

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE.

POONA 5.

1<sup>st</sup> Aug 1940

My dear Professor Krishnan,

With reference to your letter dated the 30<sup>th</sup> July regarding the suitability of Dr. S. C. Roy, Director of the Burma Meteorological Service and of Dr. Muhammad Ishaque of Aligarh for election to the Fellowship of the National Institute of Sciences, I write to say that I consider Dr. Roy to be a suitable person for election. Regarding Dr. Ishaque, I am not in sufficiently intimate touch with the subject of molecular spectroscopy in which he has specialised to enable me to give ~~an~~ an opinion.

I remain,

Professor K. S. Krishnan F.R.S.  
210 Bowbazar Street  
Calcutta

Yours sincerely,  
K. Ramanathan

BY AIR MAIL

AIR LETTER

IF ANYTHING IS ENCLOSED  
THIS LETTER WILL BE SENT  
BY ORDINARY MAIL.



*Replied  
W.R.C.*

Sir K. S. Krishnan F.R.

C/o The Royal Institution  
21 Albemarle Street  
London, W1.

CORR - 66

↑  
First fold here  
↓

← Second fold here →

Sender's name and address:—

*Dr. K. R. Ramaswami*

*Officer on Special Duty*

*Upper Air Office*

*Lodi Road, NEW DELHI*

*INDIA*

↑  
To open cut here  
↓

← To open cut here →



New Delhi

14 / 6 / 46

My dear Krishnan,

I was glad to see  
your name in the list  
of new Knights. I trust  
that your sword will  
be of use in fighting  
for honest Science in  
India

I returned from tour  
day before yesterday.

I spent a couple of days  
at Bangalore with ~~Dr. S. S.~~

Professor. He is engaged

(2)

in work. He seems to have made up his mind to start his Institute as early as possible.

You must have received the reports you wanted from Mr. Chorghade.

Please write once in a way.

You must have seen that Ramdas has an M. B. E.

With best wishes,

Yours affectionately  
K. B. Panamathur

Poona.

20/8/49.

My Dear Krishnan,

Mr K. V. Rao of our Library Section reminded me today of the two volumes of Annalen der Physik which ~~is~~ are <sup>to be</sup> ~~for~~ returned.

The volumes are Nos. 28 (1937) and 31 (1938).

Could you kindly ask the gentleman concerned to return the volumes to the Met. Office, Poona 5 by registered post?

I shall be back in Ahmedabad on the morning of Monday the 22<sup>nd</sup> ..

Yours affectionately  
K. R. Ramanathan

Dr S. V. came here for the wedding & is returning tomorrow with me to Bombay.

Dr Ramdas ~~is~~ has naturally been very busy, but is quite cheerful — though his recent <sup>with B.</sup> bouts are making him more & more ~~subdued~~ restrained.

THE AHMEDABAD EDUCATION SOCIETY.

Prof. K. R. RAMANATHAN, M.A., D.Sc.  
DIRECTOR.

PHYSICAL RESEARCH LABORATORIES,  
Navrangpura,  
AHMEDABAD.

1/9

30th August, 1949.

My dear Professor Krishnan,

As the question of issuing invitations to a few foreign scientists, for the ensuing Science Congress at Poona is likely to be receiving your attention, Dr. Vikram Sarabhai and myself wish to suggest the name of Prof L. Janossy, Head of the Department of Cosmic Ray Physics at the Institute of Advanced Studies, Dublin, Eire, for inclusion among the guests.

If Prof. Janossy comes to India, we shall be glad to invite him to give a course of lectures on Cosmic Ray Physics in the Physical Research Laboratory, Ahmedabad.

With kind regards,

Yours sincerely,

*K R Ramanathan*

To

Sir K. S. Krishnan, F.R.S.,  
Director, National Physical Laboratory, and General President,  
University Buildings,  
Delhi. *Indian Science Congress*

Confidential

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

30-1-44

My Dear Krishnan,

I was in Bombay yesterday and met Dr. Bhathe and Lt-Col Sakhay. Bhathe told me about his meeting with you and the reply you sent re: the formation of an all-India Academy. He also showed me his letter to Prof. Sahu. I am convinced that in the interests of Indian Science it is necessary that both Sir C.V and Prof Sahu should join and lead in the formation of an all-India body. Generally, we shall later have much uphill work, having to undo a lot of mischief which may be done. This question should not be confused with the other one which faced you in Nov ~~or~~ Dec. We have to will to form a body of competent scientific men ~~which~~ who will

guide the future progress of science in this country. To my mind, Bhattha's six points are acceptable and I understand, you also feel the same way.

