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(To be destroyed in 1958)

1937

File No. 11R-3

Subject

Imperial grant to the Indian
Statistical Institute, Calcutta.

Government of Bengal

Education DepartmentB July 37
289-302Education Branch

No. of Proceedings.	Subject.	File No.	Date of order.	Previous Proceedings.	No. of years for which to be preserved.
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Research grant. Copy of letter from the Government of India, sanctioning the grants of Rs. 5,000 and Rs. 4,000 to the Indian Statistical Institute, Calcutta, forwarded to the Director of Public Instruction, Bengal, for information and communication to the Honorary Secretary of the Institute.
File Edn. 11R-3.
Last order 7th July 1937. (20 years.)

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MR. B. M. SEN, M.A., I.E.S.

No.148/Adm/37

289-92

13 July 37

Statistical Laboratory,
Presidency College, Calcutta.

The 29th April, 1937.

To

The Secretary to the Government of Bengal,
Education Department.

Sir,

I have the honour to refer to Memo. No.2000-Edn. dated the 24th June, 1936
and No.2301-Edn. dated the 18th July, 1936 of the Education Department of the
Government of Bengal, and to submit herewith an application (in duplicate)
addressed to the Secretary to the Government of India, Department of Education,
Health and Lands for payment of the ordinary grant of Rs.5000/- for the year
1937-38 sanctioned in Government of India letter No.F.36-7(b)/34-E dated the
3rd April 1935, and the grant of Rs.4000/- earmarked for Sankhya : the Indian
Journal of Statistics, sanctioned in Government of India letter No.F41-6/36-E
dated the 6th June 1936, for favour of being forwarded to the Government of
India at an early date together with the enclosed Annual Report of the
Institute for 1936-37.

Department	Edn
Branch	131
Per No	112/37
Enclosure to P.W.D.	3
Date of Receipt	7/5/37
Branch No	694

I have the honour to be,
Sir,
Your most obedient servant,

P.C. Mahalanobis

Hony. Secretary.

Enclosure : Annual Report and Audited Accounts (in duplicate).

INDIAN STATISTICAL INSTITUTE

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THE HON'BLE MR. NALINI RANJAN SARKER.
MR. B. M. SEN, M.A., I.E.S.

No.147/Adm/37

PHONE: REGENT 50

Statistical Laboratory,
Presidency College, Calcutta.

29th April, 1937.

To

The Secretary to the Government of India
Department of Education, Health & Lands,
Simla.

Through The Education Department, Government of Bengal.

Sir,

On behalf of the Indian Statistical Institute I have the honour to apply for payment at an early date of the ordinary grant of Rs.5000 for the year 1937-38 sanctioned in letter No.F.36-7(b)/34-E dated the 3rd April 1935 and the grant of Rs.4000 earmarked for *Sankhya* : the Indian Journal of Statistics, sanctioned in letter No.F.41-6/56-E dated the 6th June 1936.

2. I have the honour to state that the conditions on which the ordinary grant was sanctioned were laid down in letter No.F.36-7(b)/34-E dated New Delhi, the 3rd April, 1935 in the following form :-

"The payment of this grant will be subject to the usual conditions applicable to educational institutions on the grant-in-aid list in Bengal. The grant will also be subject to the following additional conditions namely,

(i) that an annual report of the working of the Institute, together with a duly audited statement of accounts, will be furnished regularly to the Government of India, and

3

(ii) that the Institute will be prepared to attend to enquiries of a statistical nature, to take up special investigations involving statistical analysis of data and to give special courses of training (extending from one month to a year in duration) in analytic statistics to officers deputed by Government Departments, Universities and other recognised institutions."

In letter No. F.41-27/55-R dated New Delhi, the 11th March 1936 it was decided that the following conditions should be substituted for the usual conditions applicable to educational institutions on the grant-in-aid list in Bengal :-

- (a) "the grant shall be liable to be withdrawn if at any time the Government of India are dissatisfied with the management or work of the Institute; and
- (b) "a seat shall be reserved for a nominee of the Government of India on the Standing Committee of the Institute appointed to initiate and guide research work in connection with the grant sanctioned by the Government of India".

