

Educational (1895) Department.

ORDINARY - MS.

G.O., No. 564

Dated 6<sup>th</sup> July 1895

INDEXED.

72m  
1222

[Despatch Abstract.]

ENGINEER STUDENTS.

Agreeing with the Chief Engineer in considering that the "practical course" undergone by --, corresponds with the period of probationary apprenticeship required by the rules of the Government of India; cancelling G.O., dated 10th November 1892, No. 800, Educational; and directing that -- be brought on to the permanent establishment of the Public Works Department <sup>at</sup> the close of the two years' practical course.

# BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|------|-----|-------------|-------|
|      |     |             |       |      |     |             |       |

# FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|------|-----|-------------|-------|
|      |     |             |       |      |     |             |       |

No. 321 D

Current N<sup>o</sup> 682

Government of Madras.

## PUBLIC WORKS DEPARTMENT.

### MEMORANDUM

*Memorandum*  
Dated Madras, 7<sup>th</sup> June 1895.

Proceeding of Government, Engineering  
Department, N<sup>o</sup> 211 dated 16<sup>th</sup> May 1895.

Note by the Chief Engineer S. D. Department  
dated 5<sup>th</sup> June 1895.

N<sup>o</sup> 320 D 7<sup>th</sup> June 1895  
Under the rules of the Madras College  
of Engineering, an Engineer student  
undergoes a three years theoretical course  
of study, and two years practical course, of  
which the first year is spent in Workshops  
and the second on Works. Under the rules of  
the Government of India Code recruits  
from the Indian Colleges are, after taking  
their practical course, appointed to the  
Department as apprentices or probationers  
for a period which may extend to three years  
in all. The Chief Engineer is of opinion  
that the practical course of Madras and  
the apprenticeship of the Government of  
India are really one and the same thing.

under different names, and that there is no objection, so far as the Government of India rules are concerned, to bringing an Engineer student on the permanent establishment of the Department after the two years practical course prescribed by the Madras rules.

2. In his letter N-221 C dated 22<sup>nd</sup> January 1895 to the Director of Public Instruction, the Chief Engineer recommended that the practical course in the case of both Civil and Military Engineer Subordinate students should be reduced from two years to one year; and he considers that the same ruling should be made applicable to Engineer students also. This year of practical study should be called the year of apprenticeship. The effect would be that the men would be permanently posted to the Public Works Department, if favorably reported on, in four years after entering the College instead of five as at present.

3. In this connection the Chief Engineer desires to draw special attention to the last part of para 6 of his letter to the Director of Public Instruction quoted above, which is as follows:— "I have very little faith in the value of so called practical work which is not accompanied by responsibility."

and consider that when once a man has completed the course of theoretical study which is all a College can give him, the sooner he is put upon really practical (i.e. responsible) work the better."

(S.) John Pennington, Colonel R.E.,  
Chief Engineer S.W. Dept.

Optesimunda,  
5<sup>th</sup> June 1895

Transferred to the —  
Educational Department.

John Pennington, —  
Colonel R.E.,

Secretary to Government S.W. Dept.

To the Educational Dept.

Encl.  
Current No. 682

From

P. W. D.

No 3218

Dated 7 June 195

Recd 10 June 195

Subject

Transf. note by the chief engt.  
containing suggestions re. the  
"practical course" of the Engineer  
Students of the Madras College  
of Engineering.

411-16-5-95

443-16-5-95

800-10-11-92

652-5-9-92

FOR ORDERS

Art. V, College of Eng<sup>g</sup> Madras.

I agree with the C.E. in  
holding that the practical  
course at the D.S. & the  
apprenticeship of the S.E.  
are now to be taken by

2/6

17/95

Col. DEPARTMENT

C. No. 682 of 95.

The Engineer Course in Madras  
is divided into two Courses - The  
theoretical & the practical, the  
former extending over three years  
& the latter two. During the first  
year of the practical course,  
the Engineer students are attached  
to the P. W. Workshop, & during the  
second year, the Civil Engineer  
students are placed under  
the P. W. & stationed at places  
where large works are in progress  
while the Mechanical Engineer  
students continue in the Workshop.  
Under Regulation IV of the  
Govt of India, read in S.O. 131  
No. 16275-9-92, recruits for the  
Provincial Service of the P. W. D.  
from the Indian Colleges should be  
appointed as apprentices on Rs.  
100 a month as probation, and

they have proved their thorough fitness for service, when they shall be promoted to Second Grade Assistant Engineer on Rs 250. The Director raised the question whether the appointment as Apprentice on Rs 100 per month should be made at the commencement of the second year of the practical course or at its close, and it was decided in G.O. No. 800 D. of 10.11.92 that the appointment should be made at the close, (A) after the completion of the practical course.

