



COUNCIL OF SCIENTIFIC & INDUSTRIAL
RESEARCH

NEW DELHI.....

I shall be glad if Sri K. S. Krishna will refer
see Mr. B. Krishna Das who has done some good
work on Raman Effect in Hydrocarbons.

Sri K. S. Krishna

S. P. Bhat
14/5/48

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Telegrams :

CONSEARCH

~~BO~~ No. 186 - 106 (41) / 154 / 46

New Delhi 11th June, 1947.

From

Sir S.S. Bhatnagar, OBE., DSc., FRS.,
Director, Scientific & Industrial Research.

To

The Director,
Indian Standards Institution,
Dept. of Ind. & Supplies, New Delhi.

Subject:- General Council of the Indian Standards
Institution.

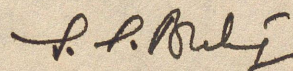
Sir,

With reference to your letter No. Std(26)/46 dated 10th June 1947, I have the honour to inform you that the Council of Scientific & Industrial Research have been pleased to nominate Dr. Sir K.S. Krishnan, Director of the National Physical Laboratory, as one of its representatives/on the General Council of the Indian Standards Institution in place of Dr. Lal C. Verman. It is requested that all papers in connection with this Council may in future be sent direct to Dr. Sir K.S. Krishnan.

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

Sd/-S.S.Bhatnagar.
Director.

Copy forwarded to Dr. Sir K.S. Krishnan, F.R.S.,
Director, National Physical Laboratory, Council of
Scientific and Industrial Research, University Buildings,
Delhi.



Director.

4, York Place,
New Delhi,
11th May '49

My dear *Krishnan*,

I am deeply grateful to you for the voluntary help which you gave me ungrudgingly in connection with the marriage ceremony of my daughter. But for your help I would not have been able to perform this difficult task.

Thanking you once again for the generous help given to me on this occasion.

With best regards,

Yours sincerely,

S. S. Bhatnagar
(S.S.BHATNAGAR)

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

Council of Scientific & Industrial Research

No. 168 P1g(23)NPL/47

Imperial Secretariat (North)
New Delhi, the 8th March 1947.

From

The Director,
Scientific & Industrial Research.

To

Professor Sir K.S. Krishnan, D.Sc., F.R.S.,
University of Allahabad,
Allahabad.

Sir,

I have much pleasure in informing you that the Hon'ble President, Council of Scientific and Industrial Research has been pleased to sanction your appointment as Director, National Physical Laboratory, Delhi with effect from the 1st of April 1948. The appointment will be on the following conditions:

1. Your appointment shall be for a period of five years,
2. Your salary will be Rs. 2,500/- p.m. in the scale of Rs. 2000-100-2500,
3. You will be eligible to the benefits of the Contributory Provident Fund established by the Council of Scientific and Industrial Research for its employees. Your subscription to the fund will be @ 6½% of your salary and the Council shall contribute yearly an equivalent amount to the Fund. You will be governed by the Contributory Provident Fund rules of the Council, a copy of which is enclosed for your information.
4. On taking up your duties as Director of the Laboratory you will be required to enter into an agreement with the Council. The agreement (copy enclosed) lays down the general conditions of service and is in accordance with the Model Agreement adopted by the Central Government for its employees.

I am further to state that although your appointment as Director, National Physical Laboratory would date from the 1st of April 1948, it is considered necessary that for this interim period of one year commencing from the 1st April 1947 your services on a part-time basis may be made available to the Council in connection with the building and equipping programme of the Laboratory. This arrangement is suggested with a view to enabling the Council to expedite the planning work of the Laboratory. The Hon'ble President has therefore decided that your appointment for this period of one year be on part-time basis and that an honorarium of Rs. 500/- p.m. be paid to you during this period. It will of course be necessary for you to pay occasional visits to Delhi for discussions with me and the Local Planning Committee regarding the work of the Laboratory. Travelling allowance according to the rules will be paid to you by the Council for such journeys.

It is hoped that the conditions of appointment and terms stated above are acceptable to you. Since the Council are anxious that the building and equipping programme of the Laboratory should be taken in hand immediately I shall be glad to have an early reply from you.

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

Sd. S.S. Bhatnagar
DIRECTOR.

