLOYMENT IN RURAL AREAS - SOME ISSUES was delivered by the Sessional President Dr. B.N. Tyagi. Dr. B.V.S. Sisodia, Professor and Head, Department of Agricultural Statistics, NDUAT, Faizabad and Organizing Secretary of the Conference proposed Vote of Thanks.

Dr. Rajendra Prasad Memorial Lecture was delivered by Shri Sompal ji, Member, Planning Commission, Government of India, New Delhi. This lecture was chaired by Prof. R. Yamdagni, Vice Chancellor, NDUAT, Faizabad.

Dr. V.G. Panse Memorial Lecture was delivered by Dr. Padam Singh, Additional Director General, Indian Council of Medical Research, New Delhi on ERA OF INFORMATION : RELEVANCE OF BASICS IN STATISTICS. This lecture was chaired by Dr. B.N. Tyagi, Sessional President.

During the Conference, two symposia on issues of current interest were organized (i) Symposium on STATISTICAL ISSUES IN NATIONAL AGRICULTURAL INSURANCE SCHEME was presided over by Prof. Prem Narain, Executive President, ISAS. Dr. A.K. Srivastava, Joint Director, IASRI, New Delhi and Shri D.K. Trehan, Economic and Statistical Adviser, Directorate of Economics and Statistics, Ministry of Agriculture, Government of India, New Delhi were the Convenors. The recommendations emerged from the symposium are :

- In the NAIS, area unit level has been reduced from block level to village panchayat level. The pros and cons of reducing the area unit level should be examined.

- For developing crop yield estimates at village panchayat level through farmers' approach should be attempted with caution. Information related to crop yield should also be collected from other experts and appropriately utilized.
- Since interests of farmers are involved in the crop insurance, any methodology must be insulated from the pressures due to interests of stake holders. A continuous vigilance mechanism to maintain their reliability of the system must be an integral part of the approach.
- Any approach to obtain the crop yield estimates at village panchayat level should ensure that it does not have any adverse effect on the system of agricultural statistics.
- Keeping in view the risks and variability existing at spatial level, the spatial variability should also be accounted for in premium determination.
- With respect to application of remote sensing in NAIS context, issues relating to spatial regression and prediction models need to be addressed.

(ii) Symposium on STATISTICS OF HORTICULTURAL CROPS : PROBLEMS AND ISSUES was presided over by Shri V.R. Rao, Former D.G., CSO, New Delhi. Dr. H.V.L. Bathla, Head, Division of Sample Survey, IASRI, New Delhi and Dr. N.S. Sastry, D.G., NSSO, New Delhi were the convenors. The following recommendations emerged from the symposium are :

- The current system of crop inspection and reporting (girdawari) should continue to be the basis of estimates of area under fruits and vegetables despite present shortcomings as this alone is capable of providing the data at the local level of panchayats.
- Simultaneously urgent attention needs to be paid to use the potential of remote sensing and GIS for estimation of area under horticulture crops.
- Discrepancies in the statistics produced by DES and NHB need to be resolved by joint studies.
- IASRI along with experts from Horticulture and Marketing departments should try to evolve a simplified methodology for estimation of production of major horticultural crops. Alternative methods for estimation of production like using data of arrivals in the primary market, etc. might be considered.
- Suitable methodology for estimation of production in case of floriculture, mushroom, herbs, etc. needs to be evolved.

The detailed summaries of the papers presented at both the symposia as well as recommendations are published in Volume 54, No. 1, April, 2001.

Research activities of the Society for the year 2000 was presented by Shri S.C. Rai, Ex-Joint Secretary of the Society during a session and chaired by Dr. B.N. Tyagi, Sessional President. The title of research work was REGIONAL DIMENSIONS OF DISPARITIES IN CROP PRODUCTIVITY IN UTTAR PRADESH. Another research work done during the year was presented by Dr. K.C. Raut, Vice President of the Society and chaired by Dr. B.N. Tyagi, Sessional President. The title of the research work was SOME ASPECTS OF LIVESTOCK DEVELOPMENT IN INDIA : A CRITICAL APPRAISAL.

During the Conference four concurrent sessions were organized for presentation of contributed papers. The contributed paper reading sessions were Chaired by Dr. S.D. Sharma, Director, IASRI, New Delhi; Dr. B.V.S. Sisodia, Professor and Head, Department of Agricultural Statistics, NDUAT, Faizabad; Dr. A.K. Srivastava, Joint Director, IASRI, New Delhi and Dr. V.K. Gupta, Head, Division of Design of Experiments, IASRI, New Delhi. Thirty seven research papers were presented by the delegates during these sessions.

There was a plenary session chaired by Dr. S.D. Sharma, Director, IASRI, New Delhi where the recommendations of the symposia were presented and approved.

The Executive Council meeting of the Society was held on November 28, 2000 under the Chairmanship of Prof. Prem Narain, Executive President. The meeting of the General Body of the Society was held on November 30, 2000. Prof. Prem Narain, Executive President chaired the meeting.

The Society has conveyed its grateful thanks to the Vice Chancellor, Narendra Deva University of Agriculture and Technology, Narendra Nagar, Kumarganj PO, Faizabad (U.P.) for organizing the last Conference and also to the chairmen of various sessions as well as to those who spared their valuable time in making the Conference a great success at Faizabad.

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

The accounts of the Society for the year ending 31 March, 2001 were audited by a professional auditor and will be 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, 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, Dr. A.K. Srivastava, Shri R.S. Khatri, Dr. Shivtar Singh and Shri S.C. Rai. 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, 2001

Previous Year	LIABILITIES	Current Year
600,000.00	Corpus Money	600,000.00
	GENERAL RESERVE	
597,759.70	Balance as per last balance sheet	597,759.70
	Add : Excess of Income over Expenditure	<u>15,036.07</u>
		612,795.77
	PUBLICATION RESERVE	
300,896.00	Balance as per last balance sheet	300,896.00
	Add : Sale of old volumes of Journal	<u>15,561.00</u>
		316,457.00
50,000.00	Dr. D.N. Lal Memorial Lecture Award	50,000.00
	CAPITAL RESERVE (Life Membership Fee)	
322,376.00	Balance as per last balance sheet	322,376.00
	Add : Additions during the year	<u>57,302.00</u>
		379,678.00
	SECURED LOAN	
37,500.00	Loan Against FDR	-
	ADVANCES	
32,837.00	Advance Subscription for Journal (Vol. 54)	15,519.00
	EXPENSES PAYABLE	
2,100.00	Audit Fees	2,100.00
1,943,468.70		1,976,549.77

Previous Year	ASSETS	Current Year
80,411.25	FIXED ASSETS (As per Schedule)	60,307.01
	CASH AND BANK BALANCES	
58.38	Imprest	2,270.88
2,117.64	State Bank of India, Parliament Street S/B	-
59,410.98	Syndicate Bank, IASRI-EC, New Delhi S/B	<u>8,303.98</u>
		10,574.86
	FIXED DEPOSITS	
237,744.00	State Bank of India, Parliament Street, New Delhi	-
650,783.00	Syndicate Bank, Pusa, New Delhi	1,076,297.00
21,000.00	With other companies (as per list)	-
250,963.00	Accrued Interest of Fixed Deposits	<u>143,232.00</u>
		1,219,529.00
	AMOUNT RECOVERABLE/RECEIVABLE	
28,750.00	Grant receivable from ICAR (Journal)	40,000.00
40,153.00	Tax deducted at source	<u>27,054.00</u>
		67,054.00
	STOCK IN HAND	
1.00	Journal (Token Value)	1.00
	Symposia Volume (Token Value)	1.00
99,882.92	Published Books	<u>96,131.37</u>
		96,133.37
	DEFICIENCY ACCOUNT (JOURNAL)	
34,517.89	Balance as per last balance sheet	34,517.89
	Less : surplus for the year	<u>23,766.50</u>
		10,751.39
	DEFICIT OF RESEARCH UNIT	
466,424.64	Balance as per last Balance Sheet	466,424.64
	Add : Advance during the year	<u>45,775.50</u>
		512,200.14
1,943,468.70		1,976,549.77

Place : New Delhi.
Date : 12.11.2001.

As per 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 31 March, 2001

Previous Year	EXPENDITURE	Current Year
49,014.00	To Annual Conference	22,994.00
3,016.00	To Salaries	2,050.00
8,730.75	To Postage and Telephone	4,942.75
946.00	To Printing and Stationery	126.75
200.00	To Bank Charges	115.00
-	To Best Paper Award	7,996.00
-	To Sankhyiki Bhushan Award	10,628.50
2,100.00	To Audit Fee	2,100.00
4,244.00	To Executive Meeting Expenses	2,893.50
-	To Sponsorship Fee IISA-JSM 2000	6,500.00
595.00	To General Expenses	91.00
-	To Subscription to ISI, Netherlands	17,578.00
-	To Repair	479.00
-	To Accountancy charges	2,400.00
723.00	To Conveyance	2,309.00
2,923.00	To Photo Copy Machine Maintenance	8,329.00
-	To Interest on Overdraft	1,925.00
26,803.75	To Depreciation on Assets	20,104.24
23,949.31	To Excess of Income over Expenditure C/o to General Reserve	15,036.07
123,244.81		128,597.81
INCOME		
660.00	By Ordinary Membership Fee	2,210.00
210.00	By Sessional Membership Fee	-
1,370.00	By Student Membership Fee	660.00
4,227.00	By Donation	-
91.20	By Interest on Savings Bank	673.00
109,650.00	By Interest on Fixed Deposits	121,946.36
3,706.61	By Surplus on Published Books	3,108.45
3185.00	By Misc. Income	-
145.00	By Sale of Symposia Books	-
123,244.81		128,597.81

Place : New Delhi.

Date : 12.11.2001.

As per 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 (Journal) for the Year ending 31 March, 2001

Previous Year	EXPENDITURE	Current Year
1.00	To Opening Stock (Token Value)	1.00
80,920.00	To Printing charges (Journal) Vol. No. 53	79,573.00
6,034.00	To Staff Salaries	4,100.00
1,892.00	To Printing & Stationery	253.50
14,699.00	To Postage Expenses	19,343.00
	To Excess of Income over Expenditure	23,766.50
103,546.00		127,037.00
	INCOME	
84,658.00	By Sale and Subscription of Vol. No. 53	82,036.00
1.00	By Closing Stock	1.00
18,887.00	By Excess of Expenditure over Income	-
103,546.00		127,037.00

Place : New Delhi.
Date : 12.11.2001.

As per 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
(Research Unit)

Balance Sheet as on 31 March, 2001

Previous Year	LIABILITIES		Current Year
INDIAN SOCIETY OF AGRICULTURAL STATISTICS			
466,424.64	Balance as per last Balance Sheet	466,424.64	
	Add : Additions during the year	45,775.50	512,200.14
EXPENSES PAYABLE			
1,050.00	Audit Fee	1,050.00	
4,873.60	P.F. Account of Shri Bhawani Dutt	5,088.80	6,138.80
472,348.24			518,338.94
ASSETS			
4,408.70	Fixed Assets (As per Schedule)		
4,873.60	Deposit with Post Office (P.F. Account)		
DEFICIT ACCOUNT			
463,065.94	Balance as per last Balance Sheet	463,065.94	
	Add : Deficit for the year	30,099.20	493,165.14
472,348.24			518,338.94

Place : New Delhi.
Date : 12.11.2001.

As per 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
(Research Unit)

Income & Expenditure Account for the year ending 31 March, 2001

Previous Year	EXPENDITURE	Current Year
92,100.00	To Establishment Expenses	72,000.00
946.00	To Printing and Stationery & Postage	2,107.50
1,050.00	To Audit Fee	1,050.00
1,445.00	To Travelling & Conveyance	4,618.00
416.30	To Depreciation on Assets	323.70
95,957.30		80,099.20
INCOME		
40,000.00	By Grant in aid from Govt. of India, Min. of Agriculture, Deptt. of Agriculture & Cooperation	50,000.00
55,957.30	By Deficit for the Year C/o to Balance Sheet	30,099.20
95,957.30		80,099.20

Place : New Delhi.
Date : 12.11.2001.

As per 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***Schedule of Fixed Assets as on 31 March, 2001*

A. SOCIETY				
Particulars	Opening Balance	Depreciation Rate	Amount (Rs.)	Balance as on 31.3.2001
Computer	32,969.63	25%	8,242.63	24,727.00
Xerox Machine	30,566.63	25%	7,642.61	22,924.00
Fax Machine	16,875.00	25%	4,219.00	12,656.00
	80,411.25		20,104.24	60,307.00
B. RESEARCH UNIT				
Particulars	Opening Balance	Depreciation Rate	Amount (Rs.)	Balance as on 31.3.2001
Furniture & Fixture	452.70	10%	45.70	407.00
Typewriter	159.75	25%	40.75	119.00
Calculator	14.25	25%	4.25	10.00
Library Books	2,858.00	—	0.00	2,858.00
Electric Calculator	38.25	25%	10.25	28.00
Room Cooler	141.75	25%	35.75	106.00
Fans	9.75	25%	2.75	7.00
Steel Almirah	79.50	25%	20.50	59.00
Cycle	654.75	25%	163.75	491.00
	4,408.70		323.70	4,085.00

Place : New Delhi.
Date : 12.11.2001.

As per our report of even date
for C.S. Bhatnagar & Co., Chartered Accountants
Sd/
(G.S. BHATNAGAR)
Partner