5. The conditions of the grant therefore consist of Clauses (i) and (ii) and Clauses (a) and (b) mentioned above. As a nominee of the Government of India served on the Standing Committee of the Institute during the year under review, condition (b) was fulfilled. Conditions (i) and (ii) also have been fulfilled :-

- (i) The Annual Report and the Audited Accounts are submitted herewith;
- (ii) One hundred and sixteen enquiries of a statistical nature from all over India were attended to during the year under review as noted on ^{page} 6 of the Annual Report, and a large number of special investigations involving statistical analysis of data was completed during the year under review,

fuller details of which are given on pages 4 and 5 of the Annual Report. Special courses of training in statistics were also given to twenty-two officers deputed by Government departments, Universities and other recognized institutions. A complete list is given on page 5 of the Annual Report.

4. I also beg to request the favour of one representative of the Government of India on the Standing Committee for Research for 1937-38 being nominated at an early date.

I have the honour to be,
S i r,
Your most obedient servant,

Sd/- P. C. Mahalanobis

Hony. Secretary.

Accompt :

Annual Report and Audited Accounts.

INDIAN STATISTICAL INSTITUTE

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MR. B. M. SEN, M.A., I.E.S.

No.147/Adm/37

Statistical Laboratory,
Presidency College, Calcutta.

29th April, 1937.

PHONE: REGENT 50

To

The Secretary to the Government of India
Department of Education, Health & Lands,
Simla.

Through the Education Department, Government of Bengal.

Sir,

On behalf of the Indian Statistical Institute I have the honour
to apply for payment at an early date of the ordinary grant of Rs.5000 for
the year 1937-38 sanctioned in letter No.F.36-7(b)/34-E dated the 3rd April
1935 and the grant of Rs.4000 earmarked for Sankhya : the Indian Journal
of Statistics, sanctioned in letter No.F.41-6/36-E dated the 6th June 1936.

2. I have the honour to state that the conditions on which the ordinary
grant was sanctioned were laid down in letter No.F.36-7(b)/34-E dated
New Delhi, the 3rd April, 1935 in the following form :-

"The payment of this grant will be subject to the usual conditions
applicable to educational institutions on the grant-in-aid list in
Bengal. The grant will also be subject to the following additional
conditions namely,

(i) that an annual report of the working of the Institute, together
with a duly audited statement of accounts, will be furnished
regularly to the Government of India, and

(ii) that the Institute will be prepared to attend to enquiries of a statistical nature, to take up special investigations involving statistical analysis of data and to give special courses of training (extending from one month to a year in duration) in analytic statistics to officers deputed by Government Departments, Universities and other recognised institutions."

8/1936
In letter No.F.41-27/35-R dated New Delhi, the 11th March 1936 it was decided that the following conditions should be substituted for the usual conditions applicable to educational institutions on the grant-in-aid list in Bengal :-

- (a) "the grant shall be liable to be withdrawn if at any time the Government of India are dissatisfied with the management or work of the Institute; and
- (b) "a seat shall be reserved for a nominee of the Government of India on the Standing Committee of the Institute appointed to initiate and guide research work in connection with the grant sanctioned by the Government of India".

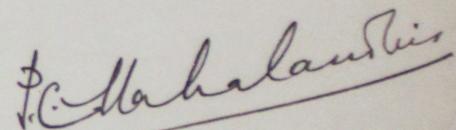
3. The conditions of the grant therefore consist of Clauses (i) and (ii) and Clauses (a) and (b) mentioned above. As a nominee of the Government of India served on the Standing Committee of the Institute during the year under review, condition (b) was fulfilled. Conditions (i) and (ii) also have been fulfilled :-

- (i) The Annual Report and the Audited Accounts are submitted herewith;
- (ii) One hundred and sixteen enquiries of a statistical nature from all over India were attended to during the year under review as noted on page 5 of the Annual Report, and a large number of special investigations involving statistical analysis of data was completed during the year under review,

fuller details of which are given on pages 4 and 5 of the Annual Report. Special courses of training in statistics were also given to twenty-two officers deputed by Government departments, Universities and other recognized institutions. A complete list is given on page 5 of the Annual Report.

