

(K)
E. P. H. (1949) Department.

Ms SERIES.

G.O. NO. 738 Edu.

Dated 16-3-49

[Despatch Abstract.]

Technical education - Standing Advisory Board for Technical education - Report of the Committee on Technical personnel - 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.

Mem. No. 7031 A-1/48A Edu dated 5-2-48. E.P.H.(A)

Sub: Standing Advisory Bd. on Technical Edu.
~~By~~ ~~Members of~~ ~~Sub~~ Committee on Techl. personnel
~~Nominated~~ Appointment of.

In pursuance of the resolution of the Standing Advisory Board on Techl. Edu., at its meeting ^{held} on the 24th Jan. 1948, asking the Chairman to appoint a ~~Sub~~ Committee for collecting statistics of the techl. personnel necessary for the province in the next five years, H.M. (Edu.), ~~also~~, the Chairman of the Board, ~~has~~ appointed the following ^{persons} as members of the ~~Sub~~ Committee: ~~as mentioned:~~

1. Sri A.R. Venkateshaya, C.E. (General, Irrigation, ^{Intelligence & Defence})
2. Sri J. Sundaram, C.E. (Electricity), ^{I.E.S.}
3. Sri T.S. Mani, D. of G. & C.,
4. Sri N.S. Varadachari, M.L.A., and
5. Dr. J.J. Rudra, Principal, Engg. College, Guindy

Dr. Rudra will be the convener of the

P.T.O.

2. The ~~reference to the~~ ~~said~~ ~~Committee~~ will be

personnel necessary for the province ⁱⁿ ~~of~~ ^{sphere of} ~~activities~~ ^{life}, including
in the various departments ^{of} ~~of~~ ^{life}, including
Industries, Agriculture, ^{Engg.} ~~Engg.~~, Village water-
works etc. ~~and~~

if necessary; and to take such other steps ^{as} ~~and~~ ~~for a~~ ~~that~~ ~~the~~ ~~purpose~~ collecting the statistics.

4-2-48
J. J. J. J.
J. J. J. J.

To the D. P. G.
 " Principal, Engg. College
 Guindy.
 " C. E. (General, Irrigation
 Buildings & Defence
 " C. E. (Electricity)
 " D. G. S.
 Sir N. S. Varadachari, M.L.A.
 Copy to the H. M. (5000.)

(2 S.C. 12)
 1/2
 5/2
 1/2
 5/2

Office of the Director of Industries and Commerce,
Madras, Dated 24th February, 1948.

From The Director of Industries and Commerce,
Madras.

To
 25 FEB 1948
 The
 Education and Public Health Dept.
 Madras.

12877

Sub: Standing Advisory Board on Technical Education- Committee
on Technical Personnel- Appointment of.
Ref: Govt. Memorandum No.7031-A.1/48-A-Sdn., dated 5.2.1948. 1

As Sri P. Govinda Menon, Joint Director of Industries and Commerce, is in charge of Technical education, I suggest that he may be appointed as member of the Committee for collecting statistics of the technical personnel necessary for the Province in the next five years, in my place. I will of course be always available to the Committee should it require my services. I have mentioned this to the Hon'ble Minister for Education and he has accepted my suggestion.

24/2.48
for Director of Industries & Commerce.

4

H.3/3
16/3
p. 30 f. 2. no. 1387)

Memo. No. 7031 A - 2/48 A Edu dated 15-3-48. E.P.H. (A)

Sub: Standing Advisory Bd. for Techl. Edu. Committee on Techl. Edu.

Ref: Memo. No. 7031 A - 1/48 A Edu. d. 5.2.48. from the D.G.D.C. No. 5055 C2/47, d. 24.2.48

In modification of the memo read above, the chairman of the Standing Advisory Board for Techl. Edu. appoints Sri P. Govinda Menon, Joint Director of Industries and Commerce as a member of the place of Sri T.M.S. Nani, I.C.S., D.G.D.C., as a member of the Committee for collecting statistics of the techl. personnel necessary for the province in the next five years.

To the D.G.D.C.
" J.D. of D.C.
Copies to all members
of the Committee
(as in the Memo on p. 24 f.)
(280's.)

