

(T)

done

12/12

E.P.H. Dept

G.O. No. 3236 Edm.

(3)

dated 24-10-49.

3236

O.M.S.

copy for file

Sub: Colleges & Govt. Engg. Colleges - Opening of
Science Courses - Orders passed.

.. PS. 5.

2

Math
Science
Branch

Very urgent

Enob. No 53899c/45. 162n. 8 29.11.45

(M)

Edn and P.H. Dept

Letter of 14. 11. 45 from Sri. G. D. Naidu,
Managing Agent, United Motors (Bombay),
Arthur Hope College of Technology, Bombay
courses.

Referred to the D.P.G. for very urgent

remarks.

To The D.P.G. (with copy of letter)
15/11/45
28/11/45
29.11.45

29/11/45

Re: 10/12/45

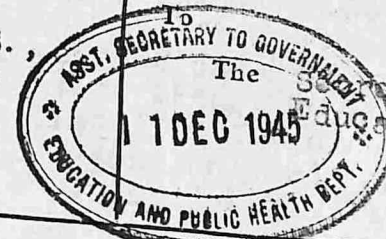
34

C.F. 32 (a).

EDUCATION Department

From (Name) Dr. S. R. U. Savor, M.A., D.Sc., I.E.S.,
Designation Director of Public Instruction,
Station Madras.

Received Registered



Assistant Secretary to Government,
Education and Public Health
Department,
Madras.

Enclosures:

R.O.C No. 327-A/45

dated 6th December 1945.

Sir,

Sub: Additional courses in Arthur Hope College of Technology, Coimbatore.

56336 p. 2
auth

With reference to Government Endt. No. 53890-c-45-1
Edn., dated 29-11-45, I have the honour to state as follows:

I had a discussion with Dr. Rudra and Mr. G.D. Naidu on the above question. Dr. Rudra had already addressed me on the question of strengthening the science courses in Arthur Hope College of Technology. I entirely agree with both that the new college should have all the fundamental sciences - Mathematics, Physics, Chemistry, Zoology, Botany, Geology - and also Industrial Economics - taught in the College so that it may later on become nucleus of a University at Coimbatore.

2 At a conference which I had with the Director of Agriculture and the Chief Conservator of Forests it was agreed that if the college were to be located to the North of the Forest College where about 250 acres of land are vacant, the Agricultural College and the Forest College to the extent possible, can co-operate with each other in having the first

6
: 2 :
first year science courses more or less common

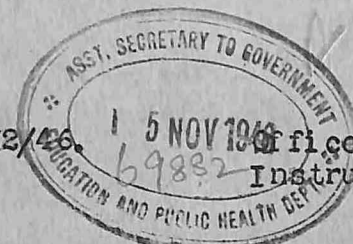
3 As soon as the Government pass orders on the question of provision for the teaching of fundamental sciences in the Arthur Hope College of Technology, I will take up the question of buildings for the College and also submit detailed proposals for the courses and the staff and equipment.

M. S. Ramani
10.12.45 -
for Director of Public Instruction.

RVR 10/12/-

sol
10/12

R.C.No.9690 K2/46.



Office of the Director of Public Instruction, Madras, dated 12-11-46.

From

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

To

The Secretary to Government,
Education & Public Health Department, Madras.

Sir,

Sub: Arthur Hope College of Technology, Coimbatore - Opening of a science courses.

Ref: Govt. Endt. No. 53890 C/45-1, Education, dated 29-11-45 &
My reply R.C. No. 327 N/45, dated 6-12-45. *pp 5-6 ante*

I have the honour to request the favour of early orders of Government on my letter referred to above.

2. In G.O. No. 1943, Education, dated 11-10-46 Govt. have already issued orders selecting the site for the construction of buildings for the College. As the construction of buildings has to be designed on the course of studies. I request the favour of early orders on the proposal to open science course also.

TRB.14/10

sol
14/11

S. Ramani
for Director of Public Instruction.

109
22/6

U.O. Note No. 53890 A/45-3 Ednd 23-9-45
Sub A.H. College of Technology, Coimbatore
Planning of Science subjects.

Ref Court U.O. No. 53890 A/45-2 Ednd 25-1-45

The DPT may be requested to expedite his reply to the U.O. reference quoted above. The matter has been pending for a very long time.

The DPT ✓
26/6
17/6-47
18/6/47
in writing

[Faint handwritten text in Marathi script, mostly illegible]

①
Education Department.

