

## Educational (191 / ) Department.

ORDINARY MS.

G.O., No. 8 //

DATED 18-11-11-

[Despatch Abstract.]

Special Duty.

Declining to recommend that  
Mr Littlehales be placed on — during  
his furlough for the purpose of enquiring into the  
question of the training of laboratory attenders  
and the method of teaching mathematical  
physics—

10/18/11 RH

28/10/11 RA

16/11/11 RH

6228/11/12



# PAPERS PUT UP WITH CURRENT No. \_\_\_\_\_

Papers of the department to which the current belongs.

| Number. | Date | Original (=O.)<br>or spare copy<br>(=S. C.) | Remarks.<br>(In this column such of the<br>papers as have been removed<br>for copying, printing,<br>etc., should be marked with<br>a cross.) | Initials of Referencer with date<br>in token of return to Reference<br>department. |
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Stock Form No. 186.  
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## EDUCATIONAL DEPARTMENT.

Received



191

Registered

18. 10. 1911

Subject.

Submitting for favourable consideration a letter from  
Mr. R. Littlehalles, Inspector of European and Training  
Schools, requesting that he may be placed on special duty  
for four months during the period of his furlough.

### ENCLOSURES.

No.

Ref on Cur No. 6995 / 11.

Spare copies

Station, Madras, Dated the 14<sup>th</sup> October 1911.

From (Name) The Hon'ble Mr. J.H. Stone, M.A., F.R.H.S.,

(Designation) Ag. Director of Public Instruction.

Madras.

To The Secretary to the Government of Madras,  
Educational Department,

Su,

T.H.  
20/10/11

2 3  
Department of Public Instruction.

OFFICE OF THE

European and Training  
INSPECTOR OF SCHOOLS, 3Circle.  
District.  
Range.

Madras m

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C No. 2436 of 11 dated 3<sup>rd</sup> october 1911.

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Despatched

DESPATCHED

OCT 1911

Received

191

Enclosures

Spare copies.

Subject.

Requesting to address the Government to place  
him on special duty for four months of his Gazetted  
furlough

To be placed

C. No. 2436 of 11

Office of the Inspector of European  
and Training Schools, Madras,  
Dated 3<sup>rd</sup> October 1911.

DESPATCHED  
3 OCT 1911

From

R. Littlehailles, Esq., M.A.,  
Inspector of European & Training Schools,  
M a d r a s.

To

The Director of Public Instruction,  
M a d r a s.

Sir,

Adverting to your Dis. No. 4360 dated 16 - 7 - 1903,  
communicating Despatch from His Majesty's Secretary of State  
for India Office, London, 28th November 1902, No. 146, Public,  
(Educational) to His Excellency the Right Honourable the  
Governor-General of India in Council's letter, Home Depart -  
ment No. 6 (Education) dated 2nd October 1902, I have the honour  
to request that you will be so good as to address the necessary  
Government or Governments with the request that I may be placed  
during a period of not more than 4<sup>(four)</sup> months of my ensuing gazet-  
ted furlough, on special duty under the conditions contained  
in the above mentioned Proceedings, for the purpose of ascertain-  
ing and reporting on the following two questions :

- (1) The training of laboratory attenders.
- (2) The equipment necessary and the modern methods adopted for  
the teaching, both theoretically and practically, of that group  
of subjects that is commonly classified as Mathematical Physics.

It may lead to lucidity if I submit seriatim my remarks  
in accordance with the general principles laid down in para 3

of

4 B

of the Despatch from the Government of India dated, Simla, 2nd October 1902, No. 6.

(1). The places which I propose visiting are confined to Europe are chiefly in Germany and are the following :-

England. Birmingham, Cambridge, London, Manchester.

France: Paris.

Holland: Leyden.

Prussia: Berlin, <sup>e</sup>Br<sup>e</sup>slau, Göttingen, Königsberg.

Bavaria: Erlangen, München, Wurtzberg.

Baden: Freiberg, Heidelberg.

Saxony. Weimar: Jena.

I may mention that I have settled these as the most suitable places for my investigation from my own knowledge and from a careful study of the two most recent volumes of the Minerva Jahrbuch and Handbuch der gelehrten Welt.

(2). (a) Although I have had the intention of submitting this application for some time, pressure of my official duties and my extended touring have prevented me from ascertaining such details as were necessary for its submission at an earlier date.

(b) I do not know of any other Indian Educational officer who is or who intends taking up the two subjects suggested above for furlough study and report.

