

Home (192 /) Department.

Education

Ordinary SERIES.

G.O. No. *191*

DATED *5-2-21*

INDEXED

20

[Despatch Abstract.]

Inspecting agency---Recruitment of subordinate staff,

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
		for 77 R 711-4-21					

Scott. II-9-1-16.

DEPARTMENT.

CURRENT FILE.



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Papers of the department to which the current belongs.

ber.	Date.	Original (=O) or spare copy (= S.O.)	Remarks. (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department.

Papers of other departments.

Department.	Number	Date.	Original (= O.) or spare copy (= S.O.)	Initials with date of (1) Referencer acknowledging returns of the paper concerned or (2) Despatcher to denote the return of the papers to the department concerned.

(22) Appointment of persons with agricultural diplomas as inspectors of schools.

46. The Committee feel that the thorough ruralization of rural education can only be partly attained by the means suggested in the foregoing paragraphs. They would submit that the promotion and maintenance of a real rural atmosphere in rural schools, demand a like atmosphere throughout all branches of the inspectorate.

47. The Committee realize that the functions of Circle Inspectors are not, and cannot be confined to rural education. Indeed, most of their work is at present devoted to the inspection of secondary and Training Schools. But it is understood that Government are now considering the expansion of the cadre of Inspectors, and this should enable Inspectors to devote more time to rural schools. The Committee feel strongly that it would make for the betterment of Rural Education if the cadre of Inspectors contained an appreciable admixture of officers whose outlook was essentially rural, and they suggest first, Agricultural and second Natural Science, as subjects best calculated to secure the type of officer desired. The Committee recommend that, of the total cadre of Inspectors as it will ultimately stand, at least 25% should possess a University degree or Diploma in Agriculture, and that at least another 25% should hold a degree in Natural Science. If it is impossible to obtain the former, the total percentage of 50% should be made up by increasing the number of Natural Science Graduates.

D.P.I.'s remarks.

I fear that I am not entirely at one with the committee here. I consider that our inspecting staff should contain representatives of all branches of knowledge.

Committee's recommendations.

(23) Recruitment of the subordinate inspecting staff.

48. For the grades of Assistant and Sub-Assistant

To the Director of Agriculture
(with extracts of paras 46--48 of
the Committee's report, and the re-
marks of the D.P.I.)

omates of the Agricultural College would be most suitable, except that they are probably deficient in their knowledge of English and consequently in all round general educational qualifications, when compared with those who have taken the Natural Science course at the University. To remedy this deficiency, the Committee suggest that a course of English should be included in the Agricultural College Curriculum.

D.P.I.'s remarks.

I have already asked Dr. Mann, Director of Agriculture, Bombay, if he could recommend any graduate in Agriculture of the University of Bombay to me for appointment as Sub-Assistant Inspector of Schools in this Presidency. He has up to the present been unable to do so. The present diplomate of the College of Agriculture under the present course is, I fear, not entirely suitable for appointment as a Sub-Assistant Inspector of Schools. Moreover both in Bombay and Madras it would appear that the persons trained in the Agricultural College are required for the Agricultural Department. It does not appear as though there were any men to spare at present in the Educational Department.

I favour in the meantime a plan which has been suggested by the Principal of the Central Training College, Lahore, in a pamphlet he issued in 1917 on the teaching of Agriculture in the Primary, Middle and high schools in the Punjab of sending a science graduate who have taken a degree in Botany, or Zoology for a six months' training in Agriculture to a college of Agriculture. Details of the scheme can be worked out by consultation with the Director of Agriculture.

En 20520
18/4/20
P. 137/11/19/15/16

Remains to issue
Page 1-2 note
+ P. 137/11/19/15/16 (M)

P. 137/11/19/15/16

A

To the Director of Agriculture
(with extracts of paras 46--48 of
the Committee's report and the re-
marks of the D.P.I.)

REVENUE (SPECIAL) DEPARTMENT.

O.M. No. 583-III/20-1, dated 3-4-1920.

