

Government of Madras.

EDUCATIONAL DEPARTMENT.

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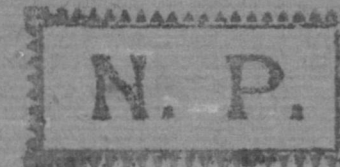
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Enclosures

Spare copies

G.O., No. 601, 20th October 1910.



College of Engineering.

Informing the Government of Ceylon that this Government are willing to admit into the — four Engineer students and three Upper Subordinate students from Ceylon and specifying the educational qualifications for the Upper Subordinate students.

Government of Madras.

EDUCATIONAL DEPARTMENT.

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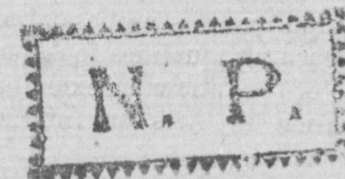
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GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

I

Letter—from H. L. CRAWFORD, Esq., Acting Colonial Secretary, Colombo.
To—the Secretary to the Government of Madras, Educational Department.
Dated—Colombo, the 16th August 1910.
No.—12963.

I am directed by His Excellency the Governor to thank you for your letter No. 294 of the 26th May last on the subject of the award by this Government of scholarships in the Engineer Class at the Madras Engineering College and to state that the draft advertisement (regarding the examination for the award of the scholarships) has been amended as suggested by you.

2. I enclose a copy of the notice as published from which it will be noticed that the number of scholarships in the Engineer Class has been reduced from six to four. I am to explain that the Governor has recently received from the Director of Irrigation a request that certain junior appointments in his department may be recruited from the "Upper Subordinate Class" in the Madras Engineering College and His Excellency desires me to enquire therefore whether the Government of Madras would be willing, instead of admitting six Ceylon students for training in the Engineer Class, to admit only four students for that class but to admit also three students for the "Upper Subordinate Class". His Excellency recognizes that the total number of Ceylon students would thus be one in excess of those which the Government of Madras have kindly consented to admit, but he thinks it possible that the distribution of seven students between two classes may perhaps be more convenient than the admission of six into one class only.

3. Should it be possible to approve this proposal I am to enquire with reference to rule 34 of the College (regarding qualifications for the entrance to the Upper Subordinate Class), whether one of the following examinations would be accepted as equivalent to the First Examination in Arts or Intermediate Examination of the Madras University :—

- (i) The Matriculation Examination of the London University, or
- (ii) The Cambridge University Senior Local Examination, including a pass in not less than five of the sections 2--16. Three of these sections must be—

- (1) English.
- (2) Mathematics.
- (3) Latin, or Chemistry, or Physics or two subjects in Biology and Physical Geography.

It is proposed to award three scholarships for competition among candidates who have passed one or other of these examinations; the College fees of the scholars would then be paid by this Government and they would also receive a subsistence allowance of Rs. 30 per mensem and an annual allowance of Rs. 200 for outfit and travelling.

ENCLOSURE.

[Extract from the "Ceylon Government Gazette" of August 12, 1910.]
Ceylon Government Engineering Scholarships.

An examination will be held by the Ceylon Government in March 1911, for the award of scholarships to be held in the Engineer Class at the Madras Engineering College.

If candidates of sufficient merit present themselves, there will be awarded three scholarships, which will under certain conditions lead to appointment in the Ceylon Public Works Department. Two of these scholars will be trained as Civil Engineers and the third as a Mechanical Engineer.

A fourth scholarship will be awarded if there is a fourth candidate of sufficient merit desiring to be trained as a Civil Engineer for private practice.

The scholarships will entitle the holders to the following allowances for the three years of their course in the Engineer Class :—A subsistence allowance of Rs. 50 per mensem and an outfit and travelling allowance at the rate of Rs. 300 per annum, paid half-yearly. Fees and deposits required for the Engineer Class will be paid by Government. Those who pass the College final examination at the end of the three years' course will receive the same subsistence allowance for an additional year, during which they will be employed on works in India. They will also during this additional year receive the same travelling allowances as are drawn by Indian students under the same circumstances. All allowances will be contingent on the good conduct and satisfactory progress of the student.

2. The three scholars selected with a view to service in the Public Works Department will, if they obtain the B.E. degree and receive a certificate of good conduct and satisfactory progress during the year spent on works, be offered appointments in the Third Grade of District Engineers, and will be eligible, provided their qualifications are sufficient, for appointments to the higher grades upon vacancies occurring. Each of these scholars will be required before appointment to execute a bond of Rs. 1,000 pledging himself to enter Government service in the Public Works Department.