The first six of the new Academy (or whatever we call it) should be the six Indian fellows of R.S. and Sir C.V. should be its first President. Either you or Bhattha should be its first Secretary and Prof Sahu the Foreign Secretary - Representatives from other sciences will have to be added.

You have probably met Professor and discussed. I am also writing to Professor. Would you kindly do your best to induce Prof Sahu to join? I do not see why participating in a body like this should seriously <sup>interfer</sup> ~~interfere~~ with one's individual scientific work. Even if it does to some extent, we have

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

24/9/40

My dear Krishnan,

I have sent the nomination form proposing Dr. K. Banerjee to the Secretary of the Academy, recorded & supported.

You wrote some some time ago that Dr. K.V. Krishnan may be coming over to Bombay some ~~some time~~ in this or the next month. If he does come, I shall be very glad indeed if he will stay with me. I shall write to him also direct.

I heard from Venkateswara that he has news <sup>that</sup> you are likely to leave Assam before long. Any further developments with Dr. Bhattacharya or elsewhere?

Is anything likely to take you  
this side in the near future?  
Remember that Venkateswara also  
is here

Yours affectionately,

K. Ramaswami

---

7

Ramesh  
has seen  
your letter

K. R. RAMANATHAN,  
M.A., D.Sc.

SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

1/8/40

My dear Krishnan,

Your letter dated the 30<sup>th</sup> July.

You ask quite an interesting question — asking for details about a person of whose name you are not sure! Anyhow, here ~~is~~ <sup>are two</sup> random guesses.

1. The name of the young man is Mr. S. Venkataraman. He is a First Division Assistant in the Poona office getting Rs 100—10/- 300. He was a student of Amalal, a first-class in B.Sc & M.Sc & worked under Professor on measurement of adiabatic coefficient of compressibility of liquid by refractometric method. A bright young man — ~~sure~~ <sup>sure</sup> & does well in the Department and now preparing for Audit & Accounts Exam. Age 23—24. Belongs to Kousika Gothram

you write to me  
to Ramesh

Enclosure is copy of horoscope.

The young man rejected a number of offers this year and has probably some particular person in view — ~~to~~ get tied up after knowing what can be done in the audit & Accounts.

(2) Second Guess

Name - V. N. Ramakrishnan  
 Age about 24. Recently  
 joined Delhi office as a typist  
 on Rs 40 - - - 120. Belongs to  
 Palghat — son of an old teacher  
 of mine Mr. V. S. Narayana Iyer.  
 Understand Ramakrishnan  
 is a bright lad — B.Sc. in  
 Maths — shorthand & Typewriting.  
~~the~~ However able, will have  
 uphill work climbing up.

If both these guesses are wrong,  
 give ~~me~~ <sup>us</sup> exact name and  
 we shall try to give you definite  
 information.

Yours affly  
 K. R. Ramanathan

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

24/3/41

My dear Krishnan,

We were glad to hear that  
Dr. Bhalke has got the Fellowship.  
I wonder when Chandrasekhar's turn  
will come.

Korambi told me that you  
have decided to have the next Annual  
meeting of the Academy at Nagpur.  
It appears that the meeting of the  
Indian Math. Society is to be <sup>held</sup> at Aliyark  
on the dates 27<sup>th</sup> to 29<sup>th</sup> Dec.  
It ~~would~~ <sup>will</sup> be good if the <sup>date of the</sup> meetings of  
of the Academy can be so arranged  
that the Mathematicians going north  
can also attend the meetings at  
Nagpur. Dr. Vaidyanathaswami is  
at the man at the helms. If  
you think it worth while, you may get  
into touch with him and arrange  
the dates suitably.

METEOROLOGICAL OFFICE  
COOIMA E.  
1901

K. R. RAMANATHAN  
D.D.  
MADRAS  
SUPERINTENDING METEOROLOGIST

We have been rather worried about  
Professor's projected trip to America  
now. I wonder whether it is worth  
while.