Extracts of paras. 46--48 of the Report of the Committee on Rural Education and of the remarks of the Director of Public Instruction on the proposals contained therein are furnished to the Director of Agriculture and he is requested to report whether arrangements could be made for the training of the science graduates for a period of six months at the Agricultural College as suggested by the Director of Public Instruction. The attention of the Director is invited to Mr. Couchman's letter No. Dis. 390, dated 24-2-1911, dealing with a similar proposal made in 1911.

R.R.,
31-3-20.

H.R.U.,
1-4-20.

R.O.C.384-Gt.



Office of the Director of Agriculture,
Madras, Camp: Coimbatore, 5th June 1920.

The Hon'ble Diwan Bahadur L.D.Swamikannu Pillai Avl.I.S.O
Director of Agriculture, Madras.

To

The Secretary to Government,
Revenue (Special) Department, Madras,
Cotacamund.

Sir,

Referring to Government Memorandum No.583-III/20-1 dated 3rd April 1920 calling for a report as to whether arrangements could be made for the training of science graduates for a period of six months at the College of Agriculture as suggested by the Director of Public Instruction, I have the honour to submit the following report.

2. Government are aware that I have recently written a good deal on this subject from another point of view, viz. the staffing of the Agricultural Department in its superior ranks and the present reference, of which the object is to secure a leavening of the Inspectorate branch of the Education Department with officers especially trained in Agriculture and qualified to see that Rural Education is conducted on right lines, is only another phase of the same question. I have not seen the pamphlet issued in 1917 by the Principal of the Central Training College, Lahore, which advocates training in Agriculture of science graduates for a period of six months, but it seems to me to be prima facie contrary to all recorded expert opinion on the subject that any efficient training could be imparted to such graduates in Agriculture within the space of six months.

Refers to discussions while the division of college courses.

by Dir of Public Instruction - P.S. (M)

2.
A graduate in Botany or Zoology, entering upon agricultural studies, is no doubt at a certain advantage in that he has scientific knowledge and training which he could make good use of in future. But he is entering upon the study of a new subject as unfamiliar as for instance ^{as} is Trigonometry to a person who has studied some Algebra and Geometry. Agriculture is also essentially a practical study requiring the observation by a diligent student of agricultural processes as pursued in different parts of the country and also requiring the performance by him of agricultural operations for at least two or three seasons. It was pointed out by Mr. Couchman in 1911 in the letter to which my attention is drawn in the Government Memorandum that a real knowledge of Agriculture cannot ~~be~~ ^{be} acquired, especially by students of the literary classes, without the practical training in the fields which the full course at Coimbatore supplies. It was also pointed out by Mr. MacKenna in his book on "Agriculture in India" that Agriculture is not a science in itself but a combination in practice of many sciences. I need not therefore labour the point that the training of science graduates in Agriculture will have to be spread over the full three years course embraced by the higher curriculum provided at Coimbatore. The course could be shortened to two years if a special teaching staff were provided; but this will not be practicable for a long time to come. I have already referred to the difficulty felt in this matter by the experts and the lecturing staff at the College at Coimbatore, and to their objection that if any considerable number of science graduates had to be specially trained at the College of Agriculture, the teaching of such students would have to be undertaken by the experts themselves at the expense of research work. In view of these difficulties, I placed before Government the proposal to admit to the higher course at the College

3. 6
students who have passed the Intermediate examination of the Madras University in Group I or II, ^{and} to train them for three years by giving them the equivalent of a full University course in Agriculture, should the University come to possess a Faculty in Agriculture. I hope that some at least of these students for the higher course will be full graduates of the Madras University in Chemistry or one of the Biological sciences; and except that their number will be limited for some years to come, there will be no difficulty in using them for the purpose contemplated by the Director of Public Instruction, viz. as Inspectors and Assistant Inspectors of Rural Education. This only emphasises the necessity for carrying out at a very early date the extension of the College buildings so as to provide class rooms and laboratories for a much larger number of students than the 100 or so whom the present building can accommodate. It will also be necessary to provide hostel accommodation for a fairly large number of students and also quarters for the lecturers and assistants whom it will be necessary to employ over and above the present staff. I shall submit proposals as soon as I can, for this very necessary expenditure; and for the present would request Government to expedite the buildings of the new College of Agriculture so as to enable the Department to train a very much larger number of students than is now possible without prejudice to research.

