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G.O., No. 511.

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INDEXED

ORIGINAL

[Despatch Abstract.]

College of Engineering, Madras.

Approving the proposal of the D.P.S. for making certain alterations in the rules of the — relating to the practical course to be undergone by the Military Students of the College, & directing the publication in the Fort St George Gazette of a notice relating to the same.

BACK PAPERS.

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FURTHER PAPERS.

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Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

Enclosures

Regd.

1905.

Spare copies

ORIGINAL

G.O., No. 511, 26th July 1905.

College of Engineering, Madras.

Approving the proposal of the Director of Public Instruction for making certain alterations in the rules of the — relating to the practical course to be undergone by the military students of the college, and directing the publication in the *Fort St. George Gazette* of a notification relating to the same.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

I

Letter—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., Director of Public Instruction, Madras.
To—the Secretary to Government, Educational Department.
Dated—2nd March 1905.
No.—Ref. on Cur. No. 1175.

Under article 55 of the Rules for the College of Engineering two of the military students who pass the final examination are in order of merit annually appointed apprentice overseers and are sent to do a practical course in the Public Works Department; and pending selection in any subsequent year those students who qualify but do not pass sufficiently high for immediate appointment revert to their regiments without taking a practical course. Students who thus revert to their regiments cannot obtain a college certificate unless there occurs a vacancy when one or more may be recalled to undergo the practical course. The Principal represents that, while this is hard on the men who when they leave the army have the chances of their employment marred because they do not possess a certificate from the college, it also results in a waste of time for those who are recalled; and he proposes accordingly that all military students who qualify should take the practical course at once, those who do not get permanent appointments being sent back to their corps and any student likely to be recalled (say within a year) being taken on to the temporary upper subordinate establishment of the Public Works Department until he is absorbed in the permanent establishment. The Chief Engineer to whom these proposals were referred has no objection to all the military students being permitted to take the practical course at once and is prepared to give his favourable consideration, when such cases occur, to the proposal regarding the appointment of such students to the temporary establishment. In these circumstances I have the honour to request the sanction of Government to the substitution of the following for the last sentence in article 55 of the College Rules :—

“Students who qualify but do not pass sufficiently high for immediate appointment shall proceed to take the practical course. On the completion of the practical course they may either be reverted to their regiment pending selection in any subsequent year in which less than the guaranteed number pass the examination or may, with the Chief Engineer's approval, be employed on the temporary subordinate staff pending such selection.”

II

Letter—from the Hon'ble Mr. W. B. DEWINTON, C.I.E., Chief Engineer, Public Works Department.
To—the Director of Public Instruction, Madras.
Dated—9th May 1905.
No.—169-D.

With reference to your letter Ref. on C. No. 1175 of 1905, dated 2nd March last, to the Secretary to Government, Educational Department, I have the honour to enquire whether in any year, and if so, how often, the number of military students passing the final examination of the engineer subordinate class of the College of Engineering has fallen short of the number of guaranteed appointments.

III

Letter—from the Hon'ble Mr. W. B. DEWINTON, C.I.E., Chief Engineer, Public Works Department.
To—the Director of Public Instruction, Madras.
Dated—7th June 1905.
No.—367-D.

I have the honour to invite attention to my letter No. 169-D., dated 9th May 1905, enquiring whether in any year, and if so, how often, the number of military students passing the final examination of the engineer subordinate class of the College of Engineering has fallen short of the number of guaranteed appointments, and to request the favour of an early reply.

IV

Letter—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., Director of Public Instruction, Madras.
To—the Chief Engineer, Public Works Department.
Dated—10th June 1905.
No.—Ref. on Cur. No. 1175.

In reply to your letter No. 169-D., dated 9th May 1905, I have the honour to state that the Principal, College of Engineering, reports that since 1882 the number of military students who passed the final examination of the engineer subordinate class fell short of the number of guaranteed appointments in the years 1899, 1901 and 1902.

V

Letter—from H. D. TAYLOR, Esq., Acting Secretary to Government, Educational Department.
To—the Assistant Adjutant-General, 9th (Secunderabad) Division.
Dated—7th July 1905.
No.—464, Mis.

