

Educational (1912) Department.

ORDINARY MS.

G.O., No. 213

DATED 5-3-12

[Despatch Abstract.]

Questions in Council.

Recording papers relating to the question asked by the Honble Mr. Seshagiri Aiyar and the answer given thereto at the meeting of the Lepue Council of the 14th Febry re-improvement of technical education and re-organization of the College of Engineering.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

85/9
5-12-11
further papers

Duplicate of Ill no 237
24-1-12

57

12-23-1-12.]

Educational Department.

The Hon'ble Mr. Seshagiri Aiyar.

Question 51. (a) Has the attention of Government been drawn to a paper on "Technical Education" read by the Hon'ble Mr. Chatterton at the Allahabad Educational Conference held in February 1911?

(b) If so, will the Government be pleased to state whether it is under contemplation to re-organize the Civil Engineering College at Madras and whether any proposals for its re-organization have been submitted?

[Meeting of 14th February 1912.]

The paper on technical education which Mr. Chatterton contributed to the Allahabad Conference will be found on pages 57 to 59 of the "Papers regarding the Educational Conference Allahabad, February 1911".

2. The Hon'ble Member saw Mr. Chatterton's paper in March last and noted as follows, referring to his proposals for the re-organization of the of College of Engineering:-

" x x x I have long held that we should make the new Engineering college a college for high technical education and open two schools for engineering of the lower grade, one at Madura and one at Bezwada. I agree very much with what Mr. Chatterton says on this point".

3. Mr. Chatterton's proposals regarding the the College of Engineering are

(1) that it should be converted into a high class technological institute capable of dealing not only with the immediate but also with the prospective needs of the Presidency,

(2) that all the subordinate classes should be removed from it;

(3) that it should provide adequate arrangements for the training of mechanical and ~~technical~~ electrical engineers in addition to those now provided for civil engineers;

(4) that students should be recruited between the ages of 16 and 18 after they have finished their school course and before they enter into the University classes,

(5) that the college course should last for five years instead of three as at present,

(6) that the course of study and the syllabus in engineering should be modified and

(7) that for the training of subordinates -

Second para on page 58

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3.4.11

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overseers and mechanical foremen - two engineering schools one in the north and the other in the south should be established.

4. As regards proposal (1) the Government have already stated that their intention is to develop the engineering college so as to ~~encompass~~ embrace a wider range of instruction in technico-logical subjects having their basis in mathematics and physics, such as mechanical and electrical engineering. Please see G.O.No.15 Edl. dated 11th ^{January} ~~February~~ 1909.

Proposal (2). The question of removing the subordinate classes from the college has not been considered.

Proposal (3). The college now trains both mechanical and civil engineers and it is proposed to ^{make} provision for the training of electrical engineers also - vide G.O.No.858/9 Edl. dated 5th December 1911.

Proposals (4) and (5). Since Mr. Chatterton wrote his note the age limit for admission to the college has been lowered from 22 years to 20 and the college course ^{for the engineer & upper subordinate classes} has been extended from three to four years - Please see G.O.No. 451 Edl. dated 8th July 1911.

Proposal (6). ~~The course of study has also been slightly modified but not to the extent proposed by Mr. Chatterton~~ ^{under} would have the engineering students taught English, history, geography and general information. As only those who have passed the Intermediate examination are admitted to the Engineer class there is no necessity for teaching them English and other subjects. ^{No proposal to modify the syllabus was received from Mr. James.}

Proposal (7). The Government have ^{under} proposed consideration a proposal two

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two to establish two mechanical institutes - one in the north and the other in the south.

The Madura technical institute is proposed for the south and proposals for its re-organization are under consideration. In the north it is proposed to have an institute in Vizagapatam. As already noted no proposals have been made to remove the subordinate classes from the College of Engineering and none to open separate institutions for their training.

4. The following answer is submitted for approval:-

"The Government has seen Mr. Chatterton's Member
"note which the Hon'ble/Member refers to. They ^{have explained} intending
"to develop the College of Engineering so as to
"embrace a wider range of instruction in technological subjects having their basis in mathematics and physics, such as mechanical and electrical engineering. The general educational qualification and the age limit prescribed for admission to the college ^{have} recently been lowered and the duration of the course has been extended to four years for Engineer Upper Subordinate Students."

Re.
5.2.12

Hm.
This question arises out of Mr. Chatterton's ^{intention} remark:- "I have shortly to submit to the Madras Govt a scheme for industrial and technical education for the Madras Presidency &c" - which introduces his proposals for the constitution of the Engineering College. - The LCM

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7-2-1912

p. 1-2

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7-2-1912

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reading this in the published volume of papers regarding the Allahabad Conference, naturally imagines that Govt. are considering, or have considered, the reorganization of the College with reference to Mr. Chatterton's views.

2. I am not aware that Mr. Chatterton ever received any instructions to submit proposals for the reorganization of the College & I read his D.O. of the 14th February '91 as a request for permission to work out and submit proposals. He there refers to his note for "the Educational Secretariat" of the Govt. of India (ex. (?) the Allahabad Conference) as "a brief outline of the proposals I contemplate submitting to Govt." and asked for approval of the outline as a preliminary to a detailed scheme. In so far as such a scheme related to the arrangements at the Engineering College it would of course be entirely outside Mr. Chatterton's sphere & he would not have been entrusted with the working out of it without asking a suggestion from the Principal, Mr. James, (who differs very strongly from him on one point, I believe, namely, the question of provision for training of the artisan

Office will examine this separately.