27.2.48
18/3/48

11/3/48

11/3/48

GOVERNMENT OF MADRAS
Education and Public Health Department
Memorandum No. 78920 (A)/47-8 A Edn., dated 23th July 1948. (S) 7

Sub: Advisory Board of Technical Education - Collection of
Statistics regarding suitable technical personnel.

Ref: Government Memo No. 7031 A-1/48-A Edn. dt. 5-2-48.
- - - -

The attention of the Principal, College of Engineering, Guindy, is invited to paragraph 2 of the Government Memo cited and he is requested to state whether any attempts have so far been made to collect statistics of technical personnel and if not, to take immediate steps as are necessary for collecting the statistics.

M.V. SUBRAMANIAN,
Secretary to Government.

To The Principal, College of Engineering,
Guindy.

Copy to: The ~~Respxkx~~ Director of Public Instruction.

Forwarded/By order

SUPERINTENDENT.

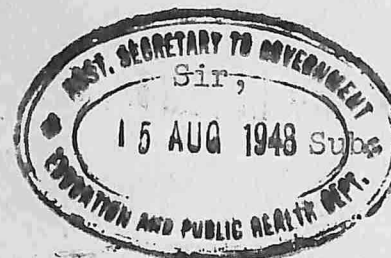
CN/

ABTE/48.

College of Engineering, Guindy,
Madras-15, Dated: 13th August 1948.

To

The Secretary to Government,
Education and Public Health Department,
Fort St. George, MADRAS.



Standing Advisory Board for Technical Education - Col-
lection of Statistics regarding suitable technical per-
sonnel.

Ref: Your Memorandum No. 78920 (A)/47-8 Edn., dated 26-7-1948.

61046

From the records available in this office, it is observed that Dr. Rudra, who was the Convener of the Committee appointed by the Standing Advisory Board for Technical Education, has called for two meetings of this Committee. The members of the Committee have discussed the terms of reference and have drawn up a Questionnaire to be sent to various Government Departments as well as private employers employing engineering and other technical personnel. On an informal discussion that I have had recently with the members of this Committee, it was elicited that the Questionnaire drawn up by the Committee on the previous occasions was too voluminous and it would require a long time to get the information that was required. The members of the Committee therefore desired that they should once again meet to clarify the issues involved in the Questionnaire. A meeting has therefore been fixed for Wednesday the 18th August. The findings of the Committee will be communicated in due course.

The Standing Advisory Board for Technical Education has appointed a Special Committee, who happen to be also members of the Statistics Committee. This special committee held meetings several times and had a very heavy programme on hand with reference to the question of reduction of the engineering courses from 4 years to 3 years. In the proposal that is being put up before the Board for the reduction of the engineering courses from 4 to 3 years, the cost of equipment, staff, financial implications, control of Engineering Colleges etc., are being gone into in very great detail. On account of this heavy programme of work, it was not possible to hold meetings of the Statistics Committee earlier. As the deliberations of the Special Committee are now nearing completion, it will be possible now to go on with the work of the Statistics Committee.

PRINCIPAL.

Copy submitted to the Director of Public Instruction, Madras for information.

10
ABTE/48.

College of Engineering, Guindy,
Madras-15, Dated: 21st Sept. 1948.

To

The Secretary to Government,
Education and Public Health Department,
Fort St. George, MADRAS.

Sir,

Sub: Standing Advisory Board for Technical Education - Col-
lection of Statistics regarding suitable technical
personnel.

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70783
p15-19
p136
In continuation of my letter ABTE/48 dated 13th August 1948,
I wish to state that the meeting of the Committee appointed for
collecting statistics was held in the Chief Engineer's Office on
Wednesday, the 18th August 1948 at 3-30 P.M. It was decided to send
the original Questionnaire prepared by the same Committee, but with
a special covering letter, copies of both of which are enclosed for
your information. The Questionnaire was duly sent to all the Govern-
ment Departments, other private engineering firms and industries,
Central Services and Defence Services, all numbering about 50, who
were requested to send their replies before 1st October 1948. Upto
now, only two replies have been received. Further information on
the subject will be sent in due course.

V. Paul
21/9/48
PRINCIPAL.

Enc: Questionnaire and covering letter.

