

Σ + P.H. (1947) Department.

MS. SERIES.

G.O. NO.

914 Eden

Dated

5-5-1947

[Despatch Abstract.]

COLLEGE - Engineering - Selection of students - Principles -
Papers recorded.

Back Papers.

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

Further Papers.

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

Sri M.G.Natesa Chettiar, M.L.A.

Dharma puri, 31-1-1927.

To
The Hon'ble the Education Minister,
Fort St. George.

Sir,

I request you to be good enough to have the following - matters examined and proper action taken and that I may be advised of the results:-

- (1) Regarding admissions to the Medical Colleges.- the Intermediate students do practical work in Physics and Chemistry for 2 years and laboratory note books are maintained. Hence the pre-registration course may be abolished. The laboratory note books may be directed to be submitted by the students for scrutiny by the University authorities. As regards students who ~~are~~ have not taken group II for Biology, they may be taught this subject along with -- Organic Chemistry in the 1st year medical course. The medical course ~~for~~ should commence from July to July instead of January to December.
- (2) As regards admission to Engineering Colleges - in the Medical college admissions preference is given to B.Sc. students who obtain a first or second class and these are admitted first. Similarly B.Sc. students who have taken Physics, Chemistry and Maths. and who obtain at least a second class-provided they are within the age limit prescribed, should be given preference and first admitted into the Engineering colleges.
- (3) The question of increasing admissions to technical - colleges on merit alone to at least 40 to 50% should be earnestly considered.

Your most obedient servant,

De Sahu
31-1-47

To
The Hon'ble the Education Minister,
Fort St. George,

I request you to be good enough to have the following
matters examined and proper action taken and that I may be
advised of the results:-

(1) Regarding admissions to the Medical Colleges - the Inter-
mediate students do practical work in Physics and Chemis-
try for 3 years and laboratory note books are maintained. The
laboratory note books may be directed to be submitted by
the students for scrutiny by the University authorities.
The students who have not taken group II for
Biology, they may be taught this subject along with
Organic Chemistry in the last year medical course. The
whole course should commence from July to July in-
stead of January to December.

(2) As regards admission to Engineering Colleges - in the
Medical college admissions preference is given to B.Sc.
students who obtain a first or second class and these
are admitted first. Similarly B.Sc. students who have
taken Physics, Chemistry and Maths. and who obtain at
least a second class-provided they are within the age
limit prescribed - should be given preference and first
admitted into the Engineering colleges.

(3) The question of increasing admissions to technical
colleges on merit alone to at least 40 to 50% should be
seriously considered.

Your most obedient servant,

Edn. & P. H. Dept.

D.O. No. 10181A 147-1 Edn d 11-2-47

Dear Dr. Savor,

Standards for admission to Engineering
Colleges.

I am to request you to ascertain and report what the
standards adopted for selection of candidates for admission into
Engineering Colleges are, and also whether a third class B.Sc.
or B.A. degree is preferred to a first-class Intermediate or
otherwise. I am to ask you to offer your remarks on the sugges-
tion made by Sri M.G. Natesa Chettiar, in the extract from the rep-
resentation enclosed.

Yours sincerely,

To
Dr. S.R.U. Savor, M.A.D.Sc., I.E.S.,
Director of Public
Instruction.

(with extract)

Amp 1 CF

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23269

D.O.No.255 K2/47

VU A (X)
Director of Public Instruction,
M a d r a s, 22nd March 1947.

My dear Subramanian,



Standards for admission to Engineering
Colleges. ---

23269
Please see your D.O.No.10181 A/47-1, Education,
dated 11-2-1947 on the above subject. I enclose for
your information a copy of letter R.O.No.1-6 B/47 dated
8/10th March 1947 from the Principal, College of Engi-
neering, Guindy, explaining the position. I agree
with the remarks of the Principal.

23269
2. Till the year 1911, the qualification for
admission into the Engineering College was a pass
in the B.A. degree examination of the Madras Uni-
versity, with Mathematics or Physical Science as
optional subject. In G.O.No.451, Education, dated
8-7-1911, Government altered the qualification to the
present Intermediate with Group I as optional subject.
The circumstances in which the alteration was found
necessary has been explained in this office letter
ROC.No.788/11 dated 30-3-1911.

Yours sincerely,

S R R Saron

P.T.O

To

M.V. Subramanian, Esq., I.C.S.
Secretary to Government,
Edn. & Pub. Health Department,
Fort St. George.

EDMHA

The C.O. quoted on p 5 ante
was called for on 24-3-47 and has not yet been
recd. The M.R.O. is being reminded to-day.
This may be over till 5-4-47 or till the
C.O. is recd. whichever is earlier.