(3). (a) I submit that ~~the~~ both the suggested points of enquiry are needful for this Presidency (and indeed for the whole of India). As regards the former Mr. R.L.L. Jones, Professor of Physics of the Presidency College, Deputy Director of the Madras Observatory, and Meteorologist Madras, has strongly advised its investigation; Dr. Rudolf of the Tata Institute, Bangalore, also considers it necessary as he informed me in recent conversation, and my experience last year as a member of the Commission appointed by the Madras University for the inspection of affiliated Colleges has also brought home to me very strongly the need of the establishment in the south of India of some institution or preferably

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preferably some branch of an institution for the training of ~~of~~ laboratory attenders. As regards the latter subject of enquiry I submit for your information that mathematical physics is almost completely ignored in all Colleges affiliated to the University of Madras (I have personally inspected the work of the majority of them) and I should like to be <sup>able to be</sup> in a position to offer to the Hindu mind some suggestions for making the teaching of mathematical physics attractive and if possible to raise it to the level now enjoyed in the south by the teaching of Pure mathematics. As a mental discipline it is as severe as that obtained by <sup>a</sup>the study of Pure mathematics and its application to science is much greater and more practical than that of Pure mathematics. I submit also that the new regulations of the University of Madras include certain subjects of instruction in the Honours Courses that are branches of mathematical Physics.

(b) As regards my fitness for investigating the questions suggested, I might invite your attention to my history of service since I came to this country, from <sup>which</sup> ~~it~~ will be seen that the major portion of my time has been taken up as Professor of Mathematics, acting Professor of Physics, and acting Meteorologist and Deputy Director of the Madras Observatory and I was selected last year by the Madras University as a member of the Commission appointed to inspect Colleges affiliated to the University. I also submit for your information that before coming to this country I was <sup>was</sup> ~~was~~ in Physics at the Clarendon Laboratory, Oxford, giving to the junior students General Physics lectures recognised by the University. I was further~~more~~ and prior to that time a student in Prussia at the Kiel University under Professor Lenard for nearly a year, and could, a decade ago, speak German fairly fluently.

6/6

1/57/6

(4). The points of enquiry and reasons for enquiry are stated above.

(5). I request ~~that~~ permission to be placed on duty for a period of four months only. I do not at present desire to specify the exact date of beginning and end of such duty since I should prefer to enter into correspondence first with the University authorities to ascertain the most favourable times for my visit. In Germany the Winter semester usually lasts from the middle of October to the beginning of March and the summer semester from the middle of April to the beginning of August. These periods are different from the terms of the English and French Universities and I should, have to make up my 'tour programme' subsequently so as to suit the terms of the places I desire to visit.

(6). My report will be submitted to you at the end of my furlough.

I request that orders be passed on this application at as early <sup>a</sup> date as possible in order that I may not lose time in making the necessary arrangements.

I submit that if orders are required to issue from the India Office ~~that~~ they will reach me early if addressed to me C/O National Bank of India Limited, Bishopsgate Street Within, London.

I have the honour to be,

Sir,

Your most obedient servant,

*M. S. S.*

Inspector of European  
and Training Schools.

S.G.

Ref on Cur No. 6995 / 11., dated /4<sup>th</sup> October 1911.

Submitted to Government for favourable  
consideration.

*C. K. Maheshwari*  
for Director of Public Instruction.

M. S. S.

*MS*

# NOTE FILE.

Deputation of W Littlehales on special duty  
during furlough.

C.No.2571, from the Director of Public Instruction, No.6995 dated 14-10-11.

Subject.

Deputation of Mr. Littlehales on special  
duty while on furlough.

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K.

The rules regarding the deputation of officers of the Indian Educational Service on special duty while on furlough are contained in para.3 of the Government of India Despatch No.6 dated 2nd October 1902 on pages 2 and 3 of G.O.No.49 Educational, dated 30th January 1903. They are

"(1) The scheme need not be confined to inspectors and teachers in technical and scientific subjects, although particular attention has been drawn to these in the resolutions quoted above; and the selection of the places for study need not necessarily be confined to Europe.

"(2) The longest possible notice should be given to the Government of India of such proposals, in order that they may be fully considered and in order that steps may be taken for making the necessary arrangements. The requisite facilities are not always obtainable at very short notice, and it is not desirable that different officers should be pursuing the same subjects independently of one another in the same field.

"(3) The Director of Public Instruction in the province concerned should consider the proposals carefully, with reference ~~to~~ both to the needs of the province and also to the fitness of the officer to carry them out.

"(4) A full statement of the points of inquiry and the reasons for inquiring into them should be furnished in each case.

"(5) As a general rule the Government of India are disposed of to think that a period of six months will be sufficient for such inquiries.

"(6) An officer so deputed will be required to make careful notes of the studies which he pursues and the observations which he makes, and to submit them on return to the Director of Public Instruction. Local Government will, in due course, forward copies to the Government of India."