3. The examination will be confined to candidates whose age will be under 22 on June 30, 1911, and who are nominated by His Excellency the Governor. Before receiving such nomination, candidates must have passed one of the following examinations :—

- (a) Intermediate B.Sc. Examination of the University of London.
- (b) The Intermediate Examination in Arts of the University of London, with a pass in one of the Mathematical or Science subjects.
- (c) The B.A. Examination of the University of Madras with Mathematics or Physical Science (II-A).

4. The physical fitness of all the candidates will be tested before they are admitted to the examination.

5. The subjects of examination will be as follows :—

Compulsory.

- (1) Arithmetic.
- (2) Drawing, Freehand and Geometrical.
- (3) English Language and Composition.
- (4) Pure Mathematics.

Optional.

Not more than two of the following :—

- (5) Applied Mathematics.
- (6) Chemistry, Theoretical and Practical.
- (7) Physics, Theoretical and Practical.

The range of work in the Mathematical and Science subjects will be the same as that prescribed in the Intermediate Examination in Arts of the University of London.

6. Applications for His Excellency the Governor's nomination must be submitted to the Director of Public Works not later than November 30, 1910. Each candidate must send in with his application two certificates of character, one of which must be from the Principal of the last school which he attended.

7. Candidates nominated by His Excellency the Governor will be required to pay a medical fee of Rs. 10.50 and an examination fee of Rs. 25.

8. Any further particulars may be obtained from the Director of Public Works.

By His Excellency's command,

Colonial Secretary's Office,
Colombo, August 5, 1910.

H. L. CRAWFORD,
Acting Colonial Secretary.

II

Endorsement No. 1652-1, Educational, dated 25th August 1910.

Referred to the Director of Public Instruction for remarks.

(By Order.)

S. H. SLATER,
Under Secretary to Government.

To the Director of Public Instruction.

III

Letter—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., C.I.E., Director of Public Instruction, Madras.

To—the Secretary to Government, Educational Department.

Dated—the 6th October 1910.

No.—Ref. on Cur. 5768.

In returning the papers referred to me for remarks with endorsement No. 1652-1, Educational, dated 25th August 1910, I have the honour to submit the enclosed copy of a letter from the Principal, College of Engineering, No. 1136-C, dated 21st September 1910, which deals fully with the questions raised by the Colonial Secretary, Ceylon, and to state that I am in agreement with the views expressed therein.

ENCLOSURE.

Letter—from W. H. JAMES, Esq., B.Sc., Principal, College of Engineering, Madras.

To—the Director of Public Instruction, Madras.

Dated—the 21st September 1910.

No.—1136 C.

In reply to your Ref. on Cur. No. 5768/10, dated the 8th September 1910, I have the honour to offer the following remarks :—

(1) It will be more convenient as far as the college is concerned to distribute the students between the two classes in the numbers now proposed.

(2) In regard to the acceptance of the examinations specified as qualifications for entry, I have no desire to offer opposition to what is suggested as I have no knowledge of how matters of this sort are conducted in Ceylon, but from a perusal of the examination syllabuses it would appear possible, under the conditions laid down, for a student to join the college unsuitably prepared for a technical course. A reference to the particulars appended will show that a student can qualify by taking subjects having little direct bearing on science, and although it is of course unlikely that a candidate desirous of entering on technical work would take such a combination I would suggest that candidates who have passed Physics or Chemistry should at least have preference in selection.

The sections specified for London Matriculation and Oxford and Cambridge Local examinations are :—

London Matriculation.
Complete knowledge of five sections—
i. English.
ii. Elementary Mathematics.
iii. Latin or Elementary Mechanics or Elementary Physics or Elementary Chemistry or Elementary Botany.
iv and v. Two of the following not taken above—
Latin, Greek, French, German, Ancient History, Modern History, Physical and General Geography, History and Geography, Logic, Geometrical and Mechanical Drawing, Mathematics (more advanced), Elementary Mechanics, Elementary Chemistry, Elementary Physics (Heat, Light and Sound, Electricity and Magnetism), Elementary Biology (Botany), Elementary Biology (Zoology), Elementary Geology.

Oxford and Cambridge Local.
Sections 2-16—
(2) English Language and Literature.
(3) History and Geography.
(4) Latin.
(5) Greek.
(6) French.
(7) German.
(8) Spanish.
(9) Mathematics.
(10) Chemistry.
(11) Physics { Experimental Mechanics, Heat, Sound and Light, Electricity and Magnetism.
12. Biology { Botany, Zoology ;
and Physical { Physiology and Hygiene ;
Geography. { Physical Geography.
13. Agricultural Science.
14. Book-keeping.
15. Drawing.
16. Music.