Copy submitted to the Director of Public Instruction, Madras for
information.

Copy
From : Rao Bahadur Lt.Col.S.Paul, B.E.,
Principal, College of Engi-
neering, Guindy and
Secretary, Standing Advisory
Board for Technical Education,
Saidapet P.O., MADRAS-15.

ABTE/48 dated 3rd September 1948.

Sir,

Sub: Requirements of technical personnel of various cate-
gories - Estimate called for.

Sometime ago, the Secretary, Standing Advisory Board for Technical Education requested the various Government Departments and other private engineering firms to state the requirements of technical personnel for the next 5 years. The figures received have been consolidated and the total number of engineers, licentiate etc., that would be required during the next five years for engineering projects and other engineering works in the Presidency are so much, that it is doubted whether the present Engineering Colleges, Polytechnics and Industrial Schools in the Presidency would be able to train the required number. In order to correctly assess these figures, the Government have now asked the Standing Advisory Board for Technical Education to review the figures by calling for up to date information.

2. The Questionnaire enclosed herewith indicates the lines on which data should be furnished and the requirements of technical personnel estimated. It is not absolutely necessary to fill in all the columns but such information as could be readably given for the relative columns may be furnished. They may also be considered in convenient groups for which figures are already available. It is necessary, however, to divide the classes of personnel required into three distinct groups viz.,

- i. Higher engineering personnel - degree-holders.
- ii. Subordinate engineering personnel or licentiate.
- iii. Artisans and maistries required for constructional purposes.

3. It is possible that in giving the figures each person might have his own ideas as to the nature of expansions or the pace of construction adopted in the several departments. It is also possible that Government have not laid down any set plan of development. In order therefore that the requirements of the personnel might be known in relation to the possible programme of expenditure, three different programmes might be assumed and personnel required worked out on the following basis.

- i. with a tempo activity slightly more than what prevails at present.
- ii. with the present pace nearly doubled assuming Government are likely to provide necessary funds for such development.
- iii. with the maximum possible pace of development assuming no limitations on planning or finance or staff.

Figures might possibly be worked out on the basis of a percentage on the capital expenditure ~~or~~ or in some other manner as may be considered appropriate. In all cases, the method adopted might be explained so that the statistics furnished by different officers might be compared.

4. The essence of the matter being one of expedition and not so much of meticulous correctness of detail, it is requested that the statistics may be supplied as quickly as possible, not later than 1st October 1948.

Enc; Questionnaire.

S. Paul
SECRETARY.

15

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1945-46.

1946-47.

1947-48.

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○ ○

○ ○ ○ ○ ○

Maintenance.

General Adminis-
tration and in-
vestigation.

Year.

45-46. 46-47. 47-48. 45-46. 46-47. 47-48.

	Administrative or Regional Officer.
Higher Engineer- ing Staff.	Executive Research Personnel or District Engineer.
Degree-holders.	Assistant Engineer.
	Supervisor or Junior Engineer.
Sub Engineering classes.	Draughtsmen, Overseer. Lineman.
Licentiates.	Foreman (Elec. & Mech.) Maistries.
Artisans class.	Artisans.
	Other classes to be specified.

3.(a). Programme of Expansion in your organisation in the next seven years under the heads, Capital Works, Maintenance and administration and investigation.

(b). Cost of programme of expansion year by year for the next seven years.

Capital Works.
Maintenance.
General administration and investigation.

1948-49 49-50 50-51

52-53 53-54 54-55.

4. Number of staff of the categories specified on their equivalent required by your organisation in the next seven years on (a) Capital works (b) Maintenance (c) General administration and investigation.

Higher Engineering staff.
Degree-holders.

Administrative or Regional Officer.
Executive Research Personnel or District Engineer.
Assistant Engineer.
Supervisor or Junior Engineer.

Sub Engineering class.
Licentiate.

Draughtsmen, Overseer.
Linesman.
Foreman (Elec. & Mech.)
Maistries.

Artisans class.

Artisans.
Other classes to be specified.

1948-49 49-50 50-51

52-53 53-54 54-55.

CAPITAL

1948-49 49-50 50-51 51 53-54 54-55.