Mr. Chatterton was never asked to submit any proposals for the reorganization of the Coll. of Eng.

J.H.
5-3-12.

new no 69

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[There is no need after this lapse of time to tell Mr. Chatterton that the intention was to suggest that he should mind his own "business".]

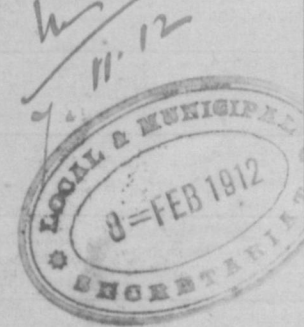
Yes he said I have been told this - He had no business with me to hinder the fact that he was about to address me on matters which are not his concern.

7.11.12

H.M.

Last year

afford



foreman). Mr. Chatterton's d.o. was never answered; here I think Mr. Paddison (who dealt with the papers) made a mistake. The reason is that never having received any intimation that Govt. approved his outline Mr. Chatterton has not submitted any proposals except in regard to the Madras Technical Institute and the formation of technical classes for employees in the North of Madras. H.M. is not on Q, as I understand, was in the nature of a hint to Mr. Chatterton & implied a direction to attend to his legitimate functions (now transferred to Mr. Keeler) of inspecting industrial schools and classes.

I shall answer the question thus:-

Answer in Draft.

The attention of Govt. ^{was} ~~has been~~ drawn to the paper referred to. ^{has been} ~~has been~~ contemplated the development of the College of Engineering so as to embrace a wider range of instruction in technological subjects having their basis in mathematics and physics such as mechanical and electrical Engineering, but no comprehensive proposals on the subject have been submitted. It may be mentioned however that in the

revised rules published at p 396 to 406 of Part I-B of the Fort St George Gazette dated 11 July 1911. The age of admission to the College has been lowered from 22 to 20 and the period of instruction in the engineer and upper subordinate classes extended from three to four years, while certain changes have been made in the general educational qualifications for admission to those classes.

LD.
7.2.11

The question and answer as finally approved are as follows: —

Question 69. (a) Has the attention of Government been drawn to a paper on "Technical Education" read by the Hon'ble Mr. Chatterton at the Allahabad Educational Conference held in February 1911?

(b) If so, will the Government be pleased to state whether it is under contemplation to re-organize the Civil Engineering College at Madras and whether any proposals for its re-organization have been submitted?

Improvement of technical education and re-organization of Engineering College.

Answer 69—

The attention of Government was drawn last year to the paper referred to. They have long contemplated the development of the College of Engineering so as to embrace a wider range of instruction in technological subjects having their basis in mathematics and physics such as mechanical and electrical engineering, but no comprehensive proposals on the subject have been submitted. It may be mentioned however that in the revised rules published at pages 396 to 406 of Part I-B of the Fort St. George Gazette, dated 11th July 1911, the age of admission to the college has been lowered from 22 to 20 and the period of instruction in the engineer and upper subordinate classes extended from three to four years, while certain changes have been made in the general educational qualifications for admission to those classes.

2. ~~A draft order is submitted for approval.~~ The following are the supplemental questions and the answers thereto:—

7/2/12

Improvement
of technical
education and
re-organization
of Engineering
College.

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86.

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The Hon'ble Mr. SESHAGIRI AIYAR:—"I wish to ask whether the college will be bifurcated, one dealing with education in higher engineering and the other dealing with the education of subordinates. Has the Government considered this proposition of Mr. Chatterton?"

The Hon'ble Sir MURRAY HAMMICK:—"The Government have considered, in regard to the future building of the Engineering College, the whole course to be undertaken. I don't think they have gone further. There are proposals in the air for having subordinate schools elsewhere, but we have not formally decided anything."

The Hon'ble Mr. SESHAGIRI AIYAR:—"Will the Government be pleased to consider that point before pushing on the building operations?"

The Hon'ble Sir MURRAY HAMMICK:—"The building of the college has nothing to do with the proposal of the formation of the subordinate technical schools and there is nothing to change, as far as I know, in the arrangement of the building for the Engineering College, with regard to anything that Mr. Chatterton says."

E
for
Edw

He wants
a copy of the
allotted
Conference report
with the
Chatterton
paper ~~about~~
containing ten
-five proposals re
the Engineering
College
(January
1911)

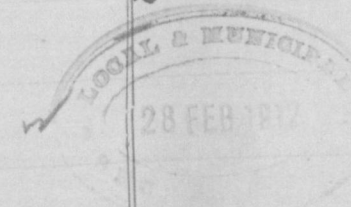
A copy of the Allahabad Conference report is submitted. W Chatterton's paper about the College of Engineering is on pages 57-59.

Re
26.2.12.

Circd - in Box No 45-

H.M. with ref. to his J.O. of
the 24th inst. 8
28.2.12

Thanks. I am more than ever in the dark as to what Mr. Seshajiri Hyar desires, nor do I see that Mr Chatterton's views suggest any change as regard the building of new Engineering College.



Hs
27.2.12

The papers may now be recorded. The
draft placed below is for approval.

F.H.
5-3-12

Ra
5-3-12

msm
5/3/12

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" " " " 191 .

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" " " " 191 .

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mis

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