4905
May 1, 3.5.47 47.

My dear Sir Shanti Swarup,

I am to invite your attention to your official letter No. 168-Plg (23) NPL/47, dated 8th March, 1947 regarding the appointment of Sir K.S. Krishnan. The matter could not be placed before the Executive Council earlier than the 26th April last. The Council has approved of Sir K.S. Krishnan being relieved from the 1st of April, 1948. It has further approved of his services being available to the Council of Scientific and Industrial Research during the period 1947-48 in connection with the building and equipment programme of the National Physical Laboratory on such terms as you have offered him. I have asked the Registrar to send you the necessary reply officially.

The University is grateful for the accommodation you have shown in allowing Sir K.S. Krishnan to be with us for at least one year. I am personally very happy that Sir K.S. Krishnan is being called upon to organise and guide the National Physical Laboratory the progress of which is a national concern.

Yours sincerely,

(Sd)/- Tara Chand,

Dr. Sir S.S. Bhatnagar, Kt., D.Sc., F.R.S.,
Director, Council of Scientific & Industrial Research,
New Delhi.

ALLAHABAD UNIVERSITY

No. 4906.....dated, Allahabad the 3rd May, 1947.

Copy forwarded to Dr. Sir K.S. Krishnan, Head of the Physics Department, Allahabad University for information.

K. D. Dewan
Deputy Registrar.

FROM

K. D. Tewari, Esq., M.A., LL.B.,

DEPUTY REGISTRAR,

UNIVERSITY OF ALLAHABAD.

TO

Dr. Sir K.S. Krishnan, D.Sc., F.R.S.,

Head of the Department of Physics,

Allahabad University.

Dated, Allahabad, the May 2,

1947

3

Dear Sir,

I beg to communicate for your information the following resolution of the Executive Council passed at its meeting held on the 26th April, 1947:-

"The Registrar reported the receipt of letter No. 168-Plg (23), N.P.L 047, dated 6th March, 1947 from the Director, Council of Scientific and Industrial Research, New Delhi, for permission to appoint Dr. Sir K.S. Krishnan, Head of the Physics Department, Allahabad University as Director of National Physical Laboratory, New Delhi, from 1st April, 1948.

It was resolved, that Sir K.S. Krishnan be permitted to accept the appointment as Director of National Physical Laboratory from 1st April, 1948.

It was further resolved, that during the session 1947-48, Sir K.S. Krishnan be permitted to help in the work of the National Physical Laboratory and to accept the honorarium of Rs. 500/- for this additional work."

Yours faithfully,

K. D. Tewari

Deputy Registrar.

All communications should give the No. and date or the subject of previous correspondence. If any, otherwise on action will be taken.

No. 4908 of 194 .

From

~~XXX~~ K. D. Tewari, Esq., M.A., LL.B.
Deputy Registrar,

UNIVERSITY OF ALLAHABAD,

ALLAHABAD.

To

The Director,

Scientific & Industrial Research,

Imperial Secretariat (North),
New Delhi.

Dated Allahabad, the May 2, 1947.

3

Dear Sir,

With reference to your letter No. 168-Blg (123), N.P.L., 047, dated 8th March, 1947, I beg to say that the Executive Council of the University considered at its meeting held on the 26th April, 1947, the question of relieving Dr. Sir K.S. Krishnan from the service of the University from the 1st of April, 1948 and granting him necessary facilities for a period of one year from the 1st of April, 1947 to help the Council in undertaking the construction of the necessary buildings and getting equipments for the Laboratory, ^{and} ~~the Council~~ resolved as follows:-

"It was resolved, that Sir K.S. Krishnan be permitted to accept the appointment as Director of National Physical Laboratory from 1st April, 1948.

It was further resolved, that during the session 1947-48, Sir K.S. Krishnan be permitted to help in the work of the National Physical Laboratory and to accept the honorarium of Rs. 500/- for this additional work."

The University is grateful to you for enabling Sir K.S. Krishnan to continue to be in its service for a period of one year before he finally leaves it. During this period the University would advertise the post and complete its arrangements for the appointment of his successor.

Yours faithfully,

(Sd)/- K. D. Tewari,
Deputy Registrar.

Copy forwarded to Dr. Sir K.S. Krishnan, D.Sc., F.R.S., for information.