In the rules of the Madras College of Engineering (copy enclosed) provision exists for the admission of five military students annually. Under rule 55 of these rules two of the military students who pass the final examination are in order of merit annually appointed apprentice overseers and sent to do a practical course in the Public Works Department; the remaining students who qualify but do not pass sufficiently high for immediate appointment revert to their regiments, pending selection in any subsequent year in which less than the guaranteed number pass the examination. Students who thus revert to their regiments, not having undergone a practical course, are not granted a college certificate.

2. It has now been brought to the notice of Government that this rule works hardly on the men who, when they leave the army, have their chances of employment reduced because they do not possess a certificate from the college and that it also results in a waste of time for those who are recalled in a subsequent year to undergo the practical course. It has accordingly been proposed that all military students who qualify should take the practical course at once, those who do not get permanent appointments being either sent back to their corps or at the option of the Public Works authorities taken into the temporary upper subordinate establishment of the Public Works Department to fill such vacancies as may be available. It is accordingly proposed to substitute the following for the last sentence of rule 55 :—

“Students who qualify but do not pass sufficiently high for immediate appointment shall proceed to take the practical course. On the completion of the practical course they may either be reverted to their regiment pending selection in any subsequent year in which less than the guaranteed number pass the examination or may, with the Chief Engineer's approval, be employed on the temporary subordinate staff of the Public Works Department.”

3. I am directed to request that this Government may be informed whether the proposed change in the rules meets with the approval of the Lieutenant-General Commanding the 9th Division.

VI

Letter—from Colonel W. E. G. FORBES, C.B., Assistant Adjutant-General, 9th (Secunderabad) Division.

To—the Secretary to Government, Educational Department.

Dated—Ootacamund, 13th July 1905.

No.—A750-Camp.

With reference to your No. 464, dated 7th July 1905, I have the honour to inform you that the Lieutenant-General Commanding the Division considers the proposed alteration to the rule 55 is a very sound one.

A soldier who takes the trouble to undergo the college course and qualifies but does not get appointed apprentice overseer, under the rules as they stand at present, gains no advantage for his trouble, as he is not granted a college certificate.

A year's apprenticeship would materially add to his value in civil life, and he would further be in possession of the college certificate.

Order—No. 511, Educational, dated 26th July 1905.

The proposal of the Director of Public Instruction is approved.

2. The following notification will be published in the *Fort St. George Gazette* :—

NOTIFICATION.

For the last sentence of rule 55 of the Rules relating to the constitution and working of the College of Engineering, the following shall be substituted :—

"Students who qualify but do not pass sufficiently high for immediate appointment shall proceed to take the practical course. On the completion of the practical course they may either be reverted to their regiment pending selection in any subsequent year in which less than the guaranteed number pass the examination or they may, with the Chief Engineer's approval, be employed on the temporary subordinate staff of the Public Works Department."

(True Extract.)

H. D. TAYLOR,
Ag. Secretary to Government.

To the Director of Public Instruction.
" Public Works Department.
Gazette.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 511, EDUCATIONAL, DATED
26TH JULY 1905.

[SUBJECT.—*Rules of the College of Engineering, Madras.*]

From the Director of Public Instruction, Madras, dated 2nd March 1905,
R.C. No. 1175.

Under rule 51, five military students are admitted to the College annually. Two of these who pass the final examination of the college, are appointed apprentice overseers and are made to undergo a practical course in the Public Works Department, and the remaining students who do not pass sufficiently high for immediate appointment, are made to revert to their regiments pending selection in any subsequent year in which less than the guaranteed number (*viz.*, two) pass the final examination—*vide* rule 55. College certificate is granted only after the completion of the practical course, and this course the students that revert to their regiments, are not at present allowed to undergo. It is now proposed that these students should be allowed to undergo this course and obtain the College certificate before their reversion to their regiments. The possession by these students of the College certificate, it is said, would facilitate their employment on the temporary upper subordinate establishment of the Public Works Department until they are absorbed in the permanent establishment.

It is now proposed to alter rule 55, accordingly, by substituting for the last sentence in the rule, the following :—

"Students who qualify but do not pass sufficiently high for immediate appointment shall proceed to take the practical course. On the completion of the practical course, they may either be reverted to their regiment pending selection in any subsequent year in which less than the guaranteed number pass the examination or may with the Chief Engineer's approval be employed on the temporary subordinate staff pending such selection."

For orders as to whether the proposal may be approved.