2. These conditions, except No. (2), seem to be satisfied in the present case. Though the D.P.I. has ~~not~~ <sup>not</sup> expressly given his opinion that the special duty will be of service to the Presidency and that Mr. Littlehailes is fitted to undertake it, he has submitted the application for <sup>favorable</sup> consideration and it may perhaps be assumed that he has considered these two aspects of the question. ~~Re.~~ <sup>Re.</sup> condition 2, ~~in~~ <sup>in</sup> reply to an enquiry from this Government as to what period of notice should be given, the Government of India stated that in June each year Local Governments should report what Educational Officers intend to avail themselves of leave during the next calendar year and whether any proposals for their deputation would be made. ~~Re.~~ <sup>Re.</sup> exceptional cases, however, they said they would not exclude proposals submitted at least three months before an officer left India. In the present case, Mr. Littlehailes has already left India and, in explanation for the delay in submitting this application, he states on page 2 of his letter that pressure of official duties and his extended touring prevented him from ascertaining such <sup>details</sup> ~~as~~ as were necessary. The Government of India have more than once said that applications of this kind should be made before the officer leave this

80. 14325<sup>c</sup> T  
3.3.04

Page 4 of c.b.

Page 2+3 of 80. 2783<sup>c</sup>  
13.1.04 M.

this country.

Mr. Littlehales has been given leave for 12 months and 12 days and even if this application goes to the Government of India now, there is tm time for their making the necessary arrangements for his being placed on special duty within the period of his leave.

It is for orders whether the Govt of India may be addressed.

Re

Circd in B.M. 48. 4. 11. 11

H.M.

I think so.

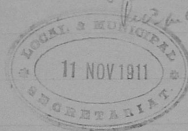
Mr. Littlehales has not given any reasonable notice & must not pramble on that ground to Govt of India before to give him permission. But the deputation may, I submit, be supported.

J. G. H.

One cannot keep thinking that a desire for a pleasant & intellectually engaging trip round the schools of Europe has a great deal to do with this proposal. Surely the training of laboratory attendants is hardly a subject on which we need go to Germany for advice, & "Lab" have thought the methods of teaching Mathematics Physics might have been quite sufficiently studied at Cambridge & other universities in England. I don't feel inclined to

Recommend this trip - Please  
ask Dr. Borne if he considers it  
advisable that the regiments of the  
d. Ph<sup>o</sup> be supplied. India are  
clearly and very willing to encourage  
this expenditure which is open to  
much abuse.

Pluo 2571-1  
Sept 10. 11.



L.O.N<sup>o</sup> 92 87 10. 11. 11.

I cannot think that any system  
of training laboratory attenders in  
France in Europe is likely to be  
of much use in this country.

That Mr Littlehales should  
solemnly put this forward as  
an object of enquiry makes me  
doubtful as to his suitability  
for the other enquiry proposed.

I am not an expert in the  
subject but I should fancy that  
all the best regarding the teaching  
of it must be already on record

ABJ 9. 11. 11

Submitted with reference to H. W.'s  
remarks on pages 3 & 4 ante.

Dr. Brown is evidently not for the  
deputation of W. Littlehales on  
special duty.

Re.  
11-10-11 ✓ And it may be regretted.  
W. Stone himself had some  
doubts, as I have since ascertained  
in conversation. 12-11-11  
J.M.

Circled in Box No 5.

Decline to recommend.



Draft submitted for approval.

7H.  
17-11-11

18  
11/11/11

[fo. No 8/1 misd, 18-11-11]

READ AGAIN G.O., No. , dated 191  
 " " " " " " 191

READ ALSO:—

C. No. 2571, From the DDJ, No. 6995, dated 14-10-1911

191

## ORDER

No. 811, dated 18 . 11 . 1911

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The Govt are not prepared to recommend that Mr. Littlehales <sup>should</sup> be placed on special duty during his furlough for enquiring <sup>to purpose of</sup> into the question of <sup>the</sup> training of laboratory attenders ~~and~~ of the equipment necessary and the methods adopted <sup>for</sup> ~~for~~ teaching <sup>the</sup> mathematical Physics.

7.7.  
47-4-4

Re  
17.11.11

18

To The D.P.I.

11/11/50

When given for copying \_\_\_\_\_  
 When copied \_\_\_\_\_  
 When examined \_\_\_\_\_  
 When signed \_\_\_\_\_

191

READ AGAIN G.O., No. \_\_\_\_\_, DATED  
 191 \_\_\_\_\_

CURRENT No. \_\_\_\_\_

ENCLOSURES TO G. No. \_\_\_\_\_

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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 IN ORIGINAL.

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