I have the honour to be,

Sir,

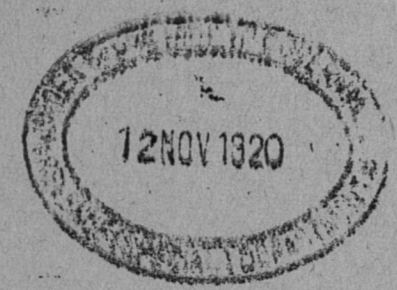
Your most obedient servant,

L. S. Swamikannu

Director of Agriculture.

7

NOTES.



Extract from the notes
in the file dealing with
the rural education committee's report.

NOTES to G.O. No. —, HOME (EDUCATION), APRIL 1920 — 27
(28) RECRUITMENT OF THE SUBORDINATE INSPECTING STAFF.
Committee's recommendation.

18. For the grades of assistant and sub-assistant inspectors of schools, the Committee suggest similar qualifications, with the additional one that as far as possible these officers should be recruited from the rural population. Diplomates of the Agricultural College would be most suitable, except that they are probably deficient in their knowledge of English and consequently in all round general educational qualifications, when compared with those who have taken the Natural Science course at the University. To remedy this deficiency, the Committee suggest that a course of English should be included in the Agricultural College curriculum.

Director of Public Instructions' remarks.

I have already asked Dr. Mann, Director of Agriculture, Bombay, if he could recommend any graduate in Agriculture of the University of Bombay to me for appointment as sub-assistant inspector of schools in this Presidency. He has up to the present been unable to do so. The present diplomate of the College of Agriculture under the present course is, I fear, not entirely suitable for appointment as a sub-assistant inspector of schools. Moreover both in Bombay and Madras it would appear that the persons trained in the Agricultural College are required for the Agricultural Department. It does not appear as though there were any men to spare at present for the Educational Department.

I favour in the meantime a plan which has been suggested by the Principal of the Central Training College, Lahore, in the pamphlet he issued in 1917 on the teaching of Agriculture in the Primary, Middle and High schools in the Punjab of sending trained science graduate who have taken a degree in botany, or zoology for a six months' training in Agriculture to a College of Agriculture. Details of the scheme can be worked out by me in conjunction with the Director of Agriculture.

Secretariat note.

Attention is solicited to Mr. Couchman's letter No. 390, dated 24th February 1911, on page 18 of G.O. No. 424, Educational, dated 1st July 1911, wherein objection was taken to the deputation of officers of the Educational Department to the College of Agriculture, Coimbatore, for a short period of training, as such training would be of no use. The remarks of Revenue (Special) may be invited u.o. on the Director's proposal.

N. KAILASA SARMA—22-3-20. R. RAMACHANDRA RAO—25-3-20.

REVENUE (SPECIAL) DEPARTMENT.

Please see Educational note above. The course of studies at the Agricultural College, Coimbatore, has been revised and 'agriculture' is now taught in the first two years of the college course. There will be no objection to take in additional hands, but the doubt is whether without interference to the regular work of the college the training could be compressed within a period of six months for the science graduates whom it is proposed to send to the Agricultural College. These officers will have to be taught in a class by themselves and in its present shorthanded condition the college could not undertake any special class.

2. The Director of Agriculture has separately sent in proposals for the training of 20 science graduates with a view to their eventual appointment in the higher grades in the subordinate service and to a few posts in the Provincial Service. The course of training proposed in their case is one of two years and will include all the subjects required for the diploma course. The Director's proposals are under separate consideration and it may be stated that they involve a considerable dislocation of the work of the department. When those proposals are approved it might perhaps be found possible to take in a few more graduates on account of the Educational Department. But even then it is unlikely that a special course of six months could be undertaken on their account. The proposal of the committee will in any case have to be referred to the Director for his opinion. A draft official memorandum to that officer is submitted for approval. After its issue the file may be sent to Local and Municipal with reference to page 19 ante.

