

Law (1921) Department.
Education

Ordinary SERIES.

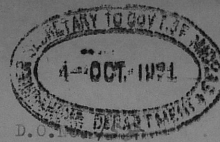
G.O. No. 1573

DATED 2-11-21

INDEXED

[Despatch Abstract.]

Phar, Mr. S.M. - qualifications of ----- notes
recorded.



Office of the Director of Public Instruction,
The Old College, Nungambakkam, Madras,
3rd October 1921

En. 4520A
6-10-21

My dear Dutt,

Will you please refer to G.O.No.1280 Law (Education) dated 10th September 1921 wherein I was informed that Dr.S.N.Dhar has been appointed to the Indian Educational Service as Professor of Technical Chemistry in the College of Engineering, Madras? Mr.Dhar has joined (P.T.O) duty and I enclose a copy of a letter dated the 21st September 1921 which I have received about him from the Principal of the College of Engineering.

Mr.Dhar is apparently not fitted for the post to which he has been appointed. He does not fulfill the requirements set forth by the Principal in his letter of 1919 which requirements were communicated (R) to Government by me in my letter of the 10th June 1919. The Secretary of State has taken more than two years to recruit a man who does not possess the qualifications which we require.

From what I know of Mr.Dhar's qualifications there was only one appointment which he is really fitted to hold in the Indian Educational Service, Madras, i.e. the post of Additional Professor of Chemistry in the Presidency College, Madras which is now held by Dr.Dey. It is not possible to transfer Dr.Dey elsewhere at present so that we must, I presume, make the best of Mr.Dhar. I am taking no action on the suggestion of the Principal to recruit Mr.B.M.Mukerjee from Roorkee College since I do not know what to do with Mr.Dhar if we recruit Mr.Mukerjee.

I write this letter with the request that you will be good enough to bring it to the notice of the Minister for Education and of the Governor in Council. If unqualified persons are recruited for appointments in the Educational Services of this presidency the work is bound to suffer and I trust that Government will recognise this.

Yours sincerely,

To P.C.Dutt, Esq., I.C.S.,
Secretary to Government.

P.T.O.

I wish to bring to your notice that Mr. Dhar sent out by the India Office to fill the appointment of Professor of Technical Chemistry does not possess the qualifications laid down in Mr. James' letter to the D.P.I. No. R.C. 311/15 of 28-5-19. The particular qualifications referred to in this letter are as follows:-

Subjects to be taught.

"Chemistry and Physics, the former more especially in its application to Engineering, as set forth in the accompanying syllabus of courses of instruction for the Engineer Class in the College and in the University of Madras regulations for the F.E. Exam.

The instruction in Chemistry and Physics is given during the first two years of the full four years course, the students already having passed the Intermediate Examination in these subjects.

The Professor will also be in charge of the teaching in Geology. The Science (Chemical, Physical, and Geological) Laboratories will be under the superintendence of the Professor subject to the general control of the Principal, and he will be expected to carry out investigational work, in the first place more particularly in connection with materials used for Engineering purposes, and possibly later on as the College develops of a more general technical nature."

Mr. Dhar has specialised in Organic Chemistry, and has had very little experience in Physics or Geology, so that the latter subjects have still to be taught by Mr. Tirumurti Rao. I do not know if it is possible to transfer Mr. Dhar elsewhere, if so the services of Mr. B.M. Mukerjee, Professor of Physics at the Roorkee College are I understand from Mr. Wood (the Principal of the College) available owing to the proposed reorganisation of their courses. Although Mr. Mukerjee is probably not so well up in Chemistry as Mr. Dhar he has taught the subject before, and he would be well up in the other subjects required.

(True Copy)

Handwritten signature and date 3/10/21

Annexure (ii) to Letter
No 797 of 24.6.19 (R)

Law (ES) Department

When addressing the Govt of India for sanction to the creation of a post of Professor of Technical Chemistry for the College of Engineering + for the recruitment of an Officer for the post in England, a statement showing the qualifications to be possessed by the officer (as set out by the D.P.I.) was forwarded to that Govt. The qualifications required + those actually possessed by Mr. S. N. Dhar, who has been recruited by the Govt of State for the post, are compared below.

Qualifications required.

Mr. S. N. Dhar's qualifications

(i) Should have taken a good degree with Chemistry as principal subject + have had research work experience, should also have been in touch with many of the leading chemists.
(ii) Should be able to teach Chemistry + Physics, the former more especially in its application to engineering, as set forth in the syllabus of the College + the University.
(iii) Should also be in general charge of the teaching of Geology.

Presidency Coll. Calcutta
B. Sc. + M. Sc., 1st class
Honours in Chemistry.
University of London
B. Sc., Physical Chemistry
Experience - Lecturer in Physical Chemistry in M. Sc. classes, Research prize.
Visited large chemical works on the continent of Europe.
B. Thorpe certificate

para 5 of letter
p. 27 of 893
7.8.21 (R)

4

(iv) I should carry out investigation work in the first place in connection with materials used for engineering purposes & possibly later on of a more general technical nature.

Mr. Dhar ^{has been} in touch with the most recent applied chemical practice & is well fitted for the post of Professor of Tech. chemistry.

In view of Dr. Thorpe's testimonial this Govt. agreed to take him in the Indian Civil Service in this Presidency - vide letter No 787 dated 23rd May 1921.

Dr. Dhar is a D.Sc. in Physical Chemistry and has been lecturing in that subject to H. Sc. students.