Yours effectually

K. Ramanathan

Korambi told me that he has  
about  $\frac{1}{2}$  a dozen copies of your  
photograph (enlargement) which he took  
and would like to know from you  
whether you would care to have them.  
It appears that you wanted some  
copies

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

Confidential

21<sup>st</sup> July 1940

My dear Krishnan,

I am sending herewith  
a letter from my son-in-law  
Venkataraman. If you think that  
it would be proper and possibly help-  
ful, kindly speak to Dr. K. V. Krishnan  
if necessary, I shall also write to  
K. V. K. direct. Venkataraman had  
a first class in his B.Sc. (Zoology)  
and did his M.Sc. by Research in  
Entomology under Dr. T. V. Ramakrishna-  
yer. He later worked under Sopalaya  
as a Madras University Research scholar.  
He has been doing Sugarcane Entomology  
since joining the T. C. A. R. and is  
now getting <sup>160</sup> ~~160~~ on the emoluments. He has

done a good amount of microscopic  
work.\*

We would like to hear "news"  
about your future in due course

Yours always,

K. Ramanathan

\*

He is now Anatomical Assistant  
to the Sugarcane Entomologist.

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

6/3/40

My dear Krishnan,

We are all very  
happy indeed to hear that  
you have been elected to  
the Royal Society. That you  
may continue to contribute  
substantially to Physics and  
to the further growth of ~~the~~  
Science in India ~~is my~~  
for many a long year is  
my cherished wish and prayer.

Yours affectionately  
K. Ramanathan

---

METEOROLOGICAL OFFICE

POONA 2

K. R. RAMANATHAN

M.A. D.Sc.

SUPERINTENDING METEOROLOGIST

P. S.

Please let me know  
in due course when  
you propose to go to Europe.

Confidential.

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

13.7.40

My dear Krishnan,

You must have received our yesterday's telegram that represents our first reaction to the idea of your leaving Physics. For, there is no use having any illusion about your being able to continue doing first-rate work in Physics after taking up an administrative post. Discussing and criticising the work of a number of others for a number of hours a day would cause a state of mental tiredness which is sure to reduce considerably ~~your~~ <sup>your</sup> own individual output of work. But if that is taken for granted and the reports about it are not likely to be keen, there are <sup>the following</sup> obvious advantages in accepting Dr. S. S. B's offer.

First, the immediate <sup>possibly also, the</sup> and ultimate financial gain ~~is~~ are great. <sup>Secondly,</sup> you will be able to influence the policy of a growing and all-important branch of our national activities at a critical period of its ~~growth~~ growth. Lastly, (perhaps not to be much worried about), you will be able to take care that S. India is

not entirely forgotten in these developments.

Even as you are, your financial position is bound to improve, if you stick to pure Physics, <sup>remaining</sup> now at the Association and later ~~elsewhere~~ going elsewhere <sup>only</sup> when a <sup>really</sup> good chance offers itself. You have to remember that ~~your expenses in your present position are~~ you have now a unique position in the Indian scientific world and there are no others who can immediately take it if you leave it. ~~But~~ We haven't too many men of science in the country.

At this distance, it is <sup>not</sup> possible for us to appreciate fully your financial position and requirements. Unless they <sup>letter</sup> are very pressing, I would say, ~~stick on~~. "hold on".

Yours affectionately  
K. Ramanathan

**No**  
**Dr. S. S. Bhatnagar**  
**P.S.**  
Mr. B. It is no doubt in Bhatnagar's interest to catch you. He can then impress the world with the quality of his staff. At present there is only Dr. Parthasarathy!

There are two reasons, strong reasons, against your having anything to do with Dr. S. S. Bhatnagar, —  
(1) Once you get into service do not forget that

You will be "under orders" of Bhatnagar with rapidly diminishing opportunities for expressing your individuality. In short a 2nd fiddle under S.S. B is not at all an attractive affair!

(2) What will be Professor's re-actin to your going under Bhatnagar? He will surely feel inwardly the magnitude of the loss, both to him and to Science, bitterly. What <sup>he</sup> happens <sup>you</sup> will <sup>be</sup> his successor at Bangalore.

If Bhatnagar's idea is only to secure your good-will by saying with the offer (after all it is only a proposal ~~or may not~~ which <sup>you</sup> may turn down) it is better not to discuss it <sup>with him</sup> seriously. If he is really interested in you, he shall show it by giving grants (say Rs 20,000 or more) for special work under you in the Association. A 1,000/- in the Association may be taken as equivalent to 1,500/- in any department.

