

Navrangpura

Place Ahmedabad 9

Date 6.6.55.

Dr. D. Venkatesan, Ph. D.,  
Physical Research Laboratory.

My dear Prof.

I believe you would have received my letter. I was and am still hoping to hear from you.

Even after leaving you, I have tried my level best and stuck to Physics and I think, I have made good. I would very much have liked to have your blessings and good wishes from you that is something that I have been awaiting for all these days.

I am sure you would be kind enough to find some time, in spite of all your preoccupations, and drop a line.

With kindest regards

Yours sincerely  
D. Venkatesan

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Physical Research Laboratory.

Place: Navrangpura, Ahmedabad 9

Date: 16.5.1955

My dear Professor,

You would be happy to learn that Prof. Alven has given a good report on my thesis, and I have got my degree. As you were out, I could not inform you earlier. I was waiting for your arrival from abroad to give you the news.

You might recall the talk I had with you when you were here last Dec, when I had just submitted my thesis. I have recently had a long talk with Prof. K. R. R. Manna. He is definitely against my trying to go abroad on an year's scholarship, since after returning, one has again to look for a job. He is advising me to look for a suitable post outside and get settled. And later on, if a chance should occur, I could go out, with a certain peace of mind. This, as you would recall, was almost what you yourself advised me.

He has advised me that if you should take me now on some suitable post, I should take it up. When I discussed the matter further with him, about the section in which I could think of doing work, he suggested the low temperature section, where, he said, I should be able to do some good work. He has been kind enough to impress upon me that I should not hesitate about changing my subject. He has particularly mentioned, that taking up a subject for one's degree need not restrict one to the same subject.

There is no suitable permanent post here just now, nor is one likely to come up in the near future. As such, I do not mind

changing my subject <sup>(2)</sup> and going back to you. I am sure you would be able to help me.

I have passed my M.Sc. in 1945 before I completed 21 and after that for the past ten years, no matter, what the obstacle or difficulty, I have with a single minded devotion stuck to Physics. I did not hesitate to resign my pensionable service at Kawa. I do not have to tell you much, as you yourself know everything about me. I am now drawing  $400 + 100$  with increments due <sup>in october in the grade 250-25-500.</sup>

I have certain responsibilities now viz, a wife and two children. So I cannot take a reckless plunge and float indefinitely for a long time. As such I am extremely anxious to settle down to some suitable post, so that I can pursue Physics, without a sense of insecurity or instability.

Till now, I have not had cause to come to you directly for any help. I have tried to sift for my self and have been largely successful. I have also achieved what I have aspired, viz, a doctorate degree. Now the time has come when I wish to approach you for guidance and help. You would recall your willingness to give me help when ever I should need. I am sure you would not fail me and give me the right guidance.

Hoping to hear from you at the earliest  
with kindest regards  
Yours sincerely  
Bankarand

P.S. I put in an application to Prof. Oliphant, F.R.S. Australian National University, Canberra, Australia to see whether he could provide some opening for me to work under him, and to see whether there is any possibility of getting a fellowship. This I did at the suggestion of Dr. K.R.R. maha. My application has been sent by Dr. V.A.S. with a suitable recommendation letter. I wonder if you could

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write a letter recommending my case.

If necessary, I would like to meet you and have a talk. I would not hesitate to take a trip to Delhi, if you advise me.

I have shown this letter to Dr. K.R.R. mama for perusal.

Thanking you once again

Yours sincerely  
D. Venkatesan

Ends

Dr. D. Venkatesan, Ph. D.,  
Physical Research Laboratory.

Place.....

Date.....

1. Published "cycle of worldwide changes in the daily variation of meson intensity - in collaboration with Dr. Sarabhai. Phys Rev. Oct-15; 1954, pp 689
  2. Solar influence of the anisotropy of primary cosmic radiation - Part I - Studies at low latitudes. - in collaboration with Dr. Sarabhai - Awaited publication in Phys. Rev. Any time from now.
  3. Paper on Effect of atmospheric lunar tide on meson intensity at Kodai Kaval - gone to Prof. Wilkes for reference.
- working at present on two papers.
- 4) Seasonal variation in the daily variation of meson intensity
  - 5) Solar influence of the anisotropy of primary cosmic radiation - Part II.



NATIONAL RESEARCH COUNCIL  
CANADA

DIVISION OF PURE PHYSICS

OTTAWA 2, 26-3-59.

My dear mama,

You might recall the talk we had here, when you visited this place last. As per your suggestion I wrote to K.R.R. mama a personal letter. He has been kind enough to write frankly a description of the existing state of affairs. The impression I get from that is that in his opinion, it may not be a happy state of affairs to be in. He specifically mentions that although one could try to care for only one's work and not care for others and their actions, and this way one could remain happy under most circumstances, it is not always easy. He does not see how easy it would be to create another readership. Already there are two now in cosmic rays. Anyhow if I wanted to come back I could write to him or Dr. Vikram. There does not seem to be any difficulty in getting the money part. He has mentioned what each one gets. Dr. Desai gets ~~Rs~~ Rs 590 basic. In any case I do not think I should like to go back. I have decided to forego the thousand rupees which they would have given if I had joined there (Part of the expenses incurred in attending the IUPAP conference in Italy. There is no point in being unhappy even to start with. *I do not want to join without it*) My fellowship normally expires here in the 3rd week of Dec. 59 (and if necessary and if nothing else is in sight, one could easily get another three months more.) I would like to have your advice and valuable suggestion. Are there any chances of a place in the coming Institute of Tech. in Madras similar to the one in Bombay? I hope you would be kind enough to reply to this letter. I am trying hard and avoiding applying for any positions here, which are cropping up. There was a suggestion put forward to me to apply for the Asst. Professorship in Physics in Alberta, where Avadh is. I have not been favourably inclined. We have been away now almost three years from the children and this has been weighing heavily on our minds. So it has been decided that R Bharath give up her job and go to India about May first week along with Sundaresans, unless there is any change in programme. I shall stay till the end of the year.

Dr. Forbush of Carnegie Institution has been wanting me to spend at least a few months with him. I have finally decided to spend two months with him during May-June or June-July. Dr. Rose concurred that the suggestion was a very good one and agreed to sanction the leave of absence from here for that period. He will present another paper of mine (in collaboration with DR. Katzman) at the ensuing IUPAP conference at Moscow, in July.

If you need a ~~list~~ set of reprints of the work done after coming out for any reference, I could arrange to send it. In Sweden I have completed four papers which are either published or awaiting in the coming issues of Tell us. One more is incomplete and needs some final discussion with Alfvén on my way back. After coming here I have completed two, one of which is appearing in the May issue of the Journal of Geophysical Research. All deal with Time variation of cosmic rays and Magnetic storms, and Solar activity. These are in addition to what I had done in collaboration with Dr. Vikram.

Trusting this finds you in the best of health. Kindly convey my kind enquiries to one and all in the family.

With kind regards,

Yours Sincerely,

*Dr. Vikram*

*\* a position, when others of my group & junior to me are Readers in the same Institution, although I get the same money.*