Higher Engineering Staff. Degree-holders. Administrative or Regional Officer. Executive Research Personnel or District Engineer. Assistant Engineer. Supervisor or Junior Engineer.

Sub Engineering class. Licentiates. Draughtsmen, Overseer, ~~Licentiate~~ Linesman. Foremen (Elec. & Mech.) Maistries.

Artisans class. Artisans. Other classes to be specified.

GENERAL ADMINISTRATION

INVESTIGATION.

1948-49 49-50 50-51 51 53 53-54 54-55.

Higher Engineering Staff. Degree-holders. Administrative or Regional Officer. Executive Research Personnel or District Engineer. Assistant Engineer. Supervisor or Junior Engineer.

Sub Engineering class. Licentiates. Draughtsmen, Overseer, Linesmen. Foremen (Elec. & Mech.). Maistries.

Artisans class. Artisans. Other classes to be specified.

ABTE/48.

To

The Secretary to Government,
Education and Public Health Department,
Fort St. George, MADRAS.

Sir,

SUB: Standing Advisory Board for Technical Education - Col-
lection of Statistics regarding suitable technical personnel.
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In continuation of my letter ABTE/48 dated 21st September 1948,

I have the honour to state that only very few replies have been
received to the Questionnaire sent on the above subject. I have
therefore reminded all the parties concerned to send their replies
as soon as possible.

S. Paul
7/10/48
PRINCIPAL.

Copy submitted to the Director of Public Instruction, Madras for
information.

7031A/48
12
21
College of Engineering, Guindy,
Madras-15, Dated: 7-10-48.
ASH

8 OCT 1948
74762

13 23 E.P.H. (A)
Memo. No. 7031A-3/48A dated 6-12-48.
Sub: Standing Advisory Bd. for Techl. Edu.-
Committee on Techl. Edu.

prcf c.no 74762 re on the Principal, Engg. College, Grindy,
No. ABRE/48 d. 7.10.48.

The Principal, Engg. College
Grindy is requested to state in what
stage the matter is at present.

To the Principal,
Engg. College, Grindy 28.12.48

W
28/12

DM
5/1/49

DM
5/1/49

MEMORANDUM NO. 21-48
 EDN & P.H. (A)
 Sub: Colleges - Engg - Admission of South & East African students - waiver of capitation fees.
 Ref: From the D.P.I. No. 1 A1/48-49 dated 13-10-48.
 The D.P.I. is requested to report urgently whether all the South and East African students now studying in the Engg. colleges in this Province satisfy the condition laid down for waiver of capitation fees in their favour in Letter No. 1941 P.H., dated 8-6-48 and Letter No. 35953-2/48 A Edn., dated 10-8-48, viz. that their parents or their families should have originally belonged to this Province. The Director is also requested to state whether the Govt. of India or the students themselves meet the expense on fees.

To: The D.P.I.
 Spare copy.
 3-11-48

ABTE/48.

College of Engineering, Guindy,
 Madras-15, Dated: 25th Jan. 1949.



To
 The Secretary to Government,
 Education & Public Health Department,
 Fort St. George,
 MADRAS.

Sir,

Sub: Standing Advisory Board for Technical Education -
 Committee on Technical Education.

Ref: Your Memorandum No. 7031-A-3/48-A Edn. dated 6-1-1949.

5469

*E.P.H. (A)
 This may be
 one over
 till the
 Standing
 Advisory Bd.
 considers the
 matter.
 26-1-49
 27/1/49*

The Committee appointed by the Standing Advisory Board for Technical Education to collect statistics of technical personnel required in the Province met on 30-11-1948. A copy of the Proceedings of the meeting of the Committee is enclosed for your reference. It was expected that this matter would be considered by the Standing Advisory Board for Technical Education at its meeting held on 1-12-1948. But, it was not considered by the Board as there was only time to consider item (1) of the Agenda, viz., the Recommendations of the Special Committee for reduction of the duration of the courses of study and improving the efficiency of technical institutions. The next meeting of the Board is expected to be held by the end of this month or early in February, when this matter will be placed before them. The deliberations of the Board will be duly communicated to you as soon as it has considered this subject.

P. Paul
 25/1/49
 PRINCIPAL.

Enc. (1)

Copy submitted to the Director of Public Instruction, Madras for information.