From
Sri D.S.Reddi, M.A., (Oxon) M.B.E.,
Director of Public Instruction, Madras.
To
The Secretary to Government,
Education & Public Health Department.
R.O.C.No.9690 K2/46, dated 2-7-47.

524885
Sir,

Sub:- Arthur Hope College of Technology, Coimbatore -
opening of science courses.
Ref:- Government U.O. Note No.53890 A/45-3 Edn.,
dated 23-2-47.

I have the honour to state that the plans and estimates for the construction of permanent buildings for the Arthur Hope College, of Technology, Coimbatore had already been prepared by Dr.Rudra, but I have instructed the Principal to place them before the Expert Committee for their views. The views of this Committee have not yet been communicated to me. The Principal has been reminded on the subject and the particulars called for by Government will be submitted as soon as a reply is received.

pkc.4/7
5/7

for Director of Public Instruction.
E.A.H.(A.)
Re D.P.G. may
be reminded
on 10.8.47
13/7/47

R.C.NO.9690-K.2/46

Office of the
Director of Public Instruction
Madras, Dated 12-7-1947

From

Sri D.S.Reddi, M.A.(Oxon), M.B.E.,
Director of Public Instruction, Madras

To

The Secretary to Government,
Education and Public Health Department.

Sir,

Sub: Arthur Hope College of Technology, Coimbatore - Opening
of science courses
Ref: Govt. U.O.Note No.53890-A/45-3 Edn dated 23-6-47 and my
letter RC.No.9690-K.2/46 dated 2-7-47

At their meeting held on 7-6-1947 the Expert Committee
have referred the plans and estimates for the new Engineering
Colleges to the Buildings and equipment Sub Committee. The re-
commendations of the Sub Committee will be considered by the
Expert Committee at their meeting to be held on 9-8-47. I shall
submit a further report when the views of the Expert Committee
are communicated to me.

For Director of Public Instruction
E.P.H.(A)

RVR 14/7/-

Re D.P.I. may be reminded next
on 10.8.47.

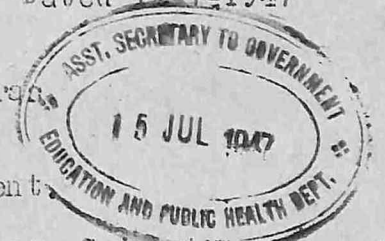
sd/
14/7

16/7/47

17/7/47

80

3/10



[Faint, mostly illegible handwritten text in Devanagari script, likely bleed-through from the reverse side of the page.]

39
22/8
30/8
Memo. No. 53890-4/45A ⁽⁵⁾ Edin dated 22-8-47. E.P.H.(A)
Sub: A.H. college of Technology, Coimbatore -
Opening of science courses -
C-no. 57619 from the D.P.I. 9690-K2 /ub dated 12-7-47.
The D.P.I. is requested to
expedite the submission of the further
report promised in his letter read above.
To the D.P.I.
b
24.8.47 /m
21/8/47
22/8/47

(6) H. 5
 To the Director of the
 A. H. College of Technology, Coimbatore
 For the purpose of opening
 Science Courses.
 The D. P. J. is requested
 to expedite the submission of the further
 report promised in his letter No. 9690-K₂/47
 dated 12.7.47.
 To the D. P. J.
 1.10.47

1.9.47
 1.10.47

Memo. No. 53890-5/45 A Edn dated 4.10.47.
 Sub: A. H. College of Technology, Coimbatore -
 Opening of Science Courses.
 Ref: Memo. No. 53890-4/45 A Edn. dated 22.8.47.

The D. P. J. is requested
 to expedite the submission of the further
 report promised in his letter No. 9690-K₂/47
 dated 12.7.47.

p 30 f.
 To the D. P. J.
 1.10.47

1.10.47

1/1/48

For the detail of the A. H. College of Technology, Coimbatore -
Opening of Science Courses.
From the D.P.G. U.O. No. 9690k₂/46 d. 29.9.47

to the D.P.G. U.O. No. 9690k₂/46 d. 29.9.47
The D.P.G. is requested to state when the further report promised in para 3 of his a.o. note read above may be expected to reach the Govt.

To the D.P.G.