4. I also beg to request the favour of one representative of the Government of India on the Standing Committee for Research for 1937-38 being nominated at an early date.

I have the honour to be,
S i r,
Your most obedient servant,



Hony. Secretary.

Accompt :

Annual Report and Audited Accounts.

1937

Government of Bengal

Enclosures:	To	Department	Ed
Maps or plans:	The Secy to the Govt of India Dept of Education Health & Lands	Branch	Ed
Spare copies:	Subject:	File	11R 3
	Indian Statistical Institute, Calcutta - grant-in-aid to 1937-38	Number	
	B July 37 293	Issue number	3537 82
		Date of issue	19.5.37

Reminders issued:—

1st No., dated
 2nd ", dated
 3rd ", dated

The 19th May 1937

Sir,

With reference to my correspondence relating with your letter on the subject mentioned above, I am directed to forward herewith a copy of letter no 147/Adm/37, of 1st 29.4.37 from the Hon'ble Secy, Indian Statistical Institute, Calcutta, together with two copies of the Annual Report and Audited Accounts of the Institute for 1936-37.

Sd. A. Baru
15.5
17.5.37

Dtd.

GOVERNMENT OF BENGAL.

OFFICE OF

Ref B/295

Department	EDN
Branch	4B1
File No.	11B 17
Number of copies	20/5/37.
Serial No.	763.

		DEPARTMENT. GROUP. BRANCH.	Diary or Register No.
Enclosures.	FROM	J. M. Bottomley, Esq., M.A. (Oxon), C.I.E., I.E.S., Director of Public Instruction, Bengal,	Department.
Maps or Plans.			Branch.
Spares Copies.			Collection No.
Class of Papers.			Number and year of File.
Reply No.	Issued Date.	SUBJECT:— B/295	Serial number in File.
			Number and date of orders Issued.

No. 552 dated the 20th May, 1937.
OG-13G-37

To

The Secretary to the Government of Bengal,

Education Department.

Sir,

I have the honour to invite a reference to the correspondence ending with the Education Department Memo: No. 2301-Edn., dated 18th July 1936 and to forward herewith in original an application No. 147/Adm/37, dated 29th April 1937 from Mr. P. C. Mahalanobis, Hon. Secretary, Indian Statistical Institute, Calcutta, together with two copies of the annual report of the Institute for the year 1936-1937.

The application with its enclosure may kindly be forwarded to the Government of India with recommendation of this Government.

The research work merits encouragement and financial assistance.

I have the honour to be,
Sir,
Your most obedient servant,

7.B-125

INDIAN STATISTICAL INSTITUTE

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F.Z.S., M.B.O.U.

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PHONE: REGENT 50

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MR. B. M. SEN, M.A., I.E.S.

Statistical Laboratory,
Presidency College, Calcutta.

No. S/50/57

7.6.37

B 295-96

The 2nd June, 1937.

To

The Secretary to the Government of Bengal,

Education Department.

Sir,

I have the honour to submit herewith an application addressed to the Secretary, Department of Education, Health and Lands, Government of India, for the renewal of the grant to the Indian Statistical Institute on an increased scale, for favour of being forwarded to the Government of India with a suitable recommendation from the Ministry of Education, Government of Bengal.

2. I beg to enclose herewith a copy of D.O. No.F.41-10/37-E dated Simla the 26th May 1937 from Mr. J. E. Parkinson, Educational Commissioner with the Government of India, and I beg to draw your attention to paragraph 2 of this letter in which it is stated that it would be convenient if the application for the renewal of the grant could be submitted through the Government of Bengal so as to reach the Government of India by the end of June 1937. I earnestly hope this will be possible.