The Principal's statement (indirect) that he cannot handle the Physics class in the Engg. College is not understood. He should arrange to be able to teach Physics. Perhaps geology will have to be assigned to the Assistant. We cannot expect candidates to specialize in a number of subjects. It is not possible to arrange for an exchange of places between Dr. Dey at the Pres. College & Dr. Dhar. The former has only specialized

vide page 4 of stat. at (11)

in Organic Chemistry and knows probably less of Physics ^(sufficiently) than Dr. Dhar. It seems ~~to~~ that the only course open is to ask the Principal to arrange the work in the College as best as possible with Dr. Dhar as Professor. There was a proposal from the Govt. of Bengal to appoint Dr. Dey as an Industrial Chemist in that province, but it has apparently been since dropped. If that comes to pass, Dr. Dhar may be transferred to the Pres. College in place of Dr. Dey. He may not be desirable to address the Govt. of India to find out a place for Dr. Dhar elsewhere in the provinces.

R
19.11.21

In Dhar no doubt specialized in Chemistry but & considering the degree he has taken & his practical experience he can not be ignorant of Physics. He is perhaps not so ^{proficient} ~~efficient~~ in Physics as he is in Chemistry but I believe very few professors are equally ^{proficient} ~~proficient~~ in both these sciences. It takes a little practice he will perhaps be quite competent.

in believe in Physics. He evidently
is not fit to believe in Geology
but I do not know him. It
is expected that the same person
should take classes in all these
subjects. No professor in an engineering
college can have such his knowledge
of the time to believe in Chemistry
Physics & Geology. He should be
minimally well versed in each of
Dr. Shaw and find from him if
he is really useful in college.

21/10/11

M₃

I cannot understand Mr. James
Culbertson - Dr. Shaw for what I think
is an unusual man in physical
Chemistry. As suggested by S. I
will ask that our Tutor
Dr. Shaw in mind of what the
principal says - but I am sure
that Dr. Shaw is very useful
in the Engineering College.

S. please ask Dr. Shaw to be
here tomorrow at 2 pm.

Dr. Shaw

Write to Dr. Shaw at once. His

21/10

Private address is 60 High Street,
San Thomas.

21/10/11

It is a draft to be sent.

8th

21/10/11

CR

21/10/11

[Do not send to Dr. Shaw, 21/10/11]

I had a long talk with Dr. Shaw on the subject.
He is now lecturing on Chemistry in
relation to Engineering.

He is a D.Sc. in physical Chemistry.
He has no doubt specialised in organic
Chemistry.

From Mr. R., the principal's letter &
the note of the Board of Visitors
show the kind of professor they
wanted. They expressed that
Chemical teaching should have a
distinct tendency in the technical
direction and the possible development
in future of investigational work
in connection with industrial problems.
Mr. Shaw satisfied very well these
requirements.

Dr. Shaw's note makes it clear.
Dr. Shaw says he is prepared to
lecture on Chemistry & physics and
the other lectures on Geology.

Law (Est) Dept.

NO 4820 A-1 1/24-10-21

Do.

Dear Sir,

The Honble the Minister Rao

Sahadur A.P. Dabogam,
Minister for Education,

desires to have a talk with

you regarding the teaching

of Science Subject in the

College of Engineering. I am

to request you to meet him

at 2 P.M.
Tomorrow at the Secretariat

buildings, Fort St. George.

Yours truly,

Dr.

24-10-21.

24/10/21

Resubmitted.
2/11/21

P. N. Dhar Esq.
Gov. High School
Law Home.

1st
2nd

In research work a well-equipped

Laboratory is necessary but in

the time being permission may

be granted to work in the

Practical College when necessary.

Moreover, the University syllabus

is taught in Chem³, ^(inorganic) Physics

and up to date results are given

to students. We will take up physics also.

Dr. Dhar is not in touch in line

and it is too soon to expect that

he will be suitable.

I have been in the and he is quite

available in course of time and

the work does not suffer. ^{as the} subjects are taught

according to the syllabus. ⁱⁿ taught

to only a few from his class.

Dr. Dhar 25/10/21

~~Dr. Dhar's letter on page 100 is only for~~
~~draft do. i. submitted. After some~~
~~the information of fact, the paper may be~~

~~concerning~~ The paper may be 'Recorded'.

8/11
26/10/21
27/10/21
28/10/21

Law (257) Sep

M 4820 A - 28/31.10.21

Dr.

Dear Littlehails

With reference to your do.

M 153, dated the 3rd October 1921,

I write to inform you that the Honble the Minister, who interviewed Mr. S. N. Dhar, is satisfied that he possesses most of the qualifications required of the Professor of Technical Chemistry and the ~~after~~ some experience, he will be quite competent to lecture in ~~Chemistry~~ Physics to the students of the College. The subject of geology may continue to be taught by the assistant to the Professors.

Yours sincerely

28/10/21

27.10.21

*He is already lecturing in Chemistry and ~~but~~ it is too early to report what he is not suitable for this college.

DESPATCHED
57 OCT 1921

Conid
27/10/21

To: R. Littlehails Esq.,

When given for copying
 When copied
 When examined
 When signed

192

READ AGAIN G.O. No.
 192

DATED

CURRENT No.

ENCLOSURES TO O. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER GOVERNMENT.

STATEMENT WITH DFTO.

PAYERS NOT FILLED UP, BEING MEANT FOR DISPATCH
 IN ORIGINAL.

N.B.—

- A = Copy in full.
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