57
2011
p 15 n f c. no. 78785

to the D.P.G.
17.1.48

14
E. P. H. (A)
Memo. No. 53890-L/USA Edn. dated 20.1.48.
Sub. A. H. College of Technology, Coimbatore -
Opening of Science Courses.
From the D.P.G. U.O. No. 9690k₂/46 d. 29.9.47

The D.P.G. is requested to state when the further report promised in para 3 of his a.o. note read above may be expected to reach the Govt.
19/1/48

15

Handwritten text in Devanagari script, likely a memorandum or official communication.

Handwritten text in Devanagari script, continuing the memorandum or official communication.

28/8/58

8/1

1.9.58

16

6/3

Handwritten notes and signatures in the left margin of the right page.

To Mr D.P.J.

Mem. No. 53890-7/45A Educated 6-3-48.
Sub: A.K. College of Technology, Coimbatore - Opening of Science Courses.
Ref: Mem. No. 53890-6/45A Educ. d-20.1.48.

The D.P.J. is requested to submit expeditiously to the Govt. the further report promised in para 3 of his No. 9690K₂/ubd. 29.9.47.

6/5-3-48

Handwritten signature or initials.

17

31/12/47

and then consider the question of transfer

Certainly we may first get D.P.G. summary

to that section for necessary action.

is dealt with in 3rd section. This may be transferred

subject matter related to Universities, which

the 3rd, Ministry of Edu. on p.c.f. No.

Please see the letter from

picg. c.no. 98858 from the 3rd, Dept. of Edu. No. 93-97/47-E.I. d. 12-12-47.

Capitalization fees.

Sub. u.c.s. - Refugee students from Pakistan - delay.

E. P. H. (A)

C.F. 32.

Education.

Department

From (Name) Sri D.S.Reddi, M.A. (Oxen)

Received

Registered

To

Designation Director of Public Instruction.

Station

Madras.

The Secretary to Government,
Education & Public Health Dept.,
Fort St. George,
Madras. 9.

Enclosures:

No. PC. 9690.K.2/46. dated 15-3-1948. 194

Sir,

Sub: Arthur Hope College of Technology
Coimbatore - opening of Science
Courses.

Ref: Government Memorandum No. 53890-7/45-1
Education, dated 6-3-1948.

I have the honour to state that the final
recommendation of the Sub Committee's have not yet been received
from the Principal, College of Engineering, Guindy. The report
will be submitted to Government on receipt. He is being reminded.

E. P. H. (A)

The D.P.G. may be
reminded next on

20.4.48

For Director of Public Instruction.

Gr. 15.3.

22/8/48

20/8/48

3/5/48

19

20 E.A.H(A)
Memo. No. 53890-8/45 A Edu dated 27-4-48.
Sub: A.H. college of Technology, Coimbatore -
Opening of Science Courses.
p180 f c.no. 19983 From the D.P.I. No. 9690K, sub d. 15.3.48.

296
28/4
To the D.P.I.
RPS
26-5-48
The D.P.I. is requested
to expedite the further report promised
in his letter read above.
26.4.48
27/4/48

Note for circulation to the Members.
 Sub: College - Queen Mary's, Madras - Constn.
 of a dining hall and kitchen block for the
 hotel -
 It is reported to govt.
 that existing dining hall and kitchen of the
 Queen Mary's College, Madras is not
 sufficient for the accommodation of the
 several reports and that the accommodation
 offered by it is also inadequate. In
 C.F. 100, in consultation with the Principal
 and the D.P.J., submitted proposals for
 existing structures at an estimated cost
 of Rs. 3,00,000 - and for the construction
 of a new dining hall and kitchen at an estimated
 cost of Rs. 80,000. Total cost Rs. 3,80,000.
 The above proposals are being considered by the
 Government.

C.F. 32 (a).

Department
 From (Name) Sri. D.S. Reddi, M.A. (OXON)
 Designation Director of Public In-
 struction,
 Station MADRAS.

Received
 18 MAY 1948
 Registered

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

Enclosures: Rec. No. 9690-K2/46 dated 9-5-1948.

Sir, SUB:- Arthur Hope College of Technology,
 COIMBATORE - Opening of Science Courses.

REF:- Govt. Memo No. 53890-8/45-A Education dated 27-4-48.

 I shall submit my reply as soon as a report is
 received from the Principal, College of Engineering, GUINDY,
 who has been reminded in the matter.

FOR DIRECTOR OF PUBLIC INSTRUCTION.

MDS 11/5

SSP 11/5

The D.P.J. may be reminded
 next on 24.6.48.

17/5/48
 15/5/48

C.F. 32.

EDUCATION DEPARTMENT.