Form No. 15.) 2000-31-7-1945

Modest Printing Works, Allahabad

4909
3/5/47
Dy. Registrar
K. D. Tewari
2/5

DR. TARACHAND
~~VICECHANCELLOR~~
TARAHALL NAINITAL

REWIRE STOP CAN YOU OBLIGE ME BY ALLOWING
SIR KRISHNAN TO WORK AS DIRECTOR OF OUR
PHYSICAL LABORATORIES DURING YOUR VACATION
HE CAN SUBSEQUENTLY JOIN YOU BEFORE RETURNING
FINALLY BHATNAGAR STOP TELEGRAM POSTED

UNIVERSITY.

*Telegram Sent
27/5/47
10 A.M.*

*Prof. Krishna Rao
kindly see the copy
of the telegram.*

W.D. Datta

K. D. Tewari, M. A., LL. B.
DEPUTY REGISTRAR

SENATE HOUSE
UNIVERSITY OF ALLAHABAD

Allahabad March 11, 1947.

My dear Sir Krishnan,

I am desired by the Vice-Chancellor to draw your attention to a letter of Sir Shanti Swarup dated the 8th March, a copy of which I am enclosing. Before sending a reply, the Vice-Chancellor would like to know whether you accept the offer with effect from April 1, 1948.

The position with regard to the availability of your services from April 1, 1947 on a part-time basis also needs clarification. It will be helpful for decision if you could kindly let us have some idea of the period during which it will be necessary for you to be absent from the University.

Yours sincerely,

K. D. Tewari

Dr. Sir K. S. Krishnan, Kt., D.Sc., F.R.S.,
c/o
The Department of Education
(Overseas Branch),
Government of India,
New DELHI

A copy of letter No.168-P Ig(23)NPL/47 dated 8th March 1947 ~~was~~ from the Director, Scientific & Industrial Research to the Vice-Chancellor, Allahabad University, Allahabad.

As you are already aware, the Council of Scientific and Industrial Research have decided to establish a chain of National Laboratories in the country and the Council have already taken in hand an intensive programme of work in this connection. The National Physical Laboratory of the Council will be located at Delhi. The foundation-stone of this Laboratory was laid by the Hon'ble Pandit Jawahar Lal Nehru on the 4th of January 1947. The Council are anxious that the appointment of the Director of the Laboratory be made at an early date in order that the work of construction and equipment of the Laboratory be expedited. I have great pleasure in informing you that the Hon'ble Sri C. Rajagopalchari, President, Council of Scientific and Industrial Research has decided that the post of Director, National Physical Laboratory be offered to Prof. Sir K.S. Krishnan of your University. The terms and conditions of his appointment are given in the enclosed letter addressed to him. As you will kindly see from the letter that although the appointment will date from the 1st of April 1948 Prof. Krishnan's services on a part time basis will be required by the Council from the 1st of April 1947. Although I feel that you and the University will be very reluctant to part with the services of an eminent scientist like Prof. Krishnan, I have every hope that in view of the programme of national importance which the Council have taken in hand, the University will every kindly agree to relieve Prof. Krishnan with effect, to him the necessary facilities for a period of one year from the 1st of April 1947 in connection with the planning work of the Laboratory.

The favour of an early reply will be very much appreciated.

PHYSICS LABORATORY,
UNIVERSITY OF ALLAHABAD,

March 18, 1947.

Dear Mr Vice-Chancellor,

Herewith I am enclosing a copy of the letter from the Director of Scientific and Industrial Research to which I referred in my conversation with you yesterday. I wish to accept the Directorship of the National Physical Laboratory of India ^{with effect} from the 1st of April 1948, on the terms specified in the letter, and also the interim arrangements suggested therein for the period of one year from the 1st of April 1947 to the 31st of March 1948. I wish to add that I have been a member of the National Physical Laboratory Planning Committee since its inception, and that the work required of me during the interim period will be to help the local Committee of the Laboratory, which has recently been formed, in their building and equipment programme, and that this work will not interfere with my normal work in the University as Professor and Head of the Department of Physics, and though it will require my visiting Delhi occasionally, the period of absence from the University will not altogether be longer than the usual leave rules for taking duty leave and casual leave during the year will permit. I therefore request you to permit me to accept the interim arrangements for the period of one year from the 1st of April 1947 to 31st of March 1948, on the terms specified in the letter from the Director of Scientific and Industrial Research, and to take leave for short periods for this purpose,

according to the usual leave rules of the University,
and to accept the honorarium^{offered} of Rs. 500/- p.m. during
this period.

