

Educational (189 6) Department.

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G.O., Nos 751-2

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sent to Secy
Home 3/12/96

[Despatch Abstract.]

Presidency College. Sanctioning, with remarks,
the proposals of the L.P.I. regarding the
lectureships in Botany, Animal Physiology,
and Geology in the —. Copy to the Secy of India,
Home dept.

sent to Secy
Home 3/12/96

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	CN ⁷	751/96	Trans State				
	710	326 of 97	Trans State				

Government { 1896 } of Madras. EDUCATIONAL.

Recd.

Enclosures

Regd.

1896.

Spare copies

G.O., &c., Nos. 751, 752, 2nd December 1896.

DECEMBER.

Presidency College.

Sanctioning, with remarks, the proposals of the Director of Public Instruction regarding the lectureships in Botany, Animal Physiology and Geology in the —. Copy to the Government of India, Home Department.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—again the following papers:—

G.O., Nos. 574, 575, Educational, dated 28th July 1891.

ABSTRACT.—Approving the proposal of the Director of Public Instruction to establish three lectureships in the Presidency College with a view to the affiliation of that institution to the Madras University in the subjects of Animal Physiology, Geology and Botany; and moving the Government of India to accord sanction to payment of the necessary honoraria.

G.O., No. 52, Educational, dated 16th January 1892.

ABSTRACT.—Communicating to the Director of Public Instruction endorsement from the Government of India forwarding a despatch from the Secretary of State sanctioning the above proposals.

READ—also the following paper:—

From the Hon'ble Mr. D. DUNCAN, M.A., D.Sc., LL.D., Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 3rd October 1896, No. 10835.

I have the honour to submit, for the favourable consideration and sanction of Government, the following revised proposals regarding the three lectureships sanctioned in G.O., No. 52, Educational, dated 16th January 1892, with a view to provide for instruction in Botany, Animal Physiology and Geology in the Presidency College.

2. Of the three subjects referred to above, Geology may be said to be fairly well established in the college, as will be observed from paragraph 2 of Dr. Bourne's letter (to be kindly returned) enclosed. This is mostly due to the fact that, since the appointment of the present incumbent of the lectureship in Geology, the difficulty of providing for the conduct of the practical work, which was greatly felt during Dr. Warth's tenure of the lectureship, and which would be felt again were one outside the college staff appointed, ceased to be felt, as Dr. Bourne arranged with the present incumbent, when recommending his appointment, that he should devote his whole time to the classes. A special laboratory has been provided for the subject, and Dr. Bourne thinks—and I agree with him—that if the present incumbent were placed upon a permanent footing, the teaching of the subject would be a success.

3. Of the other two subjects, viz., Botany and Animal Physiology, it will be observed from paragraph 3 of Dr. Bourne's letter that Animal Physiology is a subject which it is extremely difficult to teach to a class in an Arts College, while Botany is one which is particularly well suited to local conditions and in which it would, Dr. Bourne thinks, be well to turn out a few well-trained students. In view of the facts that the subject of Zoology is firmly established and that there are several old students of the Presidency and the Christian Colleges who are, in Dr. Bourne's opinion, quite competent to lecture upon this subject, I would strongly support Dr. Bourne's recommendation that the lectureships in Botany and Animal Physiology be abolished and that an Assistant Professorship in Zoology be created in their stead; and also

that the lecturer in Geology be made a permanent member of the staff with the rank of Assistant Professor. Dr. Bourne would make Botany his chief subject, retaining, of course, the General Biology and the supervision of all the biological sections. The salaries of these Assistant Professors may be fixed at Rs. 180 and Rs. 170, or Rs. 350 altogether, which comes to Rs. 4,200 a year. This sum is just equal to the total amount of honoraria sanctioned for the three lectureships in G.O., No. 52, Educational, dated 16th January 1892, so that these proposals do not involve any additional cost to Government.

4. The necessary proposition statement will be submitted on receipt of Government orders approving of the proposals. If the proposal be approved, one addition has to be made to the Rs. 180 (second) and one to the Rs. 170 (third) class of officers in the Subordinate Educational Service reorganization scheme now before Government.

5. I beg to add that it is intended to give effect to the proposal in regard to the Assistant Professorship in Geology from 1st January 1897 and to that in Zoology from 1st January 1898.

ENCLOSURE.

From A. G. BOURNE, Esq., D.Sc., Professor of Biology, Presidency College, to the Principal, Presidency College, dated 26th August 1896.