(P.T.O.)

3. I also beg to draw your attention to paragraph 1 of Mr. Parkinson's letter, and to request that our application No.147/Adm/37 dated the 29th April 1937 addressed to the Secretary, Department of Education, Health and Lands, Government of India for payment of Rs.4000 for Sankhyā and the ordinary grant of Rs.5000 for 1937-38, which has been already submitted to you, may kindly be forwarded to the Government of India at an early date.

28-7-38
Reply

I have the honour to be,
Sir,
Your most obedient servant,

J.C. Mahalanobis
Hon. Secretary.

INDIAN STATISTICAL INSTITUTE

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MR. B. M. SEN, M.A., I.E.S.

PHONE: REGENT 50

No. S/49/37

Statistical Laboratory,
Presidency College, Calcutta.

The 2nd June, 1937.

To

The Secretary to the Government of India,
Department of Education, Health and Lands,
Simla.

Through the Education Department, Government of Bengal.

Sir,

I am directed by the Council of the Indian Statistical Institute to apply for the renewal of the Government of India grant to the Institute on an increased scale for five years.

2. The Institute is the only organization of its kind in India, and is a representative all-India body with local branches at Poona, Bombay and Mysore. It is rendering useful service to the country in many ways some of which are briefly noted below.

- (a) Researches in theoretical statistics :- Owing to the lack of provision for advanced studies in statistics in the Indian Universities, the Institute is at present practically the only centre for such work in India.
- (b) *Sankhyā* : the Indian Journal of Statistics, which has won international recognition for high scientific standards, is being published with the help of an ear-marked grant from Government.
- (c) Statistical Enquiries : Statistical enquiries from all over India on a wide variety of subjects such as agriculture and animal husbandry, anthropology, biometry, economics, education, forest research, industry,

... irrigation,

irrigation, medicine and public health, meteorology, nutrition research, physiology, psychology etc. are attended to by the Institute. The total number of such enquiries during the last two years (1935-36 and 1936-37) was 221.

(d) Advanced training in statistics : In accordance with the conditions of the Government grant courses of training in analytic statistics are provided every year. Seventy-four officers from various provinces in India and from a number of Indian States were given such training up to the end of March 1937.

(e) Professional Examinations in Statistics. The Institute appointed in 1935 a representative all-India Committee to report on what action should be taken to meet the growing need for trained computers and statisticians. A scheme was prepared by this Committee, with the help of a number of leading statisticians of Europe, for instituting examinations in statistics for the award of certificates and diplomas in statistics, and arrangements have been made for holding the first examinations under this scheme in September 1937. In order to maintain adequate scientific standards the co-operation of Messrs. A. L. Bowley, R. A. Fisher, E. S. Pearson and J. O. Irwin of London, J. Wishart of Cambridge, A. C. Aitken of Edinburgh have been secured either as examiners or moderators for these examinations.

(f) Improvement of Primary Statistics : A committee was appointed in 1935 to report on Indian Official Statistics, and its recommendations, which were favourably received by the different chambers of commerce, universities, and economic associations, are receiving careful consideration by the Government of India. A special discussion was arranged on this subject at the annual meeting of the Institute in April 1937 in which the Director General of Commercial Intelligence and Statistics and representatives of various Chambers of Commerce participated.

(g) Statistical Surveys. Sample surveys with adequate statistical controls are being carried out from time to time with the help of the workers of the Institute. As an example of a recent survey of this kind may be mentioned the survey of hand-loom weaving industry in Bengal in the course of which detailed information relating to about ten thousand families in thirteen districts was collected in 1936. It is believed that the sample survey will have an increasing and fruitful application in India for the study of various complex economic and population problems, and the Institute is prepared to help in this work if it is provided with necessary funds.