Poona

15/10/41

My dear Krishnan,

I ~~was~~ read with great pleasure your lecture on "The place of fundamental research in Industrial Progress". It is good that the lecture was delivered at Bangalore and that you took care to put ad hoc research in its proper place. Edison was far excellence the ad hoc researcher ~~man~~, but is there any body to excel Pasteur as one who combined pure research and ad hoc research?

I hope that the Hindu's leadership will be a prelude to the Editor's taking a live interest in ~~the subject~~ establishing an Institute of Fundamental Research in S-India.

I look forward to your promised visit to Poona & Bombay early in December.  
With my respects  
to Professor,

Yours affectionately  
X Mamanathan

K. R. RAMANATHAN,  
M.A., D.Sc.  
SUPERINTENDING METEOROLOGIST.

METEOROLOGICAL OFFICE,  
POONA 5.

10 / 5 / 43

My dear Krishnan,

Your letter of 6/5/43.

Very glad to hear that you will be coming to Poona towards the end of this month. Ramdas has been informed.

On the 29<sup>th</sup>, Dr. Normand is also coming & will be in Poona till the 3<sup>rd</sup>. He will probably stay with me — getting his principal meals outside. That should not deter you from staying with me this time.

I got the Triandrum ~~thesis~~ thesis three days ago. You must also have got it now.

The answer-books of the Allahabad M.Sc. students (Previous) have just been gone through and I find some of the

answers remarkably good.

Whatever the reason, I have little doubt that the M.Sc. chaps there are getting some good grounding in Physics.

You remember my speaking to you about my nephew at Guntur. He has, I understand, passed his B.Sc. Hons with a first class & will probably take a high rank. I am waiting to hear from Bhagavantam before deciding whether to send him to you for his M.Sc. at Allehabad for a surer grounding in the subject or send him to Bangalore for research.

My feeling is — you may not stay long at Allehabad.

Yours affectionately,  
K.R. Ramanathan

Auroral Observatory,  
Tromsø, Norway.

31/8/48.

My dear Krishnan,

I came to Tromsø for Stockholm a couple of days ago. Tromsø is in the extreme north-west of Norway at  $69^{\circ} 40' N$ . It is a small town with about 10,000 inhabitants on an island surrounded by fjords. Across the fjords, within a distance of 4 - 6 km, snow lies in patches on the hills at a height of about 500 m. above sea-level. The wreck of the German battleship 'Tirpitz' is lying in a corner of the harbour, ~~an~~ <sup>an</sup> object of <sup>mere</sup> idle curiosity to the sight-seer and tourist.

Apart from the fun of travelling in the far north by train, bus and air, my main interest in coming to this place was to see the Auroral Observatory here — a geophysical station doing systematic observational work on auroral, earth's magnetism and ~~is~~ ionospheric reflections. Travel to this place & stay here have been a most enjoyable experience — and in this season at any rate, neither the climate nor the position of the place has given me any discomfort. There is an excellent Hotel here and I dined tonight on bread (both ordinary & crisp), butter, boiled

cauliflower, carrots, lime, cucumber, cream, milk  
 + coffee. I had lunch with the Director  
 of the Observatory, Dr. Tomsberg. The menu was  
 nearly the same, except that Cabbages replaced  
 cauliflower and rich butter milk replaced milk.

Tromsø is also the Regional Met. Centre  
 for North Norway and is the <sup>northern</sup> terminus for  
 Norwegian Air Lines. It was interesting to see  
 the working of one of the Distant Forecast Centres  
 of the Norwegian Met. Service.

I am returning to Oslo by air on the 5<sup>th</sup> August.

In Sweden, I spent nearly a week, one  
 day of which was spent in Siegbek's Physical  
 Research Institute at Frescati in the suburbs  
 of Stockholm, and another day in the old  
 University town of Uppsala. I spent a good  
 deal of time in the State Institute for Meteorology  
 + Hydrology.

Siegbek's Institute is a great place for  
 experimental work. There are more than  
 20 young men working, most of them  
 recently come out of Technical High Schools.

(3)

Almost every kind of precision instrument is constructed in the Institute's workshops. Cyclotrons, betatron, van de Graaf generator, molecular pumps, electron microscopes, positive-ray spectrographs for separation of isotopes etc etc - An Indian student Mr S. Ghosh from Calcutta is working in Prof. Siegbahn's Institute and gets every facility for work.

