(1) பக்கங்களின் எண்ணிக்கை 12

(2) புதுக்கித் திருப்பிய நாள் 6/92

(3) ஆதாரங் குறிப்பவர் சுருக்கொப்பம்

# தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

துறை

| அரசாணை எண். | அச்சகம் |
|---|---|
| மு. கோப்புத் தாள் எண். 1-89 | பலவகை |
| 1892 | |
| நாள் 18.7.1990 | 199 |

மடிக்கவோ கண்டபடி கையாளவோ கூடாது.

ஆவண. கா. 1—18,006—6-9-90.

1/1892

From the President of the Board of Examiners, College of Engineering, Madras, dated 17th January 1890, to the Director of Public Instruction, Madras.

I have the honor to forward my report on the results of the examinations conducted by the Board during December 1889.

2. The Board was composed as follows:-

Captain W.E. Baddeley R.E. President
Mr. G.W. Stuart M.A.
" E.W. Stoney M.E. M.Inst.C.E. } Members
" W.N. Pogson M.A.
Mr. Van Geyzel } Assistant Examiners
Mr. A. Vijiaranga Mudaliar }

3. The examinations may be grouped under three main heads.

(a) Final examination of college students.

(b) Final examination of independent candidates for the certificates described in clauses b & c of article VII of the College rules.

(c)

(c) Term examinations of College students.

4. The classes forming the groups, the number of students in each, with details of the results in the case of final examinations, are given below.

Group (a)

| | No. registered for examination | Passed | Failed |
|---|---|---|---|
| 1 Engineer class 1st Division | 9 | 7 | 1 2 |
| 2 Engineer subordinate class 1st " | 9 | 1 1 2 | 7 |
| 3 Draftsman class 1st Division | 5 | 5 | 1 2 |
| 4 Surveyor class 1st Division | 3 | 1 1 2 | 1 |

Group (b)

| | No. registered for examination | Passed | Failed |
|---|---|---|---|
| 1 Independent candidates for Engineer's certificates | 3 | 1 | 2 |
| 2 Independent candidates for Engineer subordinate certificates | 3 | 1 | 2 |
| 3 Independent candidates for Draftsman's certificates | 12 | 5 | 7 |
| 4 Independent candidates for Surveyor's certificates | 1* | 1 | 0 |

* one candidate was absent from nearly all the examinations.

1892
2

* One candidate was absent from all the examinations.

Group (c)

(1) Engineer class 2nd Division, second year examination

(2) Engineer class 3rd Division, first year examination

(3) Engineer Subordinate class, 2 Division, examination of third half-year

(4) Engineer Subordinate class, 3rd Division, examination of first half-year

(5) Draftsman class, 2nd Division, first year examination

(6) Surveyor class, 2nd Division, first year examination.

5. In group (a) the results show an improvement upon those of last year, except in the Engineer Subordinate class, in which the majority of the students are far below the standard required for certificates. The results of the examinations of this class lead me to believe that most of the men forming it, were wanting in general education, and ability, on entering the college,

college, and consequently were unable to do justice to the instructions given to them.

To sum up the results of the final examinations of the College students, I consider that the Engineer, Draftsman and Surveyor classes are satisfactory, for it must be remembered that practically there is no competition in the entrance examinations of the Colleges, and consequently it devolves on the Board to reject, at the final examination, some men who would probably never have gained a place in the college, by competition. In making these remarks I do not advocate any change in the rules, for no alteration in these can produce the required result, which in my opinion will be brought about by natural causes in a few years, as the value of the college training gradually becomes more widely appreciated.

As regards group (b) this being the first year in which independent candidates



candidates have appeared for Engineer and Engineer subordinate certificates under the new rules, I can only remark that the results are fairly satisfactory, so far as these classes are concerned, while in the case of Draftsmen and Surveyors, there is a decided improvement, and the general conclusion to be drawn is that it is advisable to continue the system of granting independent certificates, without making any change in the existing rules.

7 The term examinations indicate that the students now in the college are as a body more capable than those who have just completed their theoretical course, the improvement being very marked in the Engineer Subordinate class 2nd division. As the term marks will be modified by the results of succeeding examinations it will be useless to attempt any analysis of them and I can merely state

state that the term examinations give promise of better results at the final examination of this year than have hitherto been obtained.

8. After inspecting the drawings surveys field and note books relating to work in the college during the past year, I think it would be advisable to allot a higher proportion of the total marks for such work, and doubtless the matter will be brought forward by the Principal of the college.

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From the Principal College of Engineering Madras, dated 24th February 1890 to the Director of Public Instruction, Madras.

With reference to the Report of the Board of Examiners, forwarded with your No 836 dated 28th January 1890, I have the honour to remark that I quite agree with the President in the conclusions drawn in his fifth and sixth paragraphs.

2. The suggestion made in the eighth



eighth paragraph also has my entire approval. Allusion was made to this matter in my annual report of 1889, but at the same time I think that as the Board is solely a recommending Board, and not in any degree one of control it might be better for suggestions involving changes in the rules to be made direct to the Principal, who is I believe the proper authority to initiate proposals. Such proposals, when made can, if necessary, be sent to the Board for opinion.

3. I have already acknowledged in my annual report Captain Baddeley's cordial co-operation with me in all matters relating to the examinations and I learn with pleasure that his duties as President are not likely to be interrupted during the present year.

5/1857

Educational Department.

CHIEF SECRETARIAT MADRAS

## PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper:—

From the Director of Public Instruction, Madras; dated 13th May 1890, N. 4690.

Art II of the rules relating to the constitution of the College of Engineering makes provision for the appointment of a Board of Examiners to conduct the admission and final examinations of the College. The President of the Board, however, in submitting the results of the examinations for last year has made some suggestions involving changes in the rules. The Principal of the College whilst fully approving these suggestions takes objection to their being proposed by the Board which in his opinion is solely an examining body. The precise wording of the present rule gives colour to the Principal's objection, but on general grounds I think that it is not only competent for the Board which is appointed by and is distinctly responsible to Government to make any suggestion

it

considers necessary to Government with regard to the educational organization of the institution, so far as they naturally arise out of the duties of the Board as examiners in the practical as well as in the theoretical work of the students but deem it most expedient that they should be encouraged to do so. Captain Lowe's contention that, if the Board do so, they should do so to the Principal only, seems to me quite untenable and to be contrary so far as I am aware to all precedent. But as the duties of the Board do not seem to be defined fully in the article referred to above I beg to request that Government will be pleased to sanction the following addition to Art II of the College Code.

"After completing the Annual examinations the Board shall submit a report to Government through the Director of Public Instruction, summarising the results of the examinations. They may record in the report any observations of a general nature bearing on the working of the College or make any suggestions they consider expedient, provided such observation or suggestion arise naturally out of the examination work which the Board has to



to perform. The report shall be signed by the President and Members of the Board.

2. I would add that I consider a report of this nature on the working of the institution calculated to do much good, for collegiate institutions of this character are properly exempted from all inquisitorial inspection, whilst it is manifestly advantageous that the body that reports the ~~shall~~ should be able to pronounce a general opinion as to the causes which produce excellent results or the reverse. I think each member should sign and the responsibility of the Board thus be fixed individually as well as collectively.

Order 7th June No 417

His Excellency the Governor in Council fully concurs in the views of the Director of Public Instruction and approves the proposed addition to Art

Art II of the College Code. The Director will submit an addendum for publication in the Fort St. George Gazette.

(True Extract)

Oddy

Major R.E.

Under Secretary P.W.D.

for Chief Secretary

No 1892 dated 15 July 1890

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The Public Works Department

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