(h) Statistical Conference in India. The Institute is organizing a Statistical Conference to be held in Calcutta in January 1938, which will be presided over by Prof. R. A. Fisher who has been invited by the Institute to visit India next winter. The Conference, which will be held every year, is expected to provide opportunities for the discussion of scientific papers and technical problems and also to establish contacts between workers in different parts of the country. The work of the Conference will be carried on in co-operation with the Indian Science Congress and the Indian Economic Conference.

3. It will be seen that the Institute is trying its best to make the public in India seriously interested in the scientific use of statistics for the welfare of the country. Appreciable progress has been made during the last few years, and it is claimed that this has been achieved, in no small measure, through the self-sacrificing endeavours of a band of earnest workers who have firm faith in statistics. The experimental stage is now over, and it is necessary and desirable that the work of the Institute should be placed on a more secure foundation.

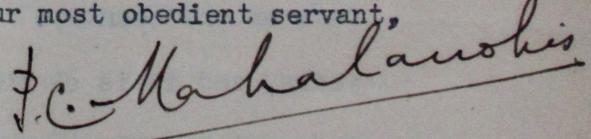
4. The first essential step for stabilising the work of the Institute is the appointment of a small staff of permanent workers. Four scientific workers (two for mathematical and theoretical researches, and two for the training work and applied statistics) on a salary of the order of Rs.200-20-400, four senior computers on a salary of about Rs.75-10-125, and one assistant for administrative work on an allowance of Rs.100-10-150 will enable the work being placed on a satisfactory basis. An annual grant of Rs.18,000 is required for this purpose during the next five years.

5. The Institute is at present receiving a grant of Rs.7000 of which Rs.2000 is earmarked for *Sankhyā* : the Indian Journal of Statistics. It is proposed that this grant should be continued. The ordinary grant of Rs.5000 will be utilised as at present for the award of stipends for research students, appointment of junior computers, purchase of books, payment of fees to examiners and moderators for conducting the examinations in statistics etc, and Rs.2000 will continue to be earmarked for the Journal.

6. I have the honour to apply therefore for the renewal of the existing grant and for an additional annual grant of Rs.18,000 or a total annual grant of Rs.25,000 (inclusive of the existing grant) for five years.

I have the honour to be,
Sir,

Your most obedient servant,



Hon. Secretary.

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THE HON'BLE MR. NALINI RANJAN SARKER.

MR. B. M. SEN, M.A., I.E.S.

Statistical Laboratory,
Presidency College, Calcutta.

The 2nd June, 1937.

To

The Secretary to the Government of India,
Department of Education, Health and Lands,
Simla.

Through the Education Department, Government of Bengal.

Sir,

I am directed by the Council of the Indian Statistical Institute to apply for the renewal of the Government of India grant to the Institute on an increased scale for five years.

2. The Institute is the only organization of its kind in India, and is a representative all-India body with local branches at Poona, Bombay and Mysore. It is rendering useful service to the country in many ways some of which are briefly noted below.

- (a) Researches in theoretical statistics :- Owing to the lack of provision for advanced studies in statistics in the Indian Universities, the Institute is at present practically the only centre for such work in India.
- (b) *Sankhyā* : the Indian Journal of Statistics, which has won international recognition for high scientific standards, is being published with the help of an ear-marked grant from Government.
- (c) Statistical Enquiries : Statistical enquiries from all over India on a wide variety of subjects such as agriculture and animal husbandry, anthropology, biometry, economics, education, forest research, industry,

... irrigation,

irrigation, medicine and public health, meteorology, nutrition research, physiology, psychology etc. are attended to by the Institute. The total number of such enquiries during the last two years (1935-36 and 1936-37) was 221.

(d) Advanced training in statistics : In accordance with the conditions of the Government grant courses of training in analytic statistics are provided every year. Seventy-four officers from various provinces in India and from a number of Indian States were given such training up to the end of March 1937.