At Uppsala, I visited the High Tension Research Institute, presided over by Dr Norinder. It was started many years ago ~~by~~ with a donation of 1 million Kroner from a Swedish Hydro-Engineer for the purpose of investigating lightning discharges and their effects. The Institute has a modern building on grounds of its own and <sup>now</sup> the State and the University support it. There are problems like the Corona losses for the 350 Kv line which they are preparing to take for N. Sweden to ~~the~~ S. Sweden which the Institute is tackling & in which the hydro-electric Engineers are deeply interested.

The Institute for met & Hydrology has many workers. Dr Rosby is retiring for Chicago to Stockholm & Dr Bergeron ~~will~~ is a Professor of Meteorology in the University of Uppsala. Hydrology is extremely carefully cultivated in Sweden. Systematic collection

(4)

and analysis of data relating to water levels and discharges in lakes & rivers have been the solid basis on which the Swedish water-works have been based.

I gave a colloquial talk in the Institute of Met + Hydrology at Stockholm on our ozone work in India. Dr. Ångström is much interested in the subject of radiation.

My plans after the end of August are not yet clear. Very likely, I shall return to India via Belgium, France and Switzerland

With kindest regards,

Yours affectionately,  
R. A. Ramamathan

Sir K. S. Krishnan F.R.S.

Delhi

THE AHMEDABAD EDUCATION SOCIETY.

Prof. K. R. RAMANATHAN, M.A., D.Sc.

PHYSICAL RESEARCH LABORATORIES,  
Navrangpura,  
AHMEDABAD.

13/8/49

My dear Krishnan;

I am sure you must have met  
Prof Bhagavantam. Has he gone back to Waltair?

My nephew K. S. Ramanathan has been  
informed that he will be admitted to the  
Murd Laboratory and has been asked to get into  
communication with Dr. Shoenberg re: his work.  
Ramanathan will leave for U.K. in the  
third or fourth week of September. - If you  
think it proper, kindly drop a line to  
Dr. Shoenberg.

As you know, <sup>Ramanathan's</sup> ~~his~~ marriage with  
Ramdas's second daughter is to take place  
at Poona on 19/8/49.

The Secretary of the Joint Commission  
of the I.C.S.U. for High Altitude Research  
Stations has informed me that I have been  
appointed a member of that Commission representing  
the International Union of Geodesy & Geophysics

(2)

The next meeting of the Joint Commission will take place at Lucerne or Toulouse in July or Aug 1950. The International Council of Scientific Unions will meet part of the expenses of the members & the Secretary has asked <sup>me</sup> whether ~~the~~ I could get the necessary ad<sup>dn</sup> support from the Govt of India. I have forwarded a copy of the letters to the Secretary, Dept of Sc Research for info & advice -

It is important that I am kept in full touch with activities in India re: High Altitude Stations.

With kind regards,

Yours affly

K R Ramanathan

N.K. Venkatesan came here today for interview for selection of a man for the Senior ~~Fellow~~ Research Studentship in Dr. Vikram's Cosmic Ray Scheme & we have selected him -

KR

BY AIR MAIL

INLAND AIR LETTER

IF ANYTHING IS ENCLOSED  
THIS LETTER WILL BE SENT  
BY ORDINARY MAIL.



Sir K. S. Krishnan F.R.S.

70, Sujan Singh Park

Cathwallis Road

NEW DELHI

First fold here

Third fold here

Second fold here

Sender's name and address :-

K. R. Ramasathan

161/A Modibag

Poona 5

To open cut here

Poona

815749

My dear Krishnan,

The meteorological office here  
on loan  
informs me that I obtained the  
following two volumes of Annalen  
der Physik in January 1948.

Vol 28, 1938 }

& Vol 31, 1938 }

I remember having obtained some  
volumes of this journal for you,  
would you kindly see if you have  
these with you & if so, could  
you kindly send them along to  
Met Office, Poona on my

"account." ?  
I ~~met~~ <sup>spent</sup> a couple of pleasant days with  
D. T. Vij & Mahedevan  
at Waltair. ~~I spent a~~

With kind regards,

Yours affly,

K R Ramanathan

Physical Research Laboratory,  
Shahibag, Ahmedabad.