I wish to effect some change with regard to the three lectureships which were sanctioned in G.O., No. 52, dated 16th January 1892, for Botany, Animal Physiology and Geology.

The system of appointing some one outside the college staff to give a course of lectures is unsatisfactory in that it makes no provision for the conduct of the practical work. Dr. Warth's appointment as lecturer on Geology is the only appointment which has been made in strict accordance with the scheme, and the difficulty with regard to the practical work was then greatly felt. The uncertainty with regard to the appointment of a lecturer in any particular year is also a serious drawback. The uncertainty depends upon (1) the strength of the class attaining the prescribed minimum and (2) a lecturer being available. The Junior B.A. classes are necessarily formed gradually—every day, for some weeks after the publication of the F.A. results, bringing new students—and under the present arrangement those who join early and wish to take one of the subjects in question have to be told to wait until the minimum strength is attained, and then there is a chance that no lecturer may be available, so that after waiting for an indefinite period they have to return to some other subject. They have further no guarantee that in their second year there will be any course of lectures in their subject. Since H. Narayana Rau has been lecturing on Geology the difficulty with regard to practical work has been overcome, as, although he is only bound to deliver a course of fifty lectures per term, I arranged with him, when recommending his appointment, that he should devote his whole time to the classes, and this he does. The difficulty with regard to the minimum strength has been got over by persuading a sufficient number of new students to take that subject and discouraging them from taking Botany or Physiology except in the case of one or two promising students whom I then instruct myself; but so far as the two last-mentioned subjects are concerned, this plan defeats the object with which the lectureships were established.

2. I propose that the lecturer on Geology should be entertained upon the permanent staff as an Assistant Professor. The subject seems to be fairly well established in the college, a special laboratory has been provided for it, and if the present incumbent were placed upon such a permanent footing, there is, I think, every prospect that the subject would be a success. The University results last year were extremely promising. To meet the views of the Professor of Chemistry as expressed in last college report, paragraph 6, a special course of lectures on Chemistry for Geology students might possibly be arranged.

3. With regard to the other subjects, I propose that no further steps should be taken with regard to Physiology. Higher Animal Physiology treated from a purely scientific as opposed to a medical point of view (a distinction usually drawn by the medical profession) is an extremely difficult subject to teach to a class, and the difficulty is increased to a greater extent than in other subjects by local and particularly climatic conditions. The subject treated as a medical one is, moreover, well provided for in the Medical College. A study of Botany is, on the other hand, peculiarly suited to local conditions, and it would be worth while to turn out even a few well-trained students in the subject. While I have had entire charge of the Zoology, I have had to content myself with taking a student in Botany now and then only; one of these—K. Rangachariar, one of the most successful students I have ever had—took a first class in the M.A., and, now a schoolmaster still devotes his leisure to botanical research. I propose, now that Zoology is firmly established and there are several old students from this or the Christian College capable

of lecturing upon the subject, to make Botany my chief subject, retaining, of course, the General Biology and the general supervision of all the biological sections. I should like to see the lectureships in Botany and Physiology abolished and an Assistant Professorship in Zoology established in their stead.

4. Financially, my proposals need entail very little expenditure over and above that already sanctioned. A sum of Rs. 1,400 per year is now sanctioned for each of the three lectureships, i.e., Rs. 350 per mensem, while the two Assistant Professors might draw Rs. 150 and Rs. 200 per mensem each and be eligible for promotion into the Provincial Service.

5. With regard to the strength of the classes, the whole class studying Biology (i.e., the botanical, zoological and geological sections taken together) should be compared as to numerical strength with the other Science branches (Mathematics, Physics, Chemistry, Mental and Moral Philosophy and History) and not any one section of it. It is not, I submit, in any case fair to compare the cost per student of classes working in the laboratory with those who merely attend lectures, and further in all biological laboratory work, on account of its difficulty and the necessity for so much personal individual supervision, efficiency of teaching is incompatible with large classes.

There is, however, no reason to suppose that the strength of the three sections taken together will even compare unfavourably with that of the classes in other Science branches.

6. I hope that if the scheme is sanctioned the lecturer on Geology may be put upon the new footing from the commencement of the ensuing college year, while the arrangements with regard to Botany and Zoology might come into force in January 1898.

ORDER—No. 751, Educational, dated 2nd December 1896.

The proposed arrangement will improve the facilities for scientific instruction, and is sanctioned.

2. A copy of this proceedings will be forwarded to the Government of India, with reference to the Home Department (Education) endorsement, No. 328, dated 17th December 1891.