R.R.—31-3-20.

H. R. UZIELLI—1-4-20.

The question of recruitment for the inspectorate is of a subsidiary one and may be considered separately on receipt of the report of the Director of Agriculture called for in Rev. (Sp1)

N.K. 17-5-20. C.R. 18-5-20. R.R.R. 19-5-20.

may be considered separately as proposed.

C.G.T. 8-6-20. P.R. 10-6-20.

L.D. 25-8-20.

W 12-6-20.

9 8

Agrl. training for Natural Science graduates.

epo. 895-III/20.

Do under Seny

Please see the om. to the Director

of page no 583-III/20-1 d 3.4. 1920 (P.3CF) and his
reply (Letter No. 38481 d 5.6.20 - pages 4-6CF.)
on the subject of training natural science
graduates in agriculture at the agrl. college
for a period of six months with a view to
their appointment as Sub-Assistant Inspectors
of schools. In the circumstances explained
by the Director of Agriculture, the training
cannot be undertaken at the college. The
file may be forwarded to Home (Cm)
Dept who are now considering the
report of the Committee on Rural Education.

RR
9.6.20.

recd
file
9.6.20

Reply not to be found

Then an no pages number 4-6 of

31
16 6

recd

PP. 4 to 6 of the
current file which
contains the Director's
reply will be found on 107

Handled by D. no
from even if there
was the shift in
the decision in
short

file
9.6.20

17

10

9

3

of the current file put
below the 25th file
here
10.6.20

In proposed changes to the
quite in practice
10.6

Ref. 100 895-10/20-1
10.6.20
10/6

Home (924) 11/6



Hon 1954 A
11-6-20

Home (924) Dept.

Submitted that the file may be sent
to the D.P.D. for any remarks which
he may wish to offer on the letter
of the Director of Agriculture.

SK
18/6/20
NY
23/6/20

CR
25/6/20

The Director of Agriculture has
raised the point. If the full period
course is sufficient to equip the
students for entering the Department
of Agriculture, surely a shorter period
ought to suffice for other departments
in which Agriculture is not the
chief consideration.

2. The Edel Dept at present is of
all departments that which

comes into closest contact with the youth in rural regions. The Agricultural Committee considers that a rural atmosphere is necessary & towards this end recommends that a large number of educational officers should be inoculated with that atmosphere. In Edcl I should strongly object to any proposal that an educational officer should specialise in agriculture to the same extent that an Agricultural officer should. The D.P.2 contemplates to work out a scheme in consultation with the D.A.

3. Practically it will probably be found that much of the curriculum — the theoretical part at least — of the Agricultural course is covered by the pupils previous equipment in Science.

4. Further^{over} if there be difficulties I think that the College of Agriculture should endeavour in securing the object in sight — viz to equip a department already in touch with the rural population with just the necessary knowledge for Agriculture itself.

Even from the matter of growth of new spread of agricultural knowledge this proposal appears to bid more than merely in turning out a handful of experts with or without previous liberal education.

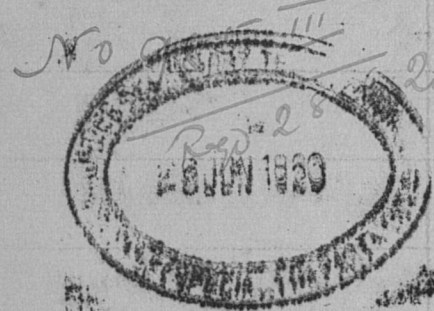
5 Under the above circumstances I shall be obliged if Rev Spcl will kindly instruct the D.A to discuss the Scheme with the D.P. & to submit alternative proposals if possible
 May 28/6/20



Received 1854A-1
 28620

Rev spcl

Rev (SHE) Dept
 2.0.69
 6.7.20



To Under Sec

Subd. that these notes may be sent to the D.A. for remarks.

