

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

Regd.

} 1908.

Enclosures

Spare copies

110
G.O., No. 839, 22nd December 1908.

Engineering Institutions.

Furnishing the Secretary to the Government of the Punjab, Irrigation Branch, with information on certain points regarding the — in this Presidency.

Government of Madras.

EDUCATIONAL DEPARTMENT.

✓

Recd.

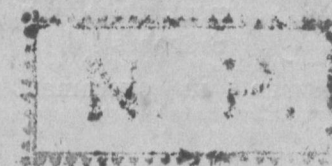
Regd.

1908.

Enclosures

Spare copies

G.O., No. 839, 22nd December 1908.



Engineering Institutions.

Furnishing the Secretary to the Government of the Punjab, Irrigation Branch, with information on certain points regarding the — in this Presidency.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper :—

Letter—from W. B. GORDON, Esq., C.I.E., Officiating Secretary to the Government of the Punjab, Public Works Department (Irrigation Branch).

To—the Secretary to the Government of Madras, Public Works Department.

Dated—Lahore, the 4th November 1908.

No.—3432 E.I.

I am directed to state that the question of founding a training school for Sub-Overseers and perhaps also for Upper Subordinates in this province is under consideration, and to request that, with the permission of His Excellency the Governor in Council, you will be so good as to furnish me, on the earliest possible date, with information on the following points with regard to any Government or State Aided Engineering school in the Madras Presidency :—

- (1) Location of school.
- (2) Number, designation and salaries of staff.
- (3) Number of students—
 - (a) Engineering.
 - (b) Upper Subordinates.
 - (c) Lower „
 - (d) Draftsmen.
- (4) Number of —

(a) Engineers.	}	On sanctioned scale of Public Works Department (total for Irrigation and General Branches).
(b) Upper Subordinates.		
(c) Lower „		
- (5) Number of annual appointments in Government service in above classes guaranteed to students of the school.

Order—No. 839, Educational, dated 22nd December 1908.

The following letter will be addressed to the Government of the Punjab.

[Here enter letter No. 840, Educational, dated 22nd December 1908.]

(True Extract.)

H. D. TAYLOR,
Secretary to Government.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

No. 840.

From

H. D. TAYLOR, Esq., I.C.S.,

Secretary to the Government of Madras,

Educational Department,

To

THE SECRETARY TO THE GOVERNMENT OF THE PUNJAB,
PUBLIC WORKS DEPARTMENT (IRRIGATION BRANCH).

Dated Fort St. George, the 22nd December 1908.

SIR,

I am directed to reply to your letter No. 3432 E.I., dated 4th November 1908, in which you request to be furnished with information on certain points with regard to the Engineering institutions in this Presidency.

2. The College of Engineering, Madras, is the only institution in this Presidency which provides courses of training for the profession of Engineer. It is a Government institution and is at present situated in the Presidency town, but in view of the impossibility of extending the buildings on the present site so as to provide more laboratory and residential accommodation it is in contemplation to remove the college to a more suitable site on the outskirts of the City.

3. *Staff of the College.*—The teaching staff of the College now consists of a Principal, two Professors of Engineering, one Professor of Mathematics, four Instructors and eight Assistant Instructors. The designation and pay of each member of the staff are given below :—

Designation.	Pay. RS.	
1 Principal	1,000—50 —1,250	
1 Professor of Civil Engineering ..	500—50 —1,000	} Indian Educa- tional Service.
1 Professor of Mechanical Engineering.	500—50 —1,000	
1 Professor of Mathematics		
1 Instructor in Engineering	200 to 700	} Provincial Educa- tional Service.
1 Do. Surveying and Drawing..		
1 Mechanical Instructor	450	
1 Workshop do.	200	
1 Assistant do.	150—5 —200	
2 Assistant Instructors	100—5 —150	each.
3 Do.	75—2½—100	„
2 Do.	60—2 —80	„
1 Gymnastic Instructor	20—2 —40	

4. *Strength of the College.*—There are three classes in the College, namely, the

Engineer class	54	Engineer class, the Upper Subordinate
Upper Subordinate class	94	class and the Lower Subordinate class.
Lower do.	167	The strength of these classes on the 31st
Total	315	December 1907 was 315, as shown in the
		margin. In addition to these, 42 students
		were undergoing a practical course after
		completing their course of studies in the

College. The Engineer class has two branches—Civil and Mechanical. The number of students to be admitted annually is limited by rule to 20 for the Engineer class, 30 for the Upper Subordinate class, and 60 for the Lower Subordinate class.