K.K.M.—14-3-05.

Please put up the Army Regulations to see whether the proposed alteration would clash with those regulations.

P. T. THARYAN—14-3-05.

Volume II of Army Regulations, India, has been obtained from the Public (Military) Department and is put up. Attention is solicited to paragraph 956 of this volume, relating to the College of Engineering.

K.K.M.—16-3-05.

Please see also G.O., No. 410, Educational, dated 4th July 1904.

The Director's proposal may be approved?

P. T. THARYAN—17-3-05.

Submitted that a reference should be made to the Military. It is one thing to take a man away from his regiment and give him permanent employment; quite another to keep him away by giving him temporary employment in the Public Works Department.

2. They may mean a *nominally* temporary appointment which will *invariably* extend until a permanent vacancy occurs; but if so, this should be clearly stated. Public Works Department may be asked if this is the intention. In that case we can draft the rule so as to make this quite plain. But even then, I am not sure the Military would not think they had a right to be consulted.

A. GALLETTI—20-3-05.

First refer to Public Works Department and ascertain the exact meaning and effect of the proposed rule. Then Military may be asked if any objection exists.

H. D. TAYLOR—27-3-05.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

The paper referred to in the current in which the Chief Engineer has given his consent to the proposals now made must be put up and the file sent to the Chief Assistant.

C. V. GANGADHARA SASTRI—7-4-05.

Submitted

C.N.R.—10-4-05.

Submitted that there is no objection to the acceptance of the rule as drafted by the Director of Public Instruction. The effect will be that the excess men appointed to the temporary establishment will remain on that establishment, should they so elect, until a *Military* vacancy occurs, *i.e.*, until a year in which the number of passes falls short of the number of guaranteed appointments, *viz.*, two Military men are under present rules restricted to two permanent appointments annually, and there seems no intention to increase this number.

R. PARSONS—14-4-05.

We may agree to all the Military students who pass the final examination at the college being allowed to undergo a practical course in the Department so as to enable them to obtain a College certificate, but I strongly object to the further proposal that "any student likely to be recalled (say within a year) being taken on to the temporary upper subordinate establishment of the Public Works Department until he is absorbed in the permanent establishment."

2. I admit I do not understand what is meant by a "student likely to be recalled," but this does not affect my reasons for objecting, which are as follows:—

The proposals for the reorganization of the Engineering College will, if accepted, secure a better class of candidates.

H. D. TAYLOR—21-6-05.

This is not guaranteed. They would have to take what is offered, or revert. They would be employed only in temporary vacancies until brought on to the permanent staff, and Chief Engineer would have full discretion.

H. D. TAYLOR—22-6-05.

If there were no vacancy they would not be entertained.

H. D. TAYLOR.

3. I have been making enquiries, and I find that the occasions are very rare indeed when two soldier students do not qualify for the two appointments reserved for them each year. This means that there is every probability of a Military subordinate,

(a) The quality of the Military students who have been passing into the Public Works Department from the Civil Engineering College of recent years is such as to not to make us want more than we are obliged to accept.

(b) Military subordinates come into the Department as 1st-grade overseers, and so the temporary men would also expect to come in on Rs. 100, which would be very hard on the native members on Rs. 80 and Rs. 60. Besides there might not be a vacancy for them, and to create a vacancy, a Civilian subordinate have to be reverted.

who has been brought on to the temporary list, remaining on that list for a considerable number of years, and when a Military vacancy does occur it is not likely that he would be willing to go right back, and come in again on the permanent list as a 1st grade overseer. I understand that there are almost always more Military students than appointments, and that the results of each year's examinations are known before the practical course of the men in the previous year is completed. All that seems necessary therefore is to allow *all* Military students who qualify to undergo a practical course, and to arrange that this course continues beyond the time when the results of the examinations of the men in the next year are known. If at these examinations two soldier students do not qualify for the two appointments reserved for them, then the vacancy (or vacancies) can be filled up from the qualified men of the previous year who had not obtained appointments.

H. D. TAYLOR—21-6-05.

S. B. MURRAY—30-4-05.

Please ascertain if in any year, and if so, how often, the number of passes has fallen short of the number of guaranteed appointments. If the big irrigation projects are sanctioned, we shall require a large addition to our Upper Subordinate ranks, and may very well take in a leaven of military men, on such terms as we choose to offer.