Lat
 28620
 RR
 30620

File
 1.7.20
 D.A. 5.0

VE

Shu
 17/7/20

Rep u.o. 985 11/20 2
 1.7.20

Madras, 10th November 1920.

U.O. 69.

To the Secretary to Government, Revenue (Special) Department, U.O.

This file has been lying over with my predecessors pending a reply to certain queries which he addressed to the Principal, Central Training College, Lahore. No reply has been received and I do not consider that further delay is necessary.

As a member of the Committee on Rural Education I may perhaps be permitted to expound their proposals at somewhat greater length. The Committee felt very strongly that one important ^{reason} ~~reason~~ for the present unsatisfactory state of rural education was that the Inspectorate staff of all grades contained very few men who had been educated in the natural sciences, and no men at all who had received any education in that application of the natural sciences to crop production which comprises scientific agriculture. Agriculture is the basic industry in this Presidency and some 70 per cent of the population depend on it for their livelihood. Surely the department which is responsible for the education of this population should ^{contain} ~~comprise~~ a large proportion of men who have been educated in the natural sciences and their application to agriculture. We hope that the rural schools of the future, of all grades, will, in addition to giving the essentials of a literary education, turn out youths who will be better fitted to cope intelligently with their ancestral industry, i.e. agriculture. The first step towards this is to imbue the superior staff of the Educational Department with an agricultural and scientific 'tinge'. Hence the definite proposals of the Committee. These are wide proposals dealing with general future policy and should not be summarily rejected on account of any present difficulties. With regard to

13 → 14

Inspectors, I trust that the Director of Public Instruction will be prepared to reconsider his opinion in the light of what I have written above. I quite agree with him that ^{the} Inspector^{staff} should contain representatives of all branches of knowledge, but I would urge that for an agricultural country the natural sciences and agriculture are the most important of all branches of knowledge. The same applies to Assistant and Sub-Assistant Inspectors. Proposals have already been submitted to Government for the affiliation of the Agricultural College to the Madras University, and the course of studies has been revised so as to admit of the entry of students who have passed the Intermediate examination. Eighteen such students are already at the College and it is hoped that when they have completed their three years course they will be granted a degree. All that the Committee ask is that, in the future, a definite proportion of Assistant and Sub Assistant Inspectors should be recruited from men who have taken either a degree in Agriculture or a degree in Natural Sciences (not Physical Science). It is of course obvious that this proportion may be small at first, but the suggested 25% of each kind should be worked up to as soon as possible.

MC7

No scheme of giving graduates a smattering of agriculture in a short course would be satisfactory. It would dislocate the work of the Agricultural College and depreciate the value of its full course men.

[Signature]
11/11/20
Director of Agriculture.

To
The Secretary to Government,
Revenue (Special) Department, Madras.

NSS

13/11
11/11/20

8/14 Rev (Ed) Dept

Is under Secy.

The Director of Agri. co. note may be forwarded to the Home (Ed) Dept. Only twenty students are admitted to the revised diploma course and the number of successful diplomates that would become available for the Educational Deptt will not be large and the reform advocated by the Committee can only be slowly introduced.

RS
15.11.20

S
11/11/20
16-11-20

I agree with Mr. Stuart & L. that is desirable but when Mr. D.P.S. & doubts as to whether considering the small number of Science graduates & the demand for them in other professions they can be checked in suff. number into the Educational Department.

ES. CN. 3391A
20.21.20

Resp. D. 9854/10-3
19.11.20

Home (Ed) Deptt
17.11



Submitted that the file may be sent to the D.P.S. for further remarks with reference to the note of the D.A. on page 6 of 7 supra.

8/12
1.12.20
MS
2/11/20

8/12/20

An easier method would have been if the DA had talked over the matter with the DPP.

2. Evidently Res Spcl drop the idea of marking down all the inspecting members as natural science graduates.

3. We are now left with the converse proposition - how to impart even a modicum of interest in agriculture & allied subjects in members of the Inspry Staffs. If the Cdr of Agriculture declines to do this, we must adopt other methods or drop the idea
 6/12/20



3391-1
 6.12.20.

