

30 June 1954

Dear Dr Rakshit,

I am sorry for the delay in replying to your letter of 6 June 1954. I was looking forward to meeting you in Delhi since I was told that you were expected here on a short visit.

I would personally be very happy if you could join us and I should add that I shall definitely be continuing in the laboratory for some years.

Some residential quarters have been built just outside the campus of the laboratory and they will be ready for occupation in a month or two. We are awaiting the service connections to be made to the houses. I shall be leaving for Europe on Saturday, 3 July 1954 and expect to return to India in the first week of September, but I shall be very happy if you can join at an early date

Bengal Engineering College
P.O. Botanic Garden,
Howrah, 8.6.54

My dear Prof. Krishnan,

I am extremely thankful for your Confidential letter of the 1st June. I do not know how to adequately express my gratitude for your kind letter and the confidence you have placed in me in offering the post. I have not yet received the official letter from the C.S.I.R. and am anxiously awaiting same.

If the terms are acceptable and the Govt. of West Bengal agrees it will indeed be a pleasure and proud privilege to me to work with you in the N.P.L. But Prof. S.N. Bose was telling me that you are soon expected to leave the N.P.L. and succeed Dr. Bhatnagar. I wonder what would happen to the N.P.L. built by you in your absence!

There was a scheme for building residential quarters for the N.P.L. staff. What is the latest position?

Thanking you again for the kind offer,

With most respectful regards,

yours sincerely
H. Rakshit

Prof. K.S. Krishnan, D.Sc., F.R.S.,
Director, N.P.L.,
Hillside Road,
New Delhi - 12.

CONFIDENTIAL

June 1, 1954

Dear Dr Rakshit,

As I mentioned to you at Calcutta at our meeting which was all too short, the Council of Scientific & Industrial Research has agreed to your being invited to take up the post of Assistant Director in charge of the Division of Electronics on an initial salary of Rs 1400/- per month plus the usual allowances. You must have received the official communication from the CSIR regarding the appointment. I am writing this letter personally to try to persuade you to accept the invitation I was personally very sorry that because of the conditions of living then obtaining in Delhi you had to leave us and we have now a chance of rectifying it after some years and it was with some difficulty that we could persuade the Council to agree to the terms that are being offered to you now. I need not mention how much personally I would appreciate your accepting the invitation and join^{ing} us at an early date.

With kind regards

yours sincerely

Dr H. Rakshit
Head of the Department of Physics & Communication Engineering
Bengal Engineering College
P.O. Botanic Gardens
CALCUTTA

Deptt of Physics & Communication
Bengal Engineering College
P.O.Botanic Garden, Howrah

2 July 1954

d.o No.8390

My dear Professor Krishnan

Will you kindly refer to my d.o no.7378 of the 5th June '54. In the second paragraph of that letter I explained to you the difficulties experienced by Sri M.C.Mallik who has been working with me on the different aspects of the three phase RC coupled oscillator. I am writing this again to request you to kindly see if anything could be done in this respect.

You are aware that the official communication from the Secy CSIR regarding my appointment in the NPL has been sent to the Govt of West Bengal and a copy of same has been sent to me. You also know that the UPSC was considering the relative advantages of my stay with the NPL and the Indian Instt of Technology, Kharagpur. I donot know what they have finally decided about this, nor do I know about the reaction of the West Bengal Govt to the Council proposal. In any case my reading of the situation is that even if the WB Govt agrees to my release they may not allow me to leave this college in the very near future. Under these circumstances I would once again request you to reconsider the question of making suitable grants for the scheme on 'Construction of an 100W RC type FM oscillator-transmitter' available to us here for the first half of 1954-55 for the present. I would request you, as explained in my letter No 4471 of 30/3/54 to the Secy CSIR a copy of which was forwarded to you for recommendatio, to approve of the appointment of Shri Mallik on Rs 190/- pm from April 1, 1954.

I may in this connection inform you that the design of the proposed oscillator-transmitter is now ready and a list of major components to be purchased has also been prepared. Orders for these, some of which will have to be imported from abroad, will be placed as soon as the funds are available.

We have in the meantime, succeeded in increasing the bandwidth

of modulation and a communication on the subject has already been sent to you for necessary action. We are at present engaged in developing a new system of automatic frequency control of the proposed FM oscillator-transmitter which, if successful, will be equally efficient like the methods adopted in commercial practice but will be much more economical

With most respectful regards

yours sincerely

sd/-H.Rakshit

Deptt. of Physics & Communication,
Bengal Engineering College,
P.O. Botanic Garden, Howrah.

D.O.No. 8390

Dated, the 2nd July, 1954.

My dear Prof. Krishnan,

1 Will you kindly refer to my D.O.No.7378 of the 5th June,1954. In the second paragraph of that letter I explained to you the difficulties experienced by Sri M.C. Mallik who has been working with me on the different aspects of the three phase R.C. coupled oscillator. I am writing this again to request you to kindly see if anything could be done in this respect.

2 You are aware that the official communication from the Secretary, Council of Scientific & Industrial Research regarding my appointment in the N.P.L. has been sent to the Government of West Bengal and a copy of same has been sent to me. You also know that the Union Public Service Commission was considering the relative advantages of my stay with the N.P.L. and the Indian Institute of Technology, Kharagpur. I donot know what they have finally decided about this, nor do I know about the reaction of the West Bengal Government to the Council proposal. In any case my reading of the situation is that even if the West Bengal Govt. agrees to my release they may not allow me to leave this College in the very near future. Under these circumstances I would once again request you to reconsider the question of making suitable grants for the scheme on "Construction of an 100-watt R.C. type F.M. oscillator-Transmitter" available to us here for the first half of 1954-55 for the present. I would request you, as explained in my letter no. 4471 of 30.3.54 to the Secy. C.S.I.R., a copy of which was forwarded to you for recommendation, to approve the appointment of Sri Mallik on Rs 190/- Mm. from 1st April, 1954.

3 I may in this connection inform you that the design of the proposed oscillator - Transmitter is now ready and a list of major components to be purchased has also been prepared. Orders for these, some of which will have to be imported from abroad, will be placed as soon as the funds are available.

4 We have, in the meantime, succeeded in increasing the bandwidth of modulation and a communication on the subject has already been sent to you for necessary action. We are at present engaged in developing a new system of Automatic Frequency Control of the proposed F.M. Oscillator-Transmitter which, if successful, will be equally efficient like the methods adopted in commercial practice but will be much more economical.

With most respectful regards,

Yours sincerely,

H. Rakshit

(H. Rakshit)

Prof.K.S. Krishnan, D.Sc., F.R.S.,
Chairman, Radio Research Committee,
National Physical Laboratory,
New Delhi - 12.