In reply, please quote number, date and short title.*

Received _____ Registered _____

From (Name) THE DIRECTOR OF PUBLIC INSTRUCTION,
(Designation)

Post Box _____, (STATION) MADRAS.

Telegraphic Address 'INSTRUCTION'.

To

The Secretary to the Government of Madras,
Education and Public Health Department,
Fort St. George, Madras.
ROG. No. 9690-K2/46 dated 16th August 1948.

Sir,

Arthur Hope College of Technology, Coimbatore--
Opening of science courses.
Reference: Government Memorandum No. 55890-8/45-A
Education dated 27.4.1948. *pro ante*

ENCLOSURES _____

SPARE COPIES _____

I have the honour to enclose herewith a copy of letter from the Principal, College of Engineering, Guindy, R.C.No. 55-SK/48 dated 25.7.48 on the subject mentioned above. As suggested by the Principal the question may be referred to the Standing Advisory Board for Technical Education and their views obtained. I request orders whether the Principal who is the Secretary of the Board may be asked to include the subject in the agenda for the next meeting of the Board.

ks. 22-8. For Director of Public Instruction

Copy of letter R.C.No. 55-SK/48 dated 25th July 1948 from the Principal, College of Engineering, Guindy to the Director of Public Instruction, Madras.

Arthur Hope College of Technology, Coimbatore--Opening of Science courses.

Ref: Your Proceedings Rog. No. 9690-K2/46 dated 29th September 1947 and 9.5.1948 and T.M. dated 2.7.1948.

The Sub-Committee of the defunct Expert Committee consisted of the following Members:-
Dr. J. J. Rudra, 2. Prof. A. Viswanath, 3. Prof. V. H. Sadarangani,
4. Lt. Col. S. Paul, 5. Dr. K. Sukumaran, 6. Sri N. S. Krishnaswami Iyerengar
7. Sri T. N. Muthuswami, 8. Dr. B. S. Srikanthan and 9. Sri S. Ramamurthi.

There are no records available about the findings of this Sub-Committee in this office. As far as I can recollect, this Sub-Committee met twice in 1947. The opening of Science courses in an Engineering College was accepted in principle for all the Engineering Colleges by the members of the Sub-Committee except Prof. A. Viswanath and Prof. V. H. Sadarangani. They insisted that their objection should be recorded. The remaining members of the Sub-Committee were of the opinion that as the Engineering Colleges were obliged to have a Physics and Chemistry Department for the first year students of the Engineering Colleges and as it was used only for a few periods in the week, it could advantageously be used to its full capacity if B.Sc. students are also admitted in Engineering Colleges. This procedure will certainly minimise expenditure to the Government in opening new colleges for increased admission into science courses or for expanding the existing ones.

candidates. Tentative plans were therefore drawn up in collaboration with the Consulting Architect who was present by invitation. The accompanying plan of the main block which has been obtained recently from the Consulting Architect is herewith sent for your kind perusal. It will be seen that the drawing has not been fully completed, but represents in a general way the arrangements of laboratories and class rooms in the main building. Provision has been made in the ground floor for a Chemistry Laboratory, Lecture Halls and part of the Geology Department, and in the first floor for more Lecture Halls, Physics Laboratory and the rest of the Geology Laboratory, thus accepting in principle that all Engineering Colleges ~~in~~ should take in B.Sc. candidates.

Subsequent to the meetings of the Expert Sub-Committee of the defunct Expert Committee, the Standing Advisory Board for Technical Education has been instituted in this Province. In the first meeting of this Advisory Board, it was more or less conclusively proved that Engineers of all categories will be in great demand during the course of the next five years in this Province and the Engineering Colleges now constituted in this Province could not meet the anticipated demand. A copy of the proceedings of the first meeting of this Advisory Board is enclosed herewith your ready reference. If now when there is such a demand for Engineers, laboratories, lecture rooms, hostel accommodation and other necessary buildings and equipment are partly used in an Engineering College for the purpose of training Science candidates, it would not be in the best interests of this Presidency. If on the other hand, this accommodation can be utilised for training more Engineers and specialised Engineers and the admissions to each college are correspondingly increased it would be serving a real need of this Presidency. Science graduates can be turned out in the existing Science colleges. If more Science candidates have to be admitted into Colleges, Government may consider the feasibility of expanding the existing science colleges or opening new Science Colleges. The cost of opening a Science College would be very much less than that of opening an Engineering College. I would therefore suggest that the opening of B.Sc. courses in Engineering Colleges be deferred and the matter referred to an expert body like the Standing Advisory Board for Technical Education or to the Special Committee appointed by the Standing Advisory Board for Technical Education.