5/2/20

U.O. Reply No. 363 of 17.12.20

It seems to me that all that can be done at present is to say that applicants possessing a degree in Natural Science or in Agriculture who are otherwise suitable will be recruited for the inspecting agency whenever they can be secured.

NAA
 17/12/20

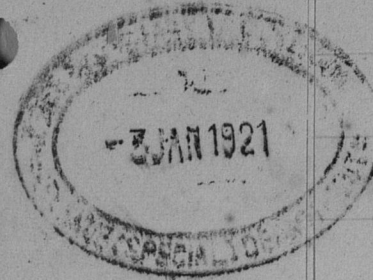


ESN.C. No. 3761A
 18-12-20



MS
 Recd 25/12

3761 A



NO. 3761A-1
21/12/20

33.111
3.1.21

(1)

House (Edon) Dept
Please see para. 20 of your 1302 of 6-11-20.
The D.P. D's views may be

Concurred in. Submitted for orders

Ans.
21/12/20.
MH
21/12/20

That is all we can
do in Edon at present,
on the basis of the Dir of
Agriculture's attitude

25/12/20

Dev (uo)

III.

Development Dept.

Must go to Secy after receiving

2-1-21

in any way revised?
If not still show to S.A. & co
then close his file

4.1.21.

In under way

The Home Dept have to
issue orders on this case. The file may
be sent to and returned to that Dept.

6/21

S/ KUB
5.1.21.

The only point of difference between
The Director of Public Instruction and the Director
of Agriculture is apparently that while the D.A.
thinks that 25 % of the posts in question should be

[Faint handwritten notes on the left page, including "Development no. 33-III/21-1" and "10.1.21"]

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[Handwritten marks: "17", "8", "#"]

be recruited from men who have taken either a Degree in Agriculture or a Degree in Natural Science (not Physical Science,) the D.P.I. thinks it sufficient to advertise ~~just sufficient~~ ^{will} to say that men possessing these degrees ~~would~~ ^{will} be recruited to the posts whenever they can be secured. As neither of the officers seems to think that ~~the necessary~~ ^{enough} applicants can be secured to fill 25% of the posts the difference of opinion seems to be ~~in the negative~~ ^{academic}. It does not matter which form of wording is adopted in the order. I presume the D.P.I. is willing to fill 25% of such posts provided the necessary candidates can be secured. His ~~opinion~~ ^{arrangement} on this point should be quite sufficient.

[Handwritten signature and date: "10.1.21"]

[Handwritten: "Home up"]

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[Handwritten: "10.1.1921", "ESN C-80 134A", "10.1.21"]

[Handwritten: "MB 20/1/21"]

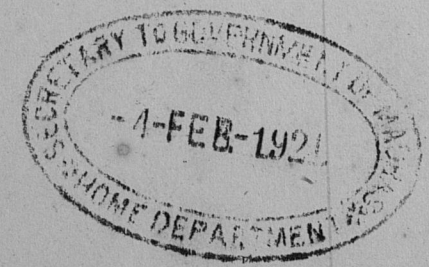
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[Handwritten: "M. Zonglappa", "K. Reddi", "2/2/21"]



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for a period of six months in
 a view to fit them for employment
 in the Inspectorate. They however
 desire that applicants possessing
 a degree in Natural Science or
 in Agriculture who are otherwise
 suitable should be recruited for
 the inspecting agency whenever
 they can be secured.

ms
 20/1/21

A
 21.1.21

Wm
 24/1/21

Decided since that
 this includes a Diploma
 in Agriculture
 college also - Routine
 102.4.21 on C. 1082/A

Received
 5/2/21
 DESPATCH
 8 FEB. 1921
 7/2

to
 the D.O.
 Director of
 Agriculture
 Developing
 Dept

When given for copying
 When copied
 When examined
 When signed

192

READ AGAIN G.O. No.
 192

DATED

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT ... A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILLED UP, BEING MEANT FOR DESPATCH
 IN ORIGINAL.

N.B. -
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 B = Not to be copied.
 P = Copy abstract only.
 Q = Copy heading only.