26

(15) 27

Office of the Chief Engineer, P.W.D.
(General).

Note by the Chief Engineer (General) on item 2 of the
Agenda for the meeting of the Standing Advisory Board for
Technical Education to be held on 1st December 1948.

In continuation of the Secretary's note, a meeting of
the Committee constituted for this purpose was held in the
office of the Chief Engineer, P.W.D. On 29--11--1948, at
which Sri Rao Bahadur G. Sundaram, Lt. Col. S. Paul, Mr. P. Govinda
Menon and the Chief Engineer (General) were present.

2). The replies received from ten employers is tabu-
lated in Statement A. Significant omissions were the absence
of the report of the Chief Engineer (Highways) and the South
Indian and M.&S.M. Railways, who are large employers of techni-
cal personnel in this Province. The position as revealed by
the replies received was discussed. The number of candidates
expected to be available from the Engineering Colleges and the
Polytechnic in regard to the Degree holders and subordinates of
Overseer or Licentiate Class was roughly worked out.

3). The position as it appears from these is that
the arrangements made for the training of the Engineers and
the Overseers are generally adequate, taken over a period of
five to seven years from 1949. The demands for technical
personnel, it must be noted, are absolutely tentative and de-
pend on Govt's policy in implementing the programmes under
Irrigation, Water Supply and Drainage and in all Public Works
and Hydro Electric Projects. If there is a contraction of
the programme, the demands will be reduced and if there

is

is a very aggressive programme, the production may require to be supplemented. Further examination of this matter will be continued after receipt of replies from some of the 34 employers who have not replied, against the number of 52 to whom the questionnaire was sent.

4) The Committee also discussed the question of suitable training for members of the Artisan class. In Mechanical and Electrical Engineering, there are some facilities available in various Workshops and in firms to take trade apprentices in the regular profession, but no proper facilities for necessary theoretical instruction or special training by master-craftsmen ~~xxx~~ in each trade appear to exist. The apprentices appear to pick up their knowledge in the course of their work with other workmen employed in these firms, workshops and factories. The whole thing has got to be put on a better and ~~xxxxxx~~ co-ordinated basis after a full study of the existing conditions. Provision for Payment to a large number of apprentices in Govt. institutions should also be made to attract the right type of lads and in the case of private institutions, suitable subsidies will have to be granted. Apart from this, evening classes or day classes for some days in a week should be held to give the apprentices a course of technical instruction and examinations also instituted, so that candidates who attain particular minimum standards to qualify for the practice of an artisan's profession like a Fitter, Blacksmith, Wireman and so on may be granted certificates by a Board of Examiners similar to Boiler men's certificates. Some facilities of this kind for theoretical instruction exist in the Polytechnics, but they have to be greatly amplified.

5) In the matter of Civil Engineering, there is

Superseded by Statement on p 39 upa - 33

(17)

STATEMENT "A"

Statement showing requirements of technical personnel of various categories by different employers.

S1. No.	Name.	Degree holders. (Engineers)	Sub Engg. staff. (Licen- tiates).	Artisans.	Total	Remarks.
1.	2.	3.	4.	5.	6.	7.
1.	Messrs. Burma Shell & Co.	4	7	39	50	For the next 10 years.
2.	The Chief Engineer (Special)	492	374	122	988	For the next 6 years.
3.	The Port Trust.	45	151	6	202	For the next 7 years.
4.	Sanitary Engineer to Government.	185	220		405	do. 7 do.
5.	The Chief Conservator of Forests.		45		45	do. 7 do.
6.	The College of Engineering Kakinada.	14	10	10	34	1949-50.
7.	The Tata Iron & Steel Co.	15		150	160	For the next 5 years. (It is stated that they have started a special training scheme for training 100 to 150 skilled artisans etc.)
8.	The Chief Engineer (Electricity).	527	613	697	1337	For the next 7 years.
9.	The Director of Industries & Commerce	230 *	249 *	1243 @	1722	*For the next 4 years. @For the next 7 years.
10.	The Chief Engineer (General)	(1) 203	273		476	For next 7 years under
		(2) 420	583		1008	or present tempo of activity. OR
		(3) 1140	1444		2534	or medium tempo of activity. OR
						or aggressive tempo of activity.