(e) Professional Examinations in Statistics. The Institute appointed in 1935 a representative all-India Committee to report on what action should be taken to meet the growing need for trained computers and statisticians. A scheme was prepared by this Committee, with the help of a number of leading statisticians of Europe, for instituting examinations in statistics for the award of certificates and diplomas in statistics, and arrangements have been made for holding the first examinations under this scheme in September 1937. In order to maintain adequate scientific standards the co-operation of Messrs. A. L. Bowley, R. A. Fisher, E. S. Pearson and J. O. Irwin of London, J. Wishart of Cambridge, A. C. Aitken of Edinburgh have been secured either as examiners or moderators for these examinations.

(f) Improvement of Primary Statistics : A committee was appointed in 1935 to report on Indian Official Statistics, and its recommendations, which were favourably received by the different chambers of commerce, universities, and economic associations, are receiving careful consideration by the Government of India. A special discussion was arranged on this subject at the annual meeting of the Institute in April 1937 in which the Director General of Commercial Intelligence and Statistics and representatives of various Chambers of Commerce participated.

(g) Statistical Surveys. Sample surveys with adequate statistical controls are being carried out from time to time with the help of the workers of the Institute. As an example of a recent survey of this kind may be mentioned the survey of hand-loom weaving industry in Bengal in the course of which detailed information relating to about ten thousand families in thirteen districts was collected in 1936. It is believed that the sample survey will have an increasing and fruitful application in India for the study of various complex economic and population problems, and the Institute is prepared to help in this work if it is provided with necessary funds.

(h) Statistical Conference in India. The Institute is organizing a Statistical Conference to be held in Calcutta in January 1938, which will be presided over by Prof. R. A. Fisher who has been invited by the Institute to visit India next winter. The Conference, which will be held every year, is expected to provide opportunities for the discussion of scientific papers and technical problems and also to establish contacts between workers in different parts of the country. The work of the Conference will be carried on in co-operation with the Indian Science Congress and the Indian Economic Conference.

3. It will be seen that the Institute is trying its best to make the public in India seriously interested in the scientific use of statistics for the welfare of the country. Appreciable progress has been made during the last few years, and it is claimed that this has been achieved, in no small measure, through the self-sacrificing endeavours of a band of earnest workers who have firm faith in statistics. The experimental stage is now over, and it is necessary and desirable that the work of the Institute should be placed on a more secure foundation.

4. The first essential step for stabilising the work of the Institute is the appointment of a small staff of permanent workers. Four scientific workers (two for mathematical and theoretical researches, and two for the training work and applied statistics) on a salary of the order of Rs.200-20-400, four senior computers on a salary of about Rs.75-10-125, and one assistant for administrative work on an allowance of Rs.100-10-150 will enable the work being placed on a satisfactory basis. An annual grant of Rs.18,000 is required for this purpose during the next five years.

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I have the honour to be,
Sir,
Your most obedient servant,

P.C. Mahalanobis
Hon. Secretary.

GOVERNMENT OF INDIA

D.O. No.F.41-10/37-E.

Department of Education, Health & Lands.

Simla, the 26th May, 1937.

Dear Mr. Mahalanobis,

Please refer to your letter No. 149/Adm/37, dated 10th May 1937.

Orders on your application for the payment of the grant of Rs.4,000 for Sankhya and the ordinary grant of Rs.5,000 for 1937-38 will be issued as soon as it is received from the Government of Bengal.

2. I find from page 16 of the Annual Report of your Institute for 1936-37 that you intend to apply to the Government of India for renewal of their annual grant which would normally terminate at the end of the current financial year. It will be convenient if your application could be submitted through the Government of Bengal so as to reach us by the end of June 1937.

Yours sincerely,

Sd : J. E. Parkinson

To

P. C. Mahalanobis, Esquire, M.A., I.E.S.,
Honorary Secretary, Indian Statistical Institute.

True copy.

P. C. Mahalanobis
3/6/37