Yours sincerely,

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COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

No.168 Plg(23)NPL/47

Imperial Secretariat(North)
New Delhi, the 25 March 1947.

From

The Director,
Scientific & Industrial Research.

To

Professor Sir K.S. Krishnan, D.Sc., F.R.S.,
University of Allahabad,
Allahabad.

Sir,

I have much pleasure in informing you that the Hon'ble President, Council of Scientific and Industrial Research has been pleased to sanction your appointment as Director, National Physical Laboratory, Delhi with effect from the 1st of April 1948. The appointment will be on the following conditions:

1. Your appointment shall be for a period of five years,
2. Your salary will be Rs.2,500/- p.m. in the scale of Rs.2000-100-2500,
3. You will be eligible to the benefits of the Contributory Provident Fund established by the Council of Scientific and Industrial Research for its employees. Your subscription to the fund will be @ $6\frac{1}{4}\%$ of your salary and the Council shall contribute yearly an equivalent amount to the fund. You will be governed by the Contributory Provident Fund rules of the Council, a copy of which is enclosed for your information.
4. On taking up your duties as Director of the Laboratory you will be required to enter into an agreement with the Council. The agreement (copy enclosed) lays down the general conditions of service and is in accordance with the Model Agreement adopted by the Central Government for its employees.

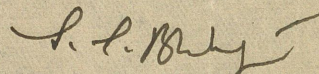
I am further to state that although your appointment as Director, National Physical Laboratory would date from the 1st of April 1948, it is considered necessary that for this interim period of one year commencing from the 1st April 1947 your services on a part-time basis may be made available to the Council in connection with the building and equipping programme of the Laboratory. This arrangement is suggested with a view to enabling the Council to expedite the planning work of the Laboratory. The Hon'ble President has therefore decided that your appointment for this period of one year be on part-time basis and that an honorarium of Rs.500/- p.m. be paid to you during this period. It will of course be necessary for you to pay occasional visits to Delhi for discussions with me and the Local Planning Committee regarding the work of the Laboratory. Travelling allowance according

to

to the rules will be paid to you by the Council for such journeys.

It is hoped that the conditions of appointment and terms stated above are acceptable to you. Since the Council are anxious that the building and equipping programme of the Laboratory should be taken in hand immediately I shall be glad to have an early reply from you.

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


DIRECTOR.



COUNCIL OF SCIENTIFIC & INDUSTRIAL
RESEARCH

NEW DELHI 31st August, 1948.

My dear Krishnan,

I enclose herewith the correspondence which has passed between me and Mr. S.A. Raje, Alhad, Plot No.12, Ranade Road Extension, Dadar, Bombay. I shall be glad if you can offer him a post of Laboratory Assistant in the National Physical Laboratory. He appears to be a very keen youngman and is hoping to become what Faraday was to Davy. I think he should be given a trial. You may interview him and if he is found suitable he may be given a chance.

Yours sincerely,

(S.S.BHATNAGAR)

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

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Telegrams :

CONSEARCH

D.O.No. 137 Bd XXIV (3)/46.

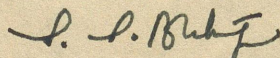
Delhi 4 - 5 - 1947.

My dear Krishnan,

At its last meeting held on the 8th February 1947, the Board of Scientific & Industrial Research considered a scheme of research proposed by Prof. Saha on the determination of the geological age of rocks by radioactive methods, and recommended that the scheme be included in the programme of work of the National Physical Laboratory, where necessary equipment and funds would be available for the investigations. I shall be glad if you will please take necessary action in the matter.

The Scheme was first considered by the Committee on the Measurement of Geological Time in India of which Mr. D.N. Wadia is the Chairman. It appears that Saha has already done some work in the subject, but he could not make much progress for want of Nier type Mass Spectrograph and pen recorders. He had applied for a grant of Rs.1.25 lacs for the purchase of the equipment. Should you need more details of the scheme you may get into touch with Mr. Wadia and Prof. Saha.