Order—No. 601, Educational, dated 20th October 1910.

The Government of Ceylon will be addressed.

[Here enter Letter No. 602, Educational, dated 20th October 1910.]

(True Extract.)

L. M. WYNCH,
Secretary to Government.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

No. 602.

From

THE HON'BLE MR. L. M. WYNCH, C.I.E., I.C.S.,

Secretary to the Government of Madras,

Educational Department,

To

THE HON'BLE THE COLONIAL SECRETARY,

COLOMBO.

Dated Ootacamund, the 20th October 1910.

SIR,

With reference to your letter No. 12963, dated 16th August 1910, on the subject of the admission of Ceylon students into the College of Engineering, Madras, I am directed to inform you that the Governor in Council is willing to admit into the College four engineer students and three upper subordinate students, in lieu of six engineer students as originally arranged. As regards the educational qualifications of students for admission into the upper subordinate class, I am to state that the Government would have no objection to sanction the admission of students who have passed the London Matriculation Examination or the Cambridge Senior Local Examination, but as a student need not take up any subjects having a direct bearing on science in order to pass any of these examinations, I am to suggest that in selecting candidates preference may be given to those who have passed in either Physics or Chemistry.

I have the honour to be,

Sir,

Your most obedient servant,

L. M. WYNCH,
Secretary to Government.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., Nos. 601-602, EDUCATIONAL,
DATED 20TH OCTOBER 1910.

[SUBJECT.—*Admission of Ceylon students into the College of Engineering, Madras.*]

Previous paper.

G.O., Nos. 120-121, Educational, dated 12th March 1910.

From the Government of Ceylon, dated 16th August 1910, No. /12163.

Please see G.O., Nos. 120 and 121, Educational, dated 12th March 1910, on the subject of the admission of Ceylon students into the College of Engineering, Madras. This Government have agreed to admit six students into the Engineer class of the College.

2. The Ceylon Government now enquire whether this Government would be willing, instead of admitting six Ceylon students for training in the Engineer class, to admit only four students for that class but to admit also three students for the Upper Subordinate class. It does not appear that there will be any difficulty in admitting three students for training in the Upper Subordinate class but before a reply is sent to the Ceylon Government, the matter may be referred to the Director of Public Instruction for remarks.

3. The draft below is for approval.

T. KANAKASUNDARAM PILLAI—24-8-10.

Issue.

S. H. SLATER—25-8-10.

[Memorandum No. 1652-1, Educational, dated 25th August 1910.]

*From the Director of Public Instruction, dated 6th October 1910,
R.C. No. 5768.*

The Principal of the College of Engineering (Mr. James) states that it will be more convenient as far as the College is concerned to distribute the students between the Engineer and the Upper Subordinate class, that is, to admit four Engineer students and three Upper Subordinate students, instead of admitting six Engineer students. As regards the Educational qualifications of students for the Upper Subordinate class, the Principal does not oppose the qualifications suggested by the Government of Ceylon, viz., a pass in the Matriculation examination of the London University or the Cambridge Senior Local examination; but as a student can pass these examinations without taking any science subjects, he suggests that, in selecting candidates, preference may be given to those who have taken Physics or Chemistry. The Director of Public Instruction agrees with the Principal.

2. The Government of Ceylon may be informed accordingly. The draft below is for approval.

T.K.—19-10-10.

K. RANGASWAMI AIYANGAR—19-10-10.

M. S. MASCARENHAS—19-10-10.

Approved.

L. M. WYNCH—20-10-10.

[G.O., Nos. 601-602, Educational, dated 20th October 1910.]

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G.No.1652, from the Colonial Secretary, Colombo, No.12963, d/16th August 1910.

G.No.1973, from the D. P. I.

No.5768, d/ 6th October 1910

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ORDER: N^o 601 of 20.10.10
P.S.

The Government of Ceylon

will be addressed.

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from
19.10.10

LETTER: N^o 602 of 20.10.10

To

The Hon'ble the Colonial Secy.
Colombo.

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No.12963, dated 16th August 1910, on
the subject of the admission of Ceylon
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to admit into the College

~~~~~

~~~~~ four Engineer  
students

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T.B.
19.10.10

I have &c.

19.10.10

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L. M. B.
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