19 35 E.P.H.(A)

Memo No. 7031A-4/48A Edm dated 26-2-49

Sub. Standing Advisory Bd. for Techl. edu.
report of the
Committee on Techl. edu. personnel.

ap 2507. c no. 5469 from the Principal, Engg. college, Grindy
No. ABTE/4 R d. 25-1-49.

26/2

The Principal, Engg. college
Grindy is requested to state whether
the matter was placed before the
Standing Advisory Bd. for Techl. edu.
and considered by it at its recent
meeting.

To the Principal, Engg.
College Grindy.

24/2

24.2.49

25/2/49

26/4/49

From: Mr. A. R. Venkatachari, Chairman of the Committee on Technical Education, Fort St. George, Madras.

Subject: Standing Advisory Board for Technical Education - Report of the Committee on Technical Personnel.

ABTE/49.

To

The Secretary to Government,
Education & Public Health Department,
Fort St. George,
MADRAS.

Sir,

18068

Sub: Standing Advisory Board for Technical Education-Report of the Committee on Technical personnel.

Ref: Your Memorandum No. 7031-A-4/48 dated 26--2--1949.

The replies received from 19 employers to the Questionnaire sent to them, were tabulated and considered at a meeting of the Committee held on 5-2-49 in the P.W.D., Library Hall, Chepauk. While reviewing the figures, the Committee found that there has been no uniform standard of assessment and levelled down these figures to a uniform standard. The general conclusion of the Committee was that 300 Engineers, 600 Overseers and subordinate class people and about 900 to 1000 Artisans would be required for the various Projects and other works of the Government and private enterprises in the Province every year. When this matter was considered by the Standing Advisory Board for Technical Education at its meeting on 7-2-49 as item (2) of the Agenda, Sri A.R. Venkatachari, Chairman of the Committee, reviewing the work of the committee stated that as there was no uniform standard of assessment, the Committee levelled down the figures so far received from the various employers, to a uniform standard. He also stated that every year, about 300 Engineers, 600 Overseers and other subordinate class people and about 900 to 1000 Artisans would be required, and from the figures received uptill now, which have

College of Engineering, Guindy,
Madras-15, Dated: 7th March 1949.



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-2-
been levelled down to a uniform standard as mentioned above, which it would appear that the supplies and demand as at present are about equal and that the existing arrangements for training the various categories of technical personnel will be adequate, except for the Artisan class type of whom the Province may need in larger numbers. At the suggestion of the Hon'ble Minister for Education, it was resolved that the figures given by Sri Venkatachari be recorded.

K
p 39-1a
p 33a
present
I am enclosing a copy of the Statement of requirements of technical personnel, which has been revised in the light of the discussions that took place at the meeting of the Committee on 5-2-49 as mentioned above. This supercedes the list that was sent to you along with this office letter ABTE/49 dated 25-1-49.

S. Paul
2/3/49
PRINCIPAL.

Copy submitted to the Director of Public Instruction, Madras.

Enc. 1.

39

(20)

Revised Statement showing requirements of technical personnel of various categories by different employers.

S.No.	Name.	Degree holders. (Engineers).	Sub Engg. staff. (Licentiates).	Artisans.	Total.	Remarks.
1.	Messrs.Burmah Shell & Co.	4	7	39	50	For the next 10 years.
2.	Chief Conservator of Forests.	-	45	-	45	For the next 7 years.
3.	College of Engineering, Kakinada.	14	10	10	34	1949-50.
4.	The Tata Iron & Steel Co.	15	-	150	165	For the next 5 years.
5.	Director of Industries & Commerce.	230*	249*	1243	1722	* For the next 4 years.
						% For the next 7 years.
6.	Director of Town Planning.	92	886	127	1105	
7.	M/s Gannon Dunkerley.	28	133	-	161	For the next 7 years.
8.	Revenue Department.	4	456	365	825	For the next 7 years.
9.	M. & S.M.Railway.	14	75	90	179	For the next 7 years.
10.	Madras City Improvement Trust.	179	191	623	993	For the next 7 years.
11.	Director of Agriculture.	50	-	150	200	For the next 5 years.
12.	All India Radio.	30	-	-	30	For the next 5 years.
13.	Sanitary Engineer to Government.	35	50	-	85	For the next 7 years.
14.	Madras Port Trust.	45	151	6	202	For the next 7 years.
15.	Anantapur Engineering College.	6	24	30	60	For the next 7 years.
		746	2277	2833	5856	
<u>Public Works Departments.</u>						
16.	Chief Engineer (General).	420	588	-	1008	For the next 7 years.
17.	Chief Engineer (Special).	412	280	122	814	For the next 7 years.
18.	Chief Engineer (Highways).	519	148	48	715	For the next 5 years.
19.	Chief Engineer (Electricity).	325	586	373	1284	
		2422	3879	3376	9677	
<u>Doubtful(?)</u>						
20.	Transport Officer, Govt. Bus Service.	2	21	2500	2523	
		2424	3900	5876	12200	

Extract from the minutes of the Fourth Meeting
of the Standing Board for Technical Education held
at 2-30 P.M. on 7th February 1949

XXX

XXXX

Item (2) of the Agenda, viz., "STATISTICS OF
TECHNICAL PERSONNEL REQUIRED IN THE PROVINCE", was
then taken up for consideration. Sri A.R.Venkatachari,
Chairman of the Committee appointed for this purpose
reviewed the work done by the Committee and stated
in conclusion that taking everything into consideration
the supply of technical personnel and the demand
seemed to be about the same at the present moment,
and that the existing arrangements seemed to be ade-
quate except perhaps for the Artisan class. The
Board accepted the figures given by Mr.Venkatachari
and resolved that this may be recorded.

XXX

XXX

XXX

-E.P.4.(A)

(B) This may be added to G.O.No. 738 Edu. d. 16-3-49.

6
29.4.49.

done
30/4/49

Original in
C.No. 85926/48A

28445A

with (B) 39 of

Secretary, E. & P.H.

23

Please see herewith the papers in connection with the proceedings of the meeting of the Standing Advisory Board of Technical Education held on the 24th January '48. In pursuance of the resolution of the Board asking the Chairman to appoint a Committee for collecting statistics of the technical personnel necessary for the province in the next five years, I appoint the following as members of the Committee:

1. Sri A.R.Venkata Acharya, Chief Engineer (General, Irrigation and Buildings & Defence)
2. Sri G.Sundaram, Chief Engineer for Electricity.
3. Sri T.M.S.Mani, I.C.S., Director of Industries & Commerce.
4. Sri N.S.Varadachari, M.L.A.
5. Dr. J.J.Rudra, Principal of the Engineering College, Secretary.

Dr. Rudra may be the Convenor of the Committee. The reference may be (1) to the Committee to collect statistics of technical personnel necessary for this province in the various departments of life including Industries, Agriculture, Sanitary Engineering, Village water-works, etc., and

(2) To issue a suitable questionnaire if necessary and take such other steps for that purpose.

15A

30-1-48

H.M. Education.



(A)

In G.O. No. 1829 Edu of 19.8.47 and No. 2565 Edu of 29.11.47, the Govt constituted a Standing Advisory Board for Technical Edu. The Board held its first meeting on 24.1.48 and passed a resolution requesting the Chairman to constitute a sub-committee. The sub-committee will naturally report to the Board and the Govt will ~~consider~~ ^{examine} only the Board's recommendations. The constitution of the sub-committee is an internal matter and it would seem more appropriate if the Chair of the Board himself takes action for the constitution of the sub-committee.

It may be mentioned here that the Govt previously constituted an Expert Committee to advise them on matters relating to Eng colleges and that the Expert Committee constituted a sub-committee for higher secondary without reference to Govt.

It is for order whether in these circumstances

...this note may be sent to the Principal of the Eng college, who is the Secy. of the Board, for necessary action.

If however H.M. (Edu) decides that orders should go out, from the Secy: the necessary draft to be subd.

A report of the Proecs of the meeting has not been received from the Secy.

JBM
1/2/48 S / 1/4/48 Mr. (G...)

The orders may go out from the Secretary himself.

15A
2-2-48

A draft memo is submitted for approval. It is not clear whether any time limit should be fixed, within which the Sub Committee should submit its report. For orders as to circulation on this point,

~~as the Secy is not the Chairman of the Committee~~ presumed that the Committee will elect its Chairman at its first meeting and that if any time limit is necessary, it should be fixed by the Board.

JBM
1/2/48 S / 1/5/48

[Issued as Memo No. 7031A-1/48 A Edu. d. 5.2.48.]
c.no. 13877 From the D. of I. & C. No. 5055 C3/41 d. 24.2.48.

Please see the letter of the D. of I. & C. on p 30 f. A draft memo is submitted for approval. The file may be circulated to H.M. (Edu) for approval of the draft is issued.

27.2.48
JBM
1/2/48 S / 1/11/48 Mr. (G...)

[Issued as Memo No. 7031A-2/48 A Edu. d. 15.3.48]



7031A/48

Extract of the minute of H.M. (Edu) in file bearing c.no. 78920A/48.

x x x x Mr. Rudra was a member of the Committee. Now that he has left our services, Mr. Paul, I think, is doing that work. I would like to know whether any attempts have been made to collect statistics about the types of persons that we require. If not, he may be asked to go into the matter and take necessary steps to find out the number of people that we want for the various types of technical personnel.

T.S.A.
5.7.48.

Extract of office note:

x x x x w.r.t. the minutes of H.M. (Edu), a draft memo to the Principal, Engg. College, Grindy is subd. for approval. x x x.

J.B.M.
24.7.48.

p 7 c f. [Issued as Memo No. 78920A/47-8 A Edu. d. 26.7.48]

p 9 c f. c.no. 61046 From the Principal, Engg. college, Grindy ABTE/48 d. 13.8.48.

Please see the letter from the Principal, Engg. college, Grindy on p 9 c f. The file may be circulated to H.M. (Edu) for information, w.r.t. his minutes extracted above. (The Principal may be reminded on 21.9.48.)

20.8.48 / 21/8/48

JBM
23/8/48 S / 1/11/48 Mr. (G...)

15A
28.8.48



P.T.O

7031A/48

C.no. 70783 from the Principal, Engg. College, Guindy, ABTE/48 dated 21.9.48

Please see the letter of the Principal, Engg. College, Guindy, on p11c. He may be reminded on 24.10.48, if necessary.

H.M. (Edn.) may see the letter. The Govt of India have sent certain figures of the technical personnel required during the next five years and it is proposed to make these figures available to the Standing Advisory Board of Tech. Edu.

23.9.48

1/10/48
24/9/48

DM
25/9/48

W
21/10/48

And not for Tech. Edu.

TSA

7.10.48

C.no. 74762 from the Principal, Engg. College, Guindy No. ABTE/48 d. 7.10.48

Please see the letter d. 7.10.48 from the Principal, Engg. College, Guindy. He may be reminded, if necessary, on 7.12.48.

5.11.48

from the Principal, Engg. College, Guindy, ABTE/48 dated 25.1.49 and 7.3.49

The letters from the Principal, Engg. College, Guindy, d. 25.1.49 and 7.3.49 and the enclosures thereto may be perused. No further action is called for in this file. These papers may be recorded. H.M. (Edn.) may see.

7.3.49

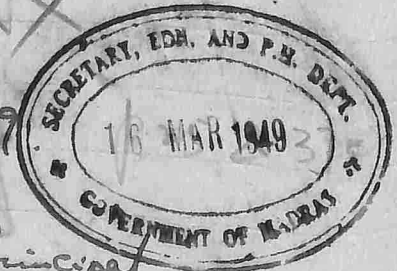
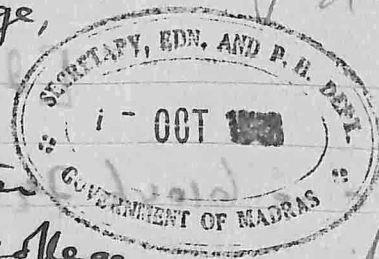
DM
9/11/48

W
11/11/48

G.O. 338 Edn
16-3-49

TSA

5.2.49



Technical ad...
Bureaucrats...
Personnel...
In the...
Deliberation...
Committee...
by the...

23