The Engineering College, Guindy has Physics, Chemistry and Geology Departments. The first year syllabus of the Engineer course has Physics and Chemistry as important subjects for that year. Physics Laboratory and Chemistry laboratory form part of the college building and equipment. It would be perhaps more economical to the Government if the first year students of the Engineering College have only lectures conducted at the Engineering College and their practical work arranged for in any Science College nearby. The Geology syllabus for the third year Engineering students of the Civil branch and the final year students of the Highway Branch can be conducted in the Engineering Colleges with an attached laboratory. The cost of the equipment for a Geology Laboratory is very small compared to that of the Physics and Chemistry laboratories. This is the only Department outside of Engineering Laboratories which should be there in an Engineering College.

2. Under the circumstances explained above, I would repeat that the whole question may be referred to an Expert body as previously recommended.

/True copy/.

P. M. i

For Director of Public Instruction.

Memo. No. 53890-9/45A Edu dated 17-9-48. (1) 26 -8.4H(A)

Sub: A.H. college of Technology, Coimbatore.

Science Courses - Opening of

From the D.P.G. No. 9690-K₂/ubd. 16-8-48.

particularly in the Arthur Hope college of Technology, Coimbatore

To the D.P.G.

The Govt. accept the suggestion that the question of opening Science Courses in the Engg. Colleges may be referred to the Standing Advisory Board for Techn. Edu.; and the D.P.G. is requested to instruct the Principal, Engg. college, Guindy to include the subject in the agenda for the next meeting of the Board and report the result to the Govt.

15.9.48

17/9/48

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The first receipt for the
 purchase of the property of the
 company was made on the 1st of
 January 1861. The property was
 then valued at \$100,000. The
 company was then organized and
 the first meeting of the board of
 directors was held on the 1st of
 February 1861. The first meeting
 of the stockholders was held on
 the 1st of March 1861. The first
 meeting of the board of directors
 was held on the 1st of April 1861.

8v

10. 2. 2. 2. 2. 2.

12607

~~Done~~
~~10/10~~
~~27.11.18~~

6 Me. D. P. 9.
Principal, Engg
College, Grindy
(with copy pp 26 of.

Memo. No. 53890-10 / 45A Edu dated 27-11-48.
Sub: A. H. College of Technology, Coimbatore -
Science Courses - Opening of.
Ref: Memo. No. 53890-9 / 45A Edu. d. 17-9-48.

The D.P.G. is requested to see that the matter is placed before the Standing Advisory Bd. for Techn. Ed. at its meeting on 1-12-48, if possible; and report the result to the Govt.

27/11/2018

$$\frac{10m}{26} \mid \frac{11}{14}$$

College of Engineering, Guindy,
Madras-15, Dated: 30th Nov. 1948.

The Secretary to Government,
Education and P.H. Department,
Fort St. George,
MADRAS.

Sub: Arthur Hope College of Technology, Coimbatore - Science
courses - Opening of.

Ref: Your Memorandum No. 53890-10/48-A-Education, dated 27th November 1948 addressed to the Director of Public Instruction, and copy to me.

The matter has already been included in the Agenda for the Standing Advisory Board's meeting to be held on 1st December 1948, as item (3). I have already sent to you on 26-11-1948 copies of the Agenda and notes on the various items of the Agenda.

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

PRINCIPAL.

(H) H. I. 2

T.M. No.

data - 11-48.

To Mr. D. P. G.

Sub: College - Engg. - Friday - Mech. Engg. Dept. -
 Post: Carpenter - Scale of pay.
 Let: From 0.5.87.11.2.29.10.48.

Please pay fully to
scale of pay of Rs 40-65 suggested by you
at the post of Carpenter in the Sanctioned
of the Mech. Engg. Dept. of the Engg. College,
Gundlupur. Memo No. 54325-2/487 to A. D. 16.9.48

for the North. Eng. Dept. of the Eng. College,
Grundy in New o. No. 54325-2/487 to a. d. 169.48

xxx

xxx

xxx

Item (3) of the Agenda, viz., "OPENING OF SCIENCE COURSES IN THE ARTHUR HOPE COLLEGE OF TECHNOLOGY, COIMBATORE" was next taken up for consideration. After some discussion, the Board agreed that the question might be examined not merely with regard to the Arthur Hope College of Technology, but with regard to all the Engineering Colleges in the Presidency. Messrs. A. Viswanatha, Col. Paul, and Mr. T. M. S. Mani took part in the discussion. The Board approved the suggestion that wherever possible, B.Sc. courses and courses in Applied Science may be instituted in Engineering Colleges.

xxx

xxx

xxx

Original in
C-60.85928/18
28443A

Sub: Colleges - ~~Engg~~ ^{Art.} College of Technology, Coimbatore
Opening of Science Courses.