5. *Number of appointments in the Public Works Department.*—As regards the total number of appointments in the Public Works Department (General and Irrigation Branches), I am to state that the sanctioned scale of establishment consists of 92 Engineers (Imperial and Provincial), 369 Upper Subordinates (184 permanent and 185 temporary for 1908–09) and 208 Lower Subordinates. Apart from this a large number of past pupils of the College find employment under Local Boards in the capacity of Assistant Engineers, Overseers and Sub-Overseers. For posts in each of these classes specific qualifications have been prescribed by Government.

6. *Number of appointments guaranteed to students of the College.*—One appointment annually as Apprentice Engineer in the Public Works Department is guaranteed to the student of the Engineer class considered most suitable on the results of the final examination and on the promise shown by him during the College course. One appointment annually as Overseer, third grade, in the permanent Upper Subordinate establishment of the Public Works Department is conferred on the Civilian student of the Upper Subordinate class who passes highest at the final examination, provided that he satisfactorily completes his practical course and that a vacancy exists for such appointment. The Military students of the Upper Subordinate class are appointed to the permanent Upper Subordinate establishment as Overseers, first grade. Two such appointments are ordinarily made in each year and are made in order of merit determined by the College final examination and with reference to the requirements of the Public Works Department. No appointments are guaranteed to the students of the Lower Subordinate class.

7. I am also to forward, for the information of His Honour the Lieutenant-Governor, a copy of the rules sanctioned by this Government relating to the constitution of the College of Engineering and a copy of the College calendar for 1908–1909, which furnishes full information regarding the College.

I have the honour to be,

Sir,

Your most obedient servant,

H. D. TAYLOR,
Secretary to Government.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., Nos. 839, 840, EDUCATIONAL,
DATED 22ND DECEMBER 1908.

[SUBJECT.—*Information required by the Government of the Punjab with regard to the College of Engineering, Madras.*]

From the Secretary to Government, Punjab, Public Works Department (Irrigation), dated 4th November 1908, No. 3432-E.I.

PUBLIC WORKS DEPARTMENT.

The Educational department may be asked to accept transfer of the paper.

R. PARSONS—11-11-08.

P. HAWKINS—11-11-08.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Yes. If Public Works department will furnish the statistics required on points 4 and 5.

H. D. TAYLOR—12-11-08.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

Memorandum of information asked for in letter No. 3432-E.I., dated 4th November 1908, from Punjab Government, items 4 and 5.

4. (a) Ninety-two (Imperial and Provincial).

(b) One hundred and eighty-four permanent and one hundred and eight-five temporary, for 1908–1909.

(c) Two hundred and eight.

5. *Engineers.*—One appointment as apprentice Engineer, Provincial service, annually, *vide* rule 74 of the revised rules of the College of Engineering and paragraph 150 of the Public Works Department Code, volume I, 9th edition. One appointment as Assistant Engineer, Provincial service, every alternate year, from the Upper Subordinate establishment—*vide* paragraph 149, Public Works Department Code, volume I.

4. *Strength of the College.*—There are three classes in the College, namely, the

Engineer class	54	Engineer class, the Upper Subordinate
Upper Subordinate class	94	class and the Lower Subordinate class.
Lower do.	167	The strength of these classes on the 31st
		December 1907 was 315, as shown in the
Total	315	margin. In addition to these, 42 students
		were undergoing a practical course after
		completing their course of studies in the

College. The Engineer class has two branches—Civil and Mechanical. The number of students to be admitted annually is limited by rule to 20 for the Engineer class, 30 for the Upper Subordinate class, and 60 for the Lower Subordinate class.

5. *Number of appointments in the Public Works Department.*—As regards the total number of appointments in the Public Works Department (General and Irrigation Branches), I am to state that the sanctioned scale of establishment consists of 92 Engineers (Imperial and Provincial), 369 Upper Subordinates (184 permanent and 185 temporary for 1908–09) and 208 Lower Subordinates. Apart from this a large number of past pupils of the College find employment under Local Boards in the capacity of Assistant Engineers, Overseers and Sub-Overseers. For posts in each of these classes specific qualifications have been prescribed by Government.

6. *Number of appointments guaranteed to students of the College.*—One appointment annually as Apprentice Engineer in the Public Works Department is guaranteed to the student of the Engineer class considered most suitable on the results of the final examination and on the promise shown by him during the College course. One appointment annually as Overseer, third grade, in the permanent Upper Subordinate establishment of the Public Works Department is conferred on the Civilian student of the Upper Subordinate class who passes highest at the final examination, provided that he satisfactorily completes his practical course and that a vacancy exists for such appointment. The Military students of the Upper Subordinate class are appointed to the permanent Upper Subordinate establishment as Overseers, first grade. Two such appointments are ordinarily made in each year and are made in order of merit determined by the College final examination and with reference to the requirements of the Public Works Department. No appointments are guaranteed to the students of the Lower Subordinate class.

7. I am also to forward, for the information of His Honour the Lieutenant-Governor, a copy of the rules sanctioned by this Government relating to the constitution of the College of Engineering and a copy of the College calendar for 1908–1909, which furnishes full information regarding the College.

I have the honour to be,

Sir,

Your most obedient servant,

H. D. TAYLOR,

Secretary to Government.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., Nos. 839, 840, EDUCATIONAL,
DATED 22ND DECEMBER 1908.

[SUBJECT.—*Information required by the Government of the Punjab with regard to the College of Engineering, Madras.*]

From the Secretary to Government, Punjab, Public Works Department (Irrigation), dated 4th November 1908, No. 3432-E.I.

PUBLIC WORKS DEPARTMENT.

The Educational department may be asked to accept transfer of the paper.

R. PARSONS—11-11-08.

P. HAWKINS—11-11-08.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Yes. If Public Works department will furnish the statistics required on points 4 and 5.

H. D. TAYLOR—12-11-08.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

Memorandum of information asked for in letter No. 3432-E.I., dated 4th November 1908, from Punjab Government, items 4 and 5.

4. (a) Ninety-two (Imperial and Provincial).

(b) One hundred and eighty-four permanent and one hundred and eight-five temporary, for 1908–1909.

(c) Two hundred and eight.

5. *Engineers.*—One appointment as apprentice Engineer, Provincial service, annually, *vide* rule 74 of the revised rules of the College of Engineering and paragraph 150 of the Public Works Department Code, volume I, 9th edition. One appointment as Assistant Engineer, Provincial service, every alternate year, from the Upper Subordinate establishment—*vide* paragraph 149, Public Works Department Code, volume I.

Upper Subordinates.—Appointments as Overseer, 1st grade, permanent, to Military students to the extent of the requirements of the Public Works Department—*vide* rule 47 of the revised rules of the College of Engineering. This will ordinarily be two in number.

One appointment as Overseer, 3rd grade, permanent, to the civilian student who passes highest at the final examination, provided he has satisfactorily completed his practical course and provided a vacancy exists for such appointment—*vide* rule 75 of the revised rules of the College of Engineering.

Lower Subordinates.—No appointments are guaranteed.

T.S.R.—14-11-08.

R. PARSONS—16-11-08.

Transferred with memorandum giving the requisite information.

R. PARSONS—16-11-08.

P. HAWKINS—23-11-08.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

A draft letter is submitted for approval, giving the information required by the Government of the Punjab regarding the College of Engineering, Madras.

T.K.—17-12-08.

K. RANGASWAMI AYYANGAR—19-12-08.

The draft seems all that is needed.

C. A. SOUTER—21-12-08.

Approved. Issue. I have made a slight addition as to posts in Local Fund department.

H. D. TAYLOR—22-12-08.

[G.O., Nos. 839, 840, Educational, dated 22nd December 1908.]

CURRENT No.

10243

ENCLOSURES.

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Others No.

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Registered 190 8.

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Total

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" " Record Superintendent.

" " Drafting Officer ...

Subject.

Requesting information on certain points with regard to any Govt or State Aided Engineering School in the Madras Presidency.

No. 3432.E.F.

Station Lahore, Dated the 4. 11 1908.

From (Name) Secretary to Govt. P.W.D. Punjab Branch

(Designation) Punjab

To The Chief Engineer to the Government of Madras,
The Secretary
Public Works Department.

Sir,

Educational Department.

C.No. 2525, From the D.P. ~~W~~, No. 2836, dated 25th November 1908.O R D E R.
P. S.

No. 839, dated 22-12-1908

The following letter will be
addressed to the Government of the
Punjab.

To, *Chd*
nr 8
No. 840 of 22-12-08.

The Secretary to the

Government of the Punjab,

P.W.D. Irrigation Branch.

(with copy of rules as revised up to date &
a copy of the Coll. Calendar)

Sir,

I am directed to reply to
your letter No. 3432, E.I., dated 4th
November 1908, ^{in which you} requesting to be fur-
nished with information on certain
points with regard to the Engineering
institutions in this Presidency.
1. ~~Location of~~
2. The College of Engineering,
Madras, is the only institution in this
Presidency which provides courses of
training for the profession of Engineer.
It is a Government institution and is
at present situated in the presidency
town but in view of the impossibility
of extending the buildings on the
present site so as to provide more
laboratory and residential accommoda-
tion it is in contemplation to remove
the

Para 54 of the Public Ins. Report
for 1906-07. Vol I. page 18

I
Cp. para. 2 of G.O. 657 of 10.10.06.

3P 4

the college to a more suitable site on the outskirts of the city.

3. STAFF OF THE COLLEGE. The teaching staff of the college now consists of a Principal, two Professors of Engineering, ^{one Professor of Mathematics,} four Instructors and eight assistant Instructors. The designation and pay of each member of the staff are given below:-

Vide prof. Staff on pages 7 & 8 of G.O. no. 492 Edd. 1-8-07. G.

No.	Designation.	P. A. Y.
1.	Principal	Rs 1,000-50-1,250
1.	Professor of Civil Engineering.	Rs 500-50-1,000) Indian Educational Service.
1.	Professor of Mechanical Engineering.	Rs 500-50-1,000)
1.	Professor of Mathematics.	Rs 200 to 700 { Provincial Educational Service.
1.	Instructor in Engineering.	
1.	Instructor in Surveying & Drawing.	
1.	Mechanical Instructor	Rs 450.
1.	Workshop Instructor	Rs 200.
1.	Assistant Instructor	Rs 150-5-200.
2	Assistant Instructors	Rs 100-5-150. each
3.	-do- -do-	Rs 75-2½-100. do
2.	-do- -do-	Rs 60-2-80. do
1.	Gymnastic Instructor	Rs 20-2-40.

4. STRENGTH OF THE COLLEGE.

There are three classes in the College, namely, ^{class} the Engineer, ^{class} Upper Subordinate Class and ^{class} the Lower Subordinate. The strength of these classes on the 31st December 1907 was 315 as shown in the margin.

Engineer class	54
Upper Subordinate class	94
Lower Subordinate class.	167
	<u>315</u>

Para 3 of the College report on page 3 of G.O. no. 417 Edd. 29-5-08. E.

This

In addition to these, 42 students were ~~this figure includes the students~~ ^a undergoing practical course, ^{after completing} of whom ^{their course studies in the College.} there were 42. The Engineer class has two branches - Civil and Mechanical. The number of students to be admitted annually is limited by rule to 20 for the Engineer class, 30 for the Upper subordinate class, and 60 for the Lower Subordinate class.

5. NUMBER OF APPOINTMENTS IN THE PUBLIC WORKS DEPARTMENT. As regards the total number of appointments in the Public Works Department (General and Irrigation) ^(Branches) I am to state that the sanctioned scale of Establishment consists of 92 Engineers - Imperial and Provincial, 369 Upper Subordinates (184 Permanent & 185 temporary for 1908-09) and 208 Lower Subordinates.

6. NUMBER OF APPOINTMENTS GUARANTEED TO STUDENTS OF THE COLLEGE. One appointment annually as apprentice Engineer in the Public Works Department is guaranteed to the student of the Engineer class considered most suitable on the results of the final Examination and on the promise shown by him during the College course. One appointment annually as Overseer, third grade, in the

Rule 26 on page 10 of G.O.
no 159 Edt. of 20-3-07. H

Para 1 of the P.W.D. note
on page 2 of notes file.

Apart from this a large number of posts in the College find employment under Local Boards in the capacity of Assistant Engineers, Overseers and Sub Overseers. In posts in each of these classes ^{separately} have been provided for. Rule 74 as revised on page 7 of G.O. no 711 Edt. 13-10-08 A

4.

5P 9

Rule 75 on page 15
of G.O. no 1594 d. 20-3-07 H

Rule 47 on page 12
of G.O. no 1594 d. 20-3-07 H

P.W.D. note on
page 2 of notes file

X copy of the rules as
revised up to date
will be sent.

the permanent Upper Subordinate Estab-
lishment of the Public Works Depart-
ment is conferred on the civilian
student of the Upper Subordinate class
who passes highest at the final exami-
nation, provided that he satisfactorily
completes his practical course and that
a vacancy exists for such appoint-
ment. The Military students of the
Upper Subordinate class are appointed
to the permanent Upper Subordinate
Establishment as Overseers, first
grade. Two such appointments are
ordinarily made in each year and are
made in order of merit determined
by the college final examination and
with reference to the requirements of
the Public Works Department. No appoint-
ments are guaranteed to the students
of the Lower Subordinate class.

7. I am also to forward for the
information of H. H. the Lieutenant
Governor a copy of the rules sanctioned
by this Government relating to the
constitution and working of the College
of Engineering and a copy of the College
calendar for 1908-1909, which furnishes
full information regarding the
~~constitution and working of~~
the College.

AD
18.12.08

Chf. Sec.
18.12.08

PRESS SLIP.

ORDINARY.

PREFERENCE.

URGENT (a).

EDUCATIONAL
LEGISLATIVE DEPARTMENT.

Current No., dated 190 ..

G.O., No. 39494, dated 22-12-1908.

Number of MS. pages sent { Correspondence including order or orders
(b)
(b¹)
Notes.....

Docket.....

For the Govt. of the Punjab, Mr. Meenak, be furnished with information on certain points re: the ...

Number (c) of copies required when struck off (not including copies for volumes and editors' table which are retained in the Press).

Complete Correspondence and orders.

Notes

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The.....
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Total

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(a) If a paper is marked to be printed urgently, the Superintendent of the section concerned should sign the Press slip. The Superintendent should exercise a careful discretion in the matter.

(b) Each letter, memorandum, or order, or set of orders, in the file of correspondence should be headed in succession with the Roman numeral I, II, III, etc., the number being written in red ink or blue chalk above the item. The particular papers to be printed in the special issue-copies should be indicated by the Roman numeral (I, II, etc.) by which that item has been headed in the correspondence file. All matter, including marginal remarks or references, to be printed should be written in ink and matter which should not be printed should be encircled. Initials and signatures that are not quite legible should be re-written distinctly.

(b¹) For rules regarding printing of notes, see the rules in G.O., No. 1220, Public, dated 30th November 1900.

(c) The number of copies and the details of distribution should be filled in by the Superintendent or Referencer concerned.

(d) In the absence of special instructions to the Press to keep matter standing for a specified period, ordinary papers of 8 pages and under will be kept standing for one week, and larger papers for two weeks only. The type of notes and of all confidential papers is distributed immediately after striking.

(e) This slip, properly and completely filled in, should accompany every paper sent to Press; it will be returned by the Press when proofs are furnished; it should be sent to the Press when a call is made for revised proofs or when a corrected proof is sent for striking. When finally returned by Press it should be filed with the original order or letter.

INSTRUCTIONS FOR THE PRESS.

(a) If, in the opinion of the Superintendent of the Press, a paper has been marked urgent unnecessarily, he should send the Press slip to the Deputy Registrar with a remark to that effect.

(b) Unless a note to the contrary is made against the matter, pencil entries should not be printed. The Superintendent of the Press may bring to the notice of the Deputy Registrar any instance of incomplete or careless editing.

(c) Signature copies of letters to the Secretary of State or to the Government of India should be printed on hand-made paper.

(d) This slip should be returned by the Press to the Secretariat when proofs are furnished; it will be sent back to the Press when proofs are returned corrected and should be finally returned to the Secretariat when struck-off copies are supplied.

(e) The names of the Secretary and Members should be printed in full when they occur on the right hand side, but only the first time when they appear on the left side, the initials alone being printed later.

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† Copies distributed on.....*(Despatcher.)

* To be initialed and dated.

TO PRESS, MADRAS.
OOTY.

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B

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C

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at once.

Type may be released after usual interval.

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.....Clerk.

.....Clerk.

.....Supdt.

.....Supdt.

.....Supdt.

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Call for revised proof received on.....	
Revised proof furnished on.....	
Corrected proof received for striking on.....	12/1/09. <i>SP</i>
Final copies supplied on.....	19/1/09. <i>SP</i>

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