31-3-47/1/4/47

2/4/47

~~The M.R.O. have since
informed that the C.O. has been submitted for 324.
which relates to the raising of application for admission to
Engg. Colleges. That file has been submitted separately
to the M.R.O. This may continue to be until
the C.O. can be released from that file~~

where is the file referred to.
Sich with you.

16/4/47

COPY of letter RC.No.1-6 B-47, dated 8/10th March 1947 from the
Principal, College of Engineering, Guindy, to the
Director of Public Instruction, Madras.

SUB:-Standards for admission to Engineering Colleges.

REF:-Your Pros.R.C.No.255 K2/47 dated 28th Feb. 1947.

Applicants for admission into the Engineering Colleges are
mostly Intermediates. But there is also an appreciable number of
Graduates, many of whom had applied after passing the Intermediate
and had not been selected.

2 Admissions are made from considerations of quality and not
quantity. A III Class Graduate is not considered superior to all
1st Class Intermediates. Even a 1st Class Graduate is not con-
sidered superior to all 1st Class Intermediates. For example,
a 1st Class B.Sc., with Mathematics, Physics and Chemistry, as
optional subjects, may have obtained between 60 and 70% marks,
and I do not consider it to be fair to regard him as superior to
a 1st Class Intermediate who has obtained over 90% marks in the
Mathematics, Physics and Chemistry Group. It is the quality of
the students whether Intermediates or Graduates which is taken
into consideration in the matter of admissions. The record in
the Intermediate of Graduate applicants is also taken into con-
sideration when judging them along with Intermediates.

3 I do not think it desirable to give preference to all
Graduates over all Intermediates, as appears to be the practice
in the Medical College. That a Graduate is not necessarily supe-
rior to an Intermediate has been proved time and again in the
Engineering College. As far back as I can remember, it is a
student with Intermediate qualification and not one with Graduate
qualification who has topped the list in the Engineering College.
As a rule, Graduates are generally much lower in rank than many
of the Intermediates. I cannot therefore see my way to giving
that preference to Graduates for entrance into Engineering Colleges
as is given in the Medical College.

4 The knowledge of Mathematics, Physics and Chemistry which
a B.Sc. acquires is not of a high standard even in the main
subjects. After admission into the college, he has to repeat

some of the things that he had learnt in the B.Sc. and he has to learn certain things in Physics and Chemistry which he had not done in his B.Sc. It was partly because of the latter, that B.A., or B.Sc., which used to be the entrance qualification for admission into the Engineering College at one time, was altered to Intermediate. In view of this, and the fact that most of the Graduate applicants for admission into the Engineering College had been rejected when they had applied for admission into the Engineering College after passing their Intermediate, the giving of indiscriminate preference to Graduates over Intermediates would tantamount to providing a backdoor for admission into the Engineering College which would be unfair to the Intermediates. Moreover, it would defeat the objects of prescribing Intermediate as the entrance qualification in all professional colleges, which has been fixed after long and careful consideration, and would create a rush to the B.A. and B.Sc. classes, the avoidance of which is one of the objects of prescribing Intermediate as the qualification for entrance into professional colleges.

5 The only point in favour of the Graduate is that he is more mature and has a higher scientific background than an Intermediate at the time of admission, but at the end of his course he hardly has more maturity and greater scientific background than his Intermediate colleague.

6 In my opinion, the present method of selection by quality on the basis of marks obtained in the Intermediate examination in the case of Intermediates, and the marks obtained in the Intermediate and B.A. or B.Sc. in the case of Graduates, is the best practical basis for selection, and is fair both to Intermediates and Graduates.

7 The above remarks apply to pass Graduates. There is a class of Graduates that I am inclined to give preference over the Intermediate and that is the Honours Graduate, B.Sc., or B.A. with Mathematics, for the following reasons. Firstly, because they generally have to be men of high quality before they are admitted in an Honours course. Secondly, because it is generally a student with a desire for higher knowledge who takes the Honours course.

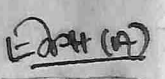
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Thirdly, because the standard of knowledge that he acquires in his subject is much higher than in the B.E. course in that subject. Fourthly, because their number is small. Finally, because he is very suitable for teaching and research. It is a pity that many of these Honours Graduates have to take to walks of life where their knowledge is wasted. I would like steps to be taken to attract these men to professional colleges by offering them scholarships with a view to build up suitable teaching and research personnel.

True Copy

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10/81

H.M. Education.



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p5cf

pp 5-9CF

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Pl. see the orders on the previous page. No further action is called for on the file. The papers may be lodged. recorded.

Sub College

Engineering -

C.O. no

914 Edm d

57514 Selection of students -

Recorded

Principles - Papers Kerala.

8/6/45