Ref: ~~fr~~ on the D.P.9. Ng. 9690. k₂/ub 2.16.8-48.

Memo. No. 53890-9 / 45 A Edm. d. 17.9.48.

The D.P.G. is informed

that the Standing Advisory Board for Technical Edn. Considered the question of opening Science Courses w.r.t. all Engg. colleges at its meeting on 7-2-49 and has decided that, wherever possible, B.Sc. Courses and Courses in Applied Science ^{might} ~~may~~ be instituted in Engg. colleges. The Director is requested to offer his remarks in the matter at an early date.

$$\frac{6}{29-44-49} \quad \frac{1}{23} \quad \frac{4}{45} \quad \frac{2}{5}$$

34

3420/11-09852

29/3307
9/8

To Mr D.P.G.

Mr 8/10/8

35

E.P.H.(A)

Mem. No. 53890-12/45A dated 6-8-49.

Sub. Colleges - A.H. college of Technology,
Coimbatore - Opening of Science Courses.

Ref: Mem. No. 53890-11/45A d. 2.5.49.

The D.P.G. is requested
to expedite his reply to the memo
read above.

1
5.8.49

mm
6/8/49

Office of the
Director of Public Instruction
Madras, dated, 18th Aug. 1949.

The Director of Public Instruction
Madras.

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

Subject:- COLLEGES -- Arthur Hope College of
Technology -- Coimbatore -- Opening
of science courses.

Reference:- Government Memo. No.53890-12/45 A
Edn., dated 6-8-1949.

A reply will be submitted to Government on receipt of the remarks of the Principal, College of Engineering, Kakinada in the matter.

Yours faithfully

For Director of Public Instruction.

SJ/19/8.

19/8

E. P. H. (A)

He D.P. 9. maybe reminded
on 25.9.49 if necessary.

24.8.49.

23 AUG 1949
62965

4. A non-accounting expense of Rs 500/- per annum equipment of each clinic will also be necessary.

The total cost to Govt. on account of proposals made by me is Rs 7,500/- annually. The extra income in value in the proposal is Rs 600/- brought to be met from 5% of the addl. fee income to Govt. consequent on the increase in the tuition fees payable and the one from medical wastes. The Director considers that the benefit from medical inspection fees is not sufficient to meet the cost of the addl. income to Govt. due to increase of the addl. fee.

In the tuition fees will not be sufficient to cover the expense on the present proposal and that therefor either 10% of the addl. fee income should be set apart for the present purpose, the balance of the extra being met by the Govt. revenue, or that in the alternative the entire expense incurred in the proposal should be met from the excess profit fee income, which may come to about 20%.

Office of the
Director of Public Instruction
Madras, dated, 18th Aug. 1949.

From
The Director of Public Instruction
Madras.

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

To

Subject:- COLLEGES -- Engineering Colleges -- opening
of Science Courses.

Reference:- Government Memo. No. 53890-11/45-A
Edn., dated 2-5-1949.

A reply will be submitted to Government on receipt
of the remarks of the Principal, College of Engineering,
Kakinada in the matter.

Yours faithfully

For Director of Public Instruction.

8/9/49

2/11/49

R.C.No.9690 K2/46

Office of the
Director of Public Instruction
Madras, dated, 12th Sep. 1949.

From
The Director of Public Instruction
Madras.

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

Sir,

Subject:- COLLEGES -- Engineering Colleges -- opening
of Science Courses.

72702
21 SEP 1949
P33ante
PUEI

Reference:- Govt., Memo., No. 53890-11/45-A Edn.,
dated 2-5-1949.

841-45/49

In enclosing herewith copies of letters from the
Principals of the four Government Engineering Colleges
containing their individual remarks on the decision of
the Standing Advisory Board of Technical Education in
regard to the opening of Science Courses in Engineering
Colleges wherever possible, I have the honour to state
that it does not seem desirable to start B.Sc., Courses
in the Engineering Colