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Sectt. II-27-39,004-24-10-44.

E D H (194) Department.

MG

SERIES.

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Letter
G.O. No.

72-Edu.

Dated

9-1-46

(8)

[Despatch Abstract.]

M. E. S. and M. E. S. S. - Qualifications -
B. E. Degree - Abolition of prac
tice - consequential amendment ^{to rule} -
~~not considered~~ Question dropped
Commission informed.

Back Papers.

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

Further Papers.

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

2/9/11 84/911

Education & P.H. (A) Dept.
Letter/No. 72 Edn., dated 9.1.46

To The Secretary,
M.P.S.C. (with a copy of p.3 n.f.)

Sir,
M.E.S. and M.E.S.S. - Qualifications - B.E.
Degree - Abolition of Prac. training - Amendments
to special rules.

I am directed to invite reference to your letter
No.1678.B.2/45-1 dated 17-4-45, addressed to the C.S.,
and to say that a period of practical experience
ranging from one year to five years is already pres-
cribed for all posts in the two services C.E.S. and M.E.S.S. for
which the qualification of B.E. Degree is one of the qualifns. required.

The Govt. do not, therefore, propose to amend the Special
Rules relating to these services.

Y.O.S.
4/1/46

the Annexure to the special
rules relating to the M.E.S.
(referred to in rule 6(a))
and in Annexure II to the
special rules relating to
the M.E.S.S. (referred to
in rule 7(a))

16367 B. 114

Copy of letter No.1678-B.2/45-1, dated 17th April 1945, from
Secretary, Public Service Commission, Madras. to the Chief Secretary
to the Government of Madras, Public (Services) Department. (3)

19628



Qualification - B.E. degree - Practical training for one year
Abolition - Rules prescribing the B.E. qualification -

I am to enclose a copy of the letter of the Registrar of the
University of Madras No.C.1258, dated 29-3-1945, and to say that with
effect from the academic year 1944-45 the University has dispensed with
the practical training for one year hitherto prescribed as a condition
precedent to the award of the B.E. Degree.

Examination
not

According to the old regulations of the University a candi-
date in order to qualify for the B.E. degree, had to study not less
than four years in an Engineering College, pass the B.E. degree
at the end of that period, and produce evidence that he had spent
less than one year in practical work, of which at least six months should
be passed by candidates in the Civil Branch on Engineering works, by
candidates in the Mechanical Branch in an Engineering workshop,
and by candidates in the Electrical Branch in an Electrical Engineering
works or Power House.

Now that the University has dispensed with the practical training
and is awarding the B.E. degree to a candidate who has merely passed
the examination at the end of the four years' academic course in the
College, the question arises whether the B.E. degree qualification,
wherever prescribed in the statutory rules, should not be amended so
as to prescribe, in addition to that degree, practical experience in
Engineering works for not less than one year.

The B.E. degree referred to in the statutory rules is a degree
which was prescribed as a qualification at a time when it included a
course of practical work for one year in addition to the academic course
of four years in the College. Such practical work formed a very im-
portant and essential part of the B.E. degree qualification. It seems
to the Commission that the value of this qualification should not be
lowered: nor should its value be made to depend upon changes in the
University regulations which the University may make from time to time.

The Commission holds strongly the view that wherever the B.E.
degree is now, or may hereafter be, prescribed as a qualification in
the statutory rules, an additional qualification in the shape of
practical work for one year after obtaining the degree should be pre-
scribed in cases where such degree is obtained in
or after the academic year 1944-45, and that such practical work should
include work for not less than six months, in the case of candidates
in the Civil Branch on Engineering works, in the case of candidates in
the Mechanical Branch in an Engineering Workshop and in the case of
candidates in the Electrical Branch in an Electrical Engineering works
or Power House.

The Commission suggests that the statutory rules be amended
accordingly wherever necessary.

Copy of the letter of the Registrar of the University of Madras
No. C.1258, dated 29th March 1945.

Ref: Your letter No.1607-B.3/45-1, dated the 29th March 1945 -
Deletion of the provision re: practical Training for
candidates before award of the B.E. degree.

I have the honour to inform you that in the revised Regu-
lations governing the B.E. degree no provision has been made for
practical Training by candidates before taking the Degree, as in the
case of the old Regulations.

I have also to state that, with a view to making the old
Regulations also conform to the revised Regulations in this respect,
the provision for practical training in the old Regulations has dis-
pensed with. At its meeting held in October 1944, the Senate approved
the following change in the Regulations.--

344: (A) 3
That the following words in the second paragraph of Regulation 1 of Chapter LIX - B.E. Degree (Old Regulations) Vol. I, part II, contained in 1939-40, be deleted.---

and to have produced evidence which shall satisfy the Syndicate that they have spent not less than one year in practical work of which at least six months shall be passed by candidates in the Civil Branch on Engineering Works, by candidates in the Mechanical Branch in an Engineering Workshop, and by candidates in the Electrical Branch in an Electrical Engineering works or Power House".

The above change in the Regulation took effect from the year 1944-45.

Public (Services) Department.

Sub: Qualification - B.E. degree - Practical training for one year - Abolition - Rules prescribing the B.E. degree qualification - Amendment.

Ref: Letter from the Madras Public Service Commission No.1678-B/45-1 dated 17th April 1945.

Please see the letter from the Madras Public Service Commission in the C.F. The B.E. degree qualification is prescribed for certain posts in the Madras Educational Service, the Madras Electrical Service, the Madras Engineering Service, the Madras Dt. Board Engineering Service, the Madras Industries Service & etc. The Commission's letter may simultaneously be sent to the departments concerned, viz., Education and Public Health, Public Works Department, L.A. and Development for remarks in consultation with the concerned Heads of Departments under them.

P.K.H.
23-4-45.

V.P. E.M.
24-4-45.

Pub. (Ser.) U.O.
17154/45-1, dated 25-4-45.

Forwarded /By order

Superintendent.

unsub
The remarks of the D.P. I. may be invited w.o. on the views of the M.P.S.C. at 'A' on plane and if the Director agrees with the Commission, he may be requested to suggest the necessary amendments to the M.P.S. Rules.

D.P. I. *un*

8.5.45

OFFICE OF THE
DIRECTOR OF PUBLIC INSTRUCTION,
M A D R A S.

U.O. No. 1214 C/45, Dated 27th July, 1945.

Subject:- Statutory Rules - Rules prescribing the B.E. qualifications for certain posts - Amendment consequent on the abolition of practical training for the award of B.E. degree.

Reference:- Education and Public Health Department U.O.No. 19628 A.1, dated 11th May 1945.

R e s u b m i t t e d .

2. So far as the Education Department is concerned it is submitted that wherever B.E. degree is specified in the Special Rules as a qualification for appointment to a post in the Madras Educational Service or in the Madras Educational Subordinate Service, practical experience for a certain number of years is also prescribed in addition to the B.E. degree. In the appointments that have been made so far, practical training and practical experience have been considered to be synonymous as anybody who is having practical training is getting practical experience. In view of the fact that a period of practical experience (ranging from one year to five years) is already prescribed for all posts in the Education Department for which B.E. degree qualification is required, the abolition of the one year's practical training hitherto prescribed as a condition precedent to the award of the B.E. degree does not mean much. Moreover, owing to the low scale of pay and the appreciation of the market value of engineers, it is becoming extremely difficult to get even persons with the prescribed practical experience. In the above circumstances it is neither opportune nor necessary at present to alter the qualifications with regard to practical experience for any of the posts in the Education Department for which B.E. degree is prescribed as a qualification in the Special Rules.

EDM. J. M.

5
Please see the reply from the D.P. I. on p. 5 ante.
In the circumstances stated by the D.P. I. this
Dept. may agree that no amendment is
required to M. E. S. Rules consequent on the abolition
of one year training for the award of B.E. degree.
This may be sent to Public (S.) for ~~approval~~ use.

Mh
15/8/45
2.8.45

15.8.45

by
M/Secy- P.W. (L.)

Mh
15/8/45

19628A-2
21.8.45



PUBLIC (SERVICES) DEPARTMENT

Extract of Public (Services) Department Note regarding:

Qualification - B.E. degree - Practical training for one
year - Abolition - Rules prescribing the B.E. degree
qualification - Amendment.

-000-

XXX

XXX

XXX

With effect from the academic year 1944-45, the Madras University has
dispensed with the practical training for one year hitherto prescribed as a
condition precedent to the award of the B.E. Degree. In its letter on p. 1
c.f. the Commission suggests that wherever the B.E. degree (of the Madras
University) is now, or may hereafter be, prescribed as a qualification in
the statutory rules, an additional qualification in the shape of practical
work for one year, after obtaining the degree should be prescribed in case
where such degree is obtained in or after the academic year 1944-45 and
that such practical work should include work for not less than six months,
in the case of candidates in the Civil Branch on Engineering works, in the
case of candidates in the Mechanical Branch in an Engineering Workshop and
in the case of candidates in the Electrical Branch in an Electrical Engi-
neering Works or Power House and that the statutory rules be amended accor-
dingly, wherever necessary. The B.E. degree qualification is prescribed for
certain posts in the Madras District Board Engineering Service, Madras Indus-
tries Service, Madras Engineering Service, Madras Educational Service,
Madras Electrical Service, etc. The departments of the Secretariat concern-
ed, viz. L.A., Development, P.W.D. and E.P.H. were asked to offer their
remarks on the Commission's suggestion in consultation with the Heads of
Departments concerned. (Their replies are at flag (Q).)