Yours sincerely,



(S.S.Bhatnagar)

Sir K.S. Krishnan, D.Sc., F.R.S.,
Professor of Physics,
Allahabad University,
Allahabad.



No. 137 Bd. III (6)/47

COUNCIL OF SCIENTIFIC & INDUSTRIAL
RESEARCH

NEW DELHI. 10th Dec. 1947.

My dear Krishnan,

Will you please refer to your letter No.NPL(Sch.1)/47 dated 27th November to the Secretary, C.S.I.R., regarding the transfer of your research schemes from Allahabad to Delhi. I have accepted your recommendations but I feel that the schemes should not be transferred along with ^{all} the research Assistants and every attempt should be made, as far as possible, to utilise the research staff available with us at the moment.

Yours sincerely,

P. P. Bhatnagar
(S.S.BHATNAGAR)

Sir K.S.Krishnan F.R.S.,
University Building,
Delhi.

3 Sonehu Bagh
New Delhi

1st. July, 1943

My dear Krishnan,

If you have a recent copy
of the list of Fellows of the Royal Society,
I shall be grateful if you will send it to
me for a few days.

I am looking to meeting you in the Board's
meeting & on the occasion of the marriage of
your son for which I have sent you a
separate invitation.

With best regards,

Yours, Sincerely
S. P. Mukherjee

New F. R. S.'s 1944.

R.A.Bagnold.
R.P.Bell.
C.R.Burch
S.Chandrasekhar
G.E.R.Deacon
J.C.Drummond
A.T.Glenny
R.T.Hatton
R.D.Haworth
W.O.Kermack
F.Kidd
B.A.McSwiney
G.F.Marrian
M.Polanyi
A.Sand
W.Stanier
C.J.Stubblefield
O.W.Tiegs
H.J.Van der Bijl
J.H.C.Whitehead

AIR MAIL

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Imperial Sectt. (North)
New Delhi, the 30th Septr. 1946

My dear Krishnan,

You will be glad to know that the next session of the Indian Science Congress will be held at Delhi in the first week of January 1947 and Pandit Jawaharlal Nehru has agreed to the invitations being sent to foreign scientists and a good number is likely to come. Mahalanobis has been entrusted to establish contacts with those invited. Please meet him in America and give him your suggestions.

Please return in time to attend this Congress. Many things are happening here for which I like you to be present in India.

With best regards,

Yours sincerely,

P. L. Bhargava

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Telegrams :

CONSEARCH

D.O.No. 134 Bd. XI/47.
Delhi 15 - 4 - 1947.

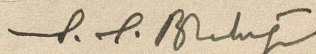
My dear Krishnan,

You will please remember that at the last meeting of the Board, the question of relationship between the Radio Development Unit of the Directorate of Civil Aviation and the Electronics Division of the National Physical Laboratory was discussed. It was recommended that the plan of the organisation of the Radio Development Unit of the Civil Aviation Directorate be examined by me, with a view to avoiding any duplication of work between the Radio Development Unit and the Electronics Division of the National Physical Laboratory and to suggesting measures for close collaboration between the two organizations. I enclose a copy of the plan of the Radio Development Unit for your information. From the plan of the Radio Development Unit, it is found that this unit will be concerned primarily with the application of known principles and techniques of radio to the several problems connected with Civil Aviation. The Electronics Division of the National Physical Laboratory, on the other hand, will be concerned with research, both fundamental and applied and, to some extent, with the development of technique and equipment of general application in the field of radio and electronics. Hence the functions of the two organizations are entirely different. All the same, it is necessary that we should examine the scope of work of the two organizations more closely and avoid any possible duplication of work.

I shall therefore, be glad if you will kindly examine the plan of the Radio Development Unit of the Civil Aviation Directorate, in conjunction with the functions of the Electronics Division of the National Physical Laboratory and let me know your views in the matter.

Encl: 1 Plan

Yours sincerely,



(S.S. Bhatnagar)

Sir K.S. Krishnan, D.Sc., F.R.S.,
Director, National Physical Laboratory and Prof. of Physics,
University of Allahabad, ALLAHABAD.