(True Extract.)

G. S. FORBES,
Secretary to Government.

To the Director of Public Instruction.
" Financial Department.

ENDORSEMENT—No. 752, Educational, dated 2nd December 1896.

Copy to the Government of India, Home Department.

G. S. FORBES,
Secretary to Government.

Educational (1896) Department.

CURRENT No. 1194

52/92 ✓
574/91 ✓
593/88 ✓

From

The Dir. of Pub. Instruction,
Madras.

Order

No. 10835-

Dated 3 October 1896.

Received 5-10-96

Registered 5

Enclosures one.

Spare copies nil.

SUBJECT.

Submitting certain proposals regarding the three lectureships in Botany, Animal Physiology and Geology in the Presidency College.



BACK PAPERS.

G.O.	No.	Department.	Date.
	52	Ed.	16-1-92
	574	"	28-7-91
	5924	"	15-10-88
	576	Ed.	16-9-96
	152	"	19-3-96
	206	"	7-3-98

FURTHER PAPERS.

G.O.	No.	Department.	Date.

[G. 25]
1,000-5-11-90

H.M.
Lfg 20751-2 981
12-9-96

Two Asst Professors for the
Presidency College.

Ed DEPARTMENT

G. No. 1194 of 96.

FOR ORDERS.

- The proposal is to abolish the Lectureships in Animal Physiology, Geology & Botany in the Presidency College which were established with the sanction of the Govt of State in 1892 (vide G.O. no. 52 Ed. D. 16th Jan. 92) and to create in their stead two Asst Professorships - one in Geology and the other in Zoology - costing Rs 350 a month. There is only one Lectureship (that is in Geology) at present for the Presidency College and it costs Rs 1400 per annum or Rs 116-10-8 without any claims for pension. This charge will be doubled or trebled when another or two lectureships are appointed but that can be done only when a class of seven students can be formed for each lecturer. The proposal thus involves an additional

her memo
11/3/96

Dr. Baume proposes to take up Botany and General Biology and to intrust the teaching of Zoology and Geology to the Asst Professors to be appointed. The sanction of the Govt of I. is not necessary for the creation of these appointments.

FOR ORDERS.

^{7/11}
The three lectureships with the honoraria attached to them were sanctioned by the Secy of State. If so, is not the sanction of the Govt of I. at least required to alter the resolution of the money? J.H. 5/11/96

The sanction of the Govt of I. does not appear to be necessary; but to be on the safe side, a copy of the Pro. of this Govt sanctioning the proposal of the D.P.D. may, it is submitted, be communicated to the Govt of I. for information.

^{7/11}
13/11

14/11.

The arrangement proposed is preferable to that at present in force. The case is fully explained in the correspondence, & may be approved.

~~As~~ The Govt of I. sanctioned the allowances on ^{open} honoraria was required on financial grounds as the pay of the officers who were eligible for them was raised

H. E. THE GOVERNOR.

THE HON'BLE MR. H. W. BLISS, C.I.E.

THE HON'BLE MR. J. GROSE, C.I.E.

The proposed arrangement seems good in every way & may be approved J.H.

Yes
J.H.
23/11/96

above the powers of sanction laid down in 89 C.S.K. No sanction is required to the suggested arrangement, but a copy of our report may go to the Govt of I. in order that they may know that the devolution of the money has been altered.

J.H. 14/11/96

FOR ORDERS.

[G.]
[A.]
28-10-96.

Ed. DEPARTMENT.

Papers to be read in proceedings:—

Again G.O., dated 28th July 1891, No. 574495
Again G.O., dated 16th Jan'y 1892, No. 52
Current No. 1194 of 1896, dated 3rd Oct, from the D.P.I. a/p with inclos
" " " 189 " " " "
" " " 189 " " " "

ORDER. N^o 751 of 2-12-96
P.S.

The proposed arrangement will improve the facilities for scientific instruction ~~and be sanctioned~~ that at present in force and will be approved.

2. A copy of this Pro. will be forwarded to the Govt of I. with reference to the Home Dept. ^(Education) endorsement no 328 (Education) & 17th Dec 91

To the Govt. of I. ^{17/12}
- Hindust. } Desf. 17/12
N^o 752.
End.
Copy to the Govt of I. Home Dept. ^{17/12}

7/12
30/11

First copy sent to Press. 7/12

Returned for signature. 16/12

Despatched in print. 16/12

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AD AGAIN G.O., No.
122

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ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DITTO.

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