Major Lane in his report on the working of the College of Engineering for 1892 ~~referred~~ recommended that this rule providing for the apprenticeship of the Engineer Students should be made inapplicable to Madras, and the B.P.D. was required to consider the matter & report his views.

Accordingly, Mr. Duncan, in his letter No. 8727 of 27 March 95 (para 2), referring to this matter says that, under the old rules of the College, the

# FOR ORDERS

para 20 of his letter in S.O. 4430  
16 June 94

Para 2 of G.O. 4430  
16 June 94

(under clause of G.O. 4430  
16 June 94)

the guaranteed appt of Assistant Engineer on Rs 250 was conferred on a student on the completion of the theoretical course of two years, but, since the reorganizing, the ~~guaranteed~~ guaranteed appointment has been conferred at the termination of the practical course i.e. five years after the date of admission of the student into the College. Mr. Lane considers that the new ruling that the Assistant Engineer'ship on Rs 250 should not be conferred until after a year's apprenticeship in the P.W.D., (A), in the case of Madras College, until after the lapse of six years from the date of his admission into the College, is a very great hardship & that the Madras College deserves special treatment in that its College course (theoretical & practical) is much longer & more elaborate. Mr. Duncan accordingly recommended that it should be decided in S.O. No. 800 D. of 10.11.92 that the apprenticeship should date only from

Completion of the two years' practical Course should be reconsidered, or (ii) that the apprentice Engineer in Madras should be paid an initial salary of Rs 250 per annum as before. Dr Duncan's recommendations were referred to the P.W.B. The Chief Engineer is of opinion that the 'practical Course' of Madras & the 'Apprenticeship' of the Govt of India are really one & the same thing under different names. In fact there is no objection, as far as the Govt of India Rules are concerned, to bringing an Engineer student on the permanent establishment of the Department after the two years' practical Course provided being the Madras Rules. He says as I have very little faith in the Course of so-called 'practical' work which is not accompanied by responsibility, and considers that, when once a man has completed the Course of theoretical study which is all a College can give him, the

S.O. no. 44 D.  
14.5.95  
Current 682/95

the sooner he is put upon really practical (as responsible) work the better." & ~~some~~ recommends that the practical Course may well be reduced to one year, this year of practical study being called the year of Apprenticeship.

In the note at the foot of S.O. no. 44 of 14.5.95, it is stated that the question of abolishing the guaranteed appointment system in Madras has been referred to the Govt of India in the P.W.B., but the P.W.B. in Current no. 682/95, now under reference, says nothing on the subject.

\* para 11 of letter. S.O. no. 1595 March 1895 No 506 & (ptd) shows that it is proposed to abolish the guaranteed appointment of test Eng. in 1897. - The Govt of India has not replied to the proposal. - If the rules are changed as the Chief Engineer suggests the change will have effect only on those now - except those who are already appointed "inferior" will only have to complete a period of 5 years.

25/4/95

Again G.O., dated 14 Nov 1892, No. 500 Vol  
Again G.O., dated 14 May 1893, No. 411 Vol.  
Current No. 682 of 1895, dated 7 June from the P. & O.

ORDER d/6<sup>th</sup> July 1895 N° 564

The Govt. agrees with the Chief Engineer in considering that the 'practical course' undergone by students of the College of Engineering, Bombay, corresponds with the period of probationary apprenticeship required by the rules of the Govt. of India.

to be of no avail  
Res. of 10 Nov: 1892 No 2nd  
will accordingly be cancelled, Legman  
students being <sup>in</sup> fact brought  
into the permanent establishment  
of the R.W.A. at the close of the two  
years practical course.

Hon<sup>d</sup>. Wm. B. Blount  
H. C. S. S. Co.

(For orders)

Marked for a second Pa. Master  
 as H.A. Davis & cancel 80.  
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DATE: 10/10/2003

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A. no change in risk  
 B. no risk to be expected  
 C. no change in overall risk  
 D. no change in overall risk

1070 05  
24-8-10 ✓

26-8-93/RH/S-1  
30-11-93/8/15

[Ref.]  
11,000-24-2-40

DEPARTMENT.

Paper taken out of the Records from the charge of the Referencer.

No. 560, dated 6-7-1895

| Date taken out.       | For what purpose. |        |       | Initials of clerk taking the paper or of attendant. | Date returned. | Initials of attendant. |
|-----------------------|-------------------|--------|-------|-----------------------------------------------------|----------------|------------------------|
|                       | Department.       | C. No. | Year. |                                                     |                |                        |
| 17/6/85               | Ill. 500          | 560/05 |       |                                                     | 11-05-85       |                        |
| 24/8/90               | Ill. 1560/10      |        |       |                                                     | 19-12-11       |                        |
| 26-3-93/RH/1485/RH/93 |                   |        |       |                                                     |                |                        |
| 31-5-93/2001/43/93    |                   |        |       |                                                     |                |                        |