Quite so.

H. D. TAYLOR.

W. B. DEWINTON—1-5-05.

The number of passes among military students fell short of the number of guaranteed appointments in three years, *viz.*, 1899, 1901 and 1902—since 1882.

C. V. GANGADHARA SASTRI—16-6-05.

I agree to all the military students who pass the final examination of the college in any year, being allowed to undergo their practical course, to enable them to obtain a college certificate.

2. I shall also be prepared to offer those military students, who do not obtain permanent military appointments in the Department, employment in the temporary Upper Subordinate staff, on such terms as may be possible at the time; but I cannot guarantee any such appointments or bind my successors in any way in the matter.

3. I, therefore, agree to the proposed alteration of the rule, except that I would omit the last three words. There can be no possible guarantee that men who are given temporary appointments will ever obtain permanent appointments.

W. B. DEWINTON—19-6-05.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

The proposal to omit the last three words "pending such selection" may be accepted by Educational.

H. D. TAYLOR—21-6-05.

To the Public (Military) Department for remarks.

PUBLIC (MILITARY) DEPARTMENT.

Should the question be referred to the Military? This department has no papers or information that will help. If Educational thinks a reference necessary, it may go from that Department.

A. GALLETTI—22-6-05.

Yes, Educational may make the reference if it thinks necessary. I should not think a reference is necessary, but perhaps it would be safest to make one.

M. HAMMICK—26-6-05.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Please draft reference.

H. D. TAYLOR—27-6-05.

The draft placed below is submitted for approval.

R.N.—28-6-05.

T. KANAKASUNDARAM PILLAI—28-6-05.

A. GALLETTI—29-6-05.

To the Public Works Department for acceptance.

H. D. TAYLOR—30-6-05.

PUBLIC WORKS DEPARTMENT.

Accepted with the amendments shown in margin.

W. B. DEWINTON—3-7-05.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

The draft as revised by the Secretary, Public Works Department, may be approved.

H. D. TAYLOR—4-7-05.

J. T[HOMSON]—5-7-05.

Issue.

H. D. TAYLOR—6-7-05.

[Letter, No. 464, Educational, dated 7th July 1905.]

From the Assistant Adjutant-General, No. A 750, dated 13th July 1905.

The Assistant Adjutant-General, Ninth (Secunderabad) Division, reports that the Lieutenant-General Commanding the Division considers that the proposed change in rule 55 of the rules of the College of Engineering is a sound one. For orders as to whether in the circumstances the Director's proposal, as altered by the Chief Engineer, may be approved and orders issued accordingly.

N.L.R.—15-7-05.

T. KANAKASUNDARAM PILLAI—15-7-05.

A. GALLETTI—17-7-05.

Yes. Please draft.

H. D. TAYLOR—18-7-05.

A draft is placed below for approval. If approved, the Public Works Department may be asked to accept it.

T. KANAKASUNDARAM PILLAI—18-7-05.

P. T. THARYAN—19-7-05.

A. GALLETTI—20-7-05.

H. D. TAYLOR—21-7-05.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

The draft rule, as now amended, has already been approved by the Chief Engineer, and it may be accepted in the Public Works Department. The insertion of the word "they" as shown in pencil in the margin of the draft would make the rule slightly more precise.

R. PARSONS—22-7-05.

S. B. MURRAY—22-7-05.

Accepted.

W. B. DEWINTON—24-7-05.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Issue.

H. D. TAYLOR—25-7-05.

[G.O., No. 511, Educational, dated 26th July 1905.]

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READ ALSO:—

1904-

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1905.

P.S.

The proposal of the D.P.I.
is approved.

2. The following notification will be published in the Fort St. George Gazette: -

Notification.

For the last sentence of rule 55 of
the rules relating to the constitution
and working of the College of Engg.,
the following shall be substituted:-
" Students who qualify but do not
pass sufficiently high for immediate
appointment shall proceed to take
the

the practical course. On the
 completion of the practical course
 they may either be reverted to
 their regiment pending selection
 in any subsequent year in which
 less than the guaranteed number
 pass the examinations or ^{they} may with
 the Chief Engineer's approval be
 employed on the temporary sub-
 ordinate staff of the P.W.D."

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To
 The O.P.I.
 -- P.W.D.
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