(Copy)

November 4, 1948.

Dear Professor Chapman,

I am glad to hear that the authorities of the Indian Science Congress have invited you to come to India during this winter to attend the January session at Allahabad. I do hope that you have accepted the invitation and that we shall have the pleasure of welcoming you and Mrs. Chapman to our country.

We have started a small Research Centre at Ahmedabad. It is at present affiliated to the Bombay University, but will become the Research School for Physics in the University of Gujarat which is soon expected to come into being. There are only two departments now: Professor Sarabhai is in charge of the Cosmic Ray department, and I am in charge of the Department of Atmospheric Physics. Professor Sarabhai is working on the problem of the variations of cosmic ray intensity, and is deeply interested in their relation to atmospheric tides and other geophysical and solar phenomena. We have a few post-graduate students who are just beginning research, but are keen to learn.

Prof. Sarabhai and myself will be very glad if, during your stay in India, you could spend some days at Ahmedabad and give us a course of 8 to 12 lectures on the 'Magnetism of the Earth and the Sun', sometime at your convenience between the 15th January and 15th February. All of us will find it to be a great inspiration. I am suggesting a rather extended course, because the students here are likely to benefit more by your starting in an elementary way. If you agree to give these lectures, we propose to invite interested workers from other parts of India to come to Ahmedabad. We can then also arrange two or three colloquia.

Ahmedabad is about 300 miles north of Bombay and is easily accessible by air or train from Bombay and Delhi. There are places of interest near Ahmedabad, such as Mount Abu, Jaipur and Udaipur which you may like to visit.

We shall arrange for the accommodation of Mrs. Chapman and yourself at Ahmedabad as guests and for your travelling expenses from Allahabad or Delhi to Ahmedabad and from Ahmedabad to the next centre in India on your tour programme. Our laboratory will be glad to pay an honorarium for the lectures (Rs.100/- for a lecture).

Would you kindly let me know whether you will find it possible to accept our invitation?

With best regards,

Yours sincerely,  
Sd. K.R. Ramanathan  
K.R. Ramanathan.

Copy to Sri K. S. Krishnan.

K.R.R.

5/11/48.

as he said he might), I shall stay a week  
~~at~~ in Switzerland. I expect ~~to be~~ back in  
India before the end of September - <sup>at the latest</sup> It  
maybe a few days earlier.

Trust you are having an enjoyable  
time and that all of you are keeping fit.

Yours affectionately  
Kalamathian



Dr K R Ramanathan  
c/o Dr Soave Petrosini  
Det Norske Meteorologiske Institut  
Oslo, NORWAY.

LEGES NOE INN I AEROGRAMMET. GÅR SENDINGEN IKKE MED LUFT-  
POST, MEN MED VANLIGE BEFORDRINGSMIDLER (SKIP, JERNBANE)

BRETT HER TIL SLUTT

TIL  
Professoren K. S. Krishnan FRS  
Director, National Physical  
Laboratory  
University-  
NEW DELHI

AEROGRAM

PAR AVION  
MED LUFTPOST



TO OPEN CUT AT TOP

Kindly remember me to Mr R. Narayana  
Swamy Iyer & Mr PRK Rao when you  
meet them. Tell Mr Rao that Mrs  
Edmondson remembers him & enquired  
about him.

KRM

Bergen

2/9/48

My dear Krishnan,

Our meetings at Oslo have ended and I am leaving Bergen tomorrow (morning) for Bruxelles. After the meetings, we had an extremely pleasant trip across central Norway from Oslo to Bergen, by railway, road and fjord. The Bjerknes, father and son, Dr. V. Meinesz, Dr. Sverdrup,

Dr. Gutenberg, a number of French and Swiss geophysicists, Dr. Bergeron & others were in the party. We went to see a glacier at these

quarters and a few of the younger ones, including a lady from Iceland, had a six hour trek ~~to~~ over the hills, across a glacier.

This morning, we were shown round the Geophysical Institute at Bergen where Cosmic Ray Physics, Meteorology and Oceanography are the main subjects of study. ~~Investigation~~ The City of Bergen is to give a dinner to us tonight. That will be the last of the official functions.

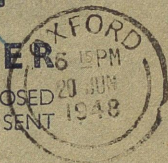
It was interesting & surprising that the Association of Meteorology of the I. S. S. U. elected me as a Vice-President, the President being Prof. J. Bjerknes and the other Vice-President Dr. Reichelhuber, the Chief of the U.S.A. Weather Bureau.