2.(a) L.A. Department: The Chief Engineer for Communications agrees
that for any student to become a fully fledged Engineer, one year's practi-
cal training in addition to a pass in theory is essential but suggests that
such training be sandwiched between theoretical yearly courses of studies
(8 months theoretical training and 4 months practical training during the
last three years of the course) so that students may not have to wait till
the end for the training. To avoid depriving students of their holidays,
the L.A. Department has suggested that during the 4 years of the B.E. cour-
se a period of 1½ months out of each 3 months leave be devoted to practical
training (the remaining 1½ months to be holidays) and that after the degree
is secured, a further period of 6 months be devoted ~~in addition~~ to practice
training, thus securing the total one year period. The suggestion is one
for consideration by the E.&P.H. Department in consultation with the D.P.
and the University authorities.

(b) Development Department: The Director of Industries and Comm-
ce agrees with the view held by the Commission but suggests that the stipula-
tion regarding practical training should not apply to Engineering stu-
dents of other Universities which prescribe a year's practical training be-
fore the award of degrees. The Director of Agriculture considers that there
is no good of prescribing practical training when the University has abo-
lished it. The Development Department agree with the view of the Director
of Industries and Commerce but have not offered any remarks on that expres-
sed by the Director of Agriculture.

(c) E.&P.H. Department: The Director of Public Instruction says
that so far as the Education Department is concerned, wherever the B.E.
degree is specified in the special rules as a qualification for appointment
to a post in the Madras Educational Service or in the Madras Educational
Subordinate Service, practical experience for a certain number of years is
also prescribed in addition to the B.E. degree and that as practical train-
ing and practical experience have been considered to be synonymous, the
abolition of one year's practical training for the B.E. degree does not
materially affect appointments to the Education Department and that it is
neither opportune, nor necessary at present to alter the qualification with
regard to practical experience for any of the posts in the Education depa-
rtment. The E.&P.H. department agree with the Director's view.

(d) Public Works Department: The Chief Engineer for Electric
states that so far as his department is concerned, a practical expe-
rience of not less than one year in addition to the B.E. degree is

in the special rules for recruitment to all posts in the Madras Electrical Service and Madras Electrical Subordinate Service excepting those of draftsman and that of special rules do not need any amendment - except to the extent suggested at 'M' on pp.19-20 of (Q). The Chief Engineer (General) agrees with the suggestion of the Commission subject to the conditions:-

(i) that a note as at 'X' on p.22 of (Q) be incorporated in the proposed amendment and

(ii) that the Principal, College of Engineering, Guindy, be appointed as the authority for issue of certificates to the candidates who have satisfactorily undergone the prescribed period of practical training. The Chief Engineer for Electricity agrees with the Chief Engineer (General) but has suggested that the note be re-cast as at 'A' on pp.24-25 of (Q) and that so far as training in the Electricity department is concerned, the ~~Electricity~~ Electricity dept. may, as at present, issue the necessary certificates of practical training which will be transmitted to the candidates through the Principal, College of Engineering. The P.W. department accept the views of the Chief Engineer (General) and Chief Engineer (Electricity) with the modifications suggested by the latter.

3. It will be seen from the above that only the D.A. has suggested the summary rejection of the Commission's proposal. Development may perhaps be requested to examine the matter again. It does not seem possible nor does it seem necessary to issue any general orders in this department. Extracts of these notes together with the relevant papers in (Q) may be sent to the departments concerned for issue of necessary orders as early as possible after consulting the Commission, wherever necessary. E.&P.H. may also be requested to consider the suggestions at A, B and C on pp.2, 3 and 4 above.

V.P.E.M.
11-11-45.

It is a matter to be decided by the departments concerned - but if practical training formerly included as a prerequisite to the award of the B.E. degree, is abolished, it seems essential to insist on approved practical training after the award of the B.E. to replace

J.B.B.
12-11-45.

Pub (Ser)
No. 17154/45-15
14-11-45

(True copy)
By/order

SKM.16.11.

P.S. Muna
SUPERINTENDENT.

E. & P.H., V.V.
(Litt 11-12-45)

Edn. & P.H. Dept. 7

The notes on p.p.5-6 ante may be read. This Department has already concurred in the view of the D.P.I. that no amendment to the M.E.S. or the M.E.S.S. Rules is necessary consequent on the abolition of the 1 year's practical training for the award of B.E. Degree. For orders whether the M.P.S.C. may be informed accordingly or whether the Director should be consulted again with reference to the C.S.'s note on page 6 ante.

2. Action on "A", "B" and "C" on p.p.5-6 ante will be taken separately.

Handwritten notes:
24/12/45
The Director
has already
concurred - please see
the Commission's
report on the
subject. No amendments
are proposed.

Handwritten notes:
1A-11-A
1A-11-A
1A-11-A

Handwritten notes:
1A-11-A
1A-11-A

are the principal proposed to be made to
 the D.E.S. & D.E.S.S. Rules. Please draft.
 Areas in the draft will be circulated.
 Wf
 31/1/46

A draft letter is submitted.

Wf
 31/1/46

Wf
 4/1/46

A2

State in draft where
 the period is prescribed.



Wf. 1. 46

The draft as added to may issue.

Wf
 7/1/46

Wf
 8/1/46

Wf
 31/1/46