I have planned to stay 3 days in Bruxelles and a week in Paris. It is also likely that I shall visit Rio de Janeiro in the Pyrames where ~~Dr.~~ Dr. Lyot has his cosmograph. If Mr. Moolnar Rao is still at Geneva (and not come to India for a short while

**BY AIR MAIL**

**AIR LETTER**

IF ANYTHING IS ENCLOSED  
THIS LETTER WILL BE SENT  
BY ORDINARY MAIL.



Sir K. S. Krishnan & Co.  
Director

National Physical Laboratory  
70, Sujan Singh Park,  
Cornwallis Road, NEW DELHI

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Sender's name and address:-

K. R. Ramanathan

7, Manson Place

London SW7.



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Oxford,

20/6/48

My dear Kristevan,

I have not written to you for a long time. I arrived in London on 8/6/48 after an enjoyable air journey. I am living in a room in S. Kensington, not far from the S. Ken: Tube Station and the Imperial Coll. of Science. The season now is delightful, with generally fine weather and occasional spells of rain or showers, the parks and fields and woods are all green, and so far, I have had no difficulty about food. I have visited some of the institutions & offices of the Met. Service here, ~~and~~ The Imperial Coll. & the King's College. For the last four days, I have been in Oxford, and a most enjoyable four-day it has been. Some very good work on

<sup>the</sup>  
 Condensation of water - vapour into  
 ice - crystals at temperatures well  
 below the normal freezing point -  
 is being carried out in the  
~~at~~ Clarendon Lab: under Prof.  
 Dobson — and Sir Charles Normand  
 who is working with Dobson,  
 is improving the photoelectric  
 spectrophotometer by the use of  
 electron - multipliers. I have had  
 useful discussions with Dobson  
 about our ozone work and other  
 related work in India. Sir Charles  
 Normand have been very kind hosts in Oxford.  
 The low temperature lab<sup>y</sup> under  
 Prof. Simon and Dr. Mendelssohn  
 is very active and Prof. Simon  
 would like to produce <sup>liquid</sup> Helium  
 on tap. There is quite a crowd  
 of workers in the low temperature  
 laboratory. Prof. Simon enquired  
 of you and wished me to convey his regards.  
 I also paid a visit to the  
 Univ: observatory here where Prof.

(3)

Plaskett has excellent equipment  
for Solar Physics.

How is your arm now?  
Do drop a line about it.

With kindest regards,

Yours truly  
X. Ramanathan

I am going to the N.P.C. on  
23/6/48 and to Dublin on 5/7/48.  
I shall leave for Norway only  
after the 15th July. Air mail letters  
may be addressed to my address  
in London SW7.

Sir Shanku Swami sent me letters  
of introduction to Sir Edward Appleton  
and to Sir Charles Darwin. Thanks  
very much.

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Poona 5

2. 6. 48

My dear Krishnan,

I heard that your arm had been taken out of the plaster, but had not properly set. I hope that you will have it attended to by a competent doctor (or surgeon) and give yourself as much rest as he advises. Why not consult Mr. Srinivasan?

I am due to leave Bombay on 6.6.48 evening, by the TWA plane. I shall stay for a week or so in London, then go to Oxford & other places. I am going to Dublin in the first week of July and to Oslo by the 15<sup>th</sup> July. Till end ~~of~~ August, I shall remain in Norway and Sweden. The ~~rest~~ <sup>rest</sup> of my programme is somewhat indefinite.

My address in U.K may, for the time, be  
c/o Sir Charles Normand  
56, Holywell  
Oxford

In Norway, my address will be  
c/o Dr Sverre Pettersen  
Det Norske Meteorologiske Institut,  
Niels Henrik Abels vei 40,  
Blindern (Oslo),  
Norvège (Norway).

Dr S.V. has taken 3 or 4 months' leave  
and will spend part of it at Coimbatore.  
He is expected to leave Poona for Bangalore  
on the 3<sup>rd</sup> afternoon — arriving here  
tonight.

Dr Ramdas has still not returned from  
Madras - Bangalore — but is expected  
here today.

Trust that you are all well.  
Please remember me to the children.  
Yours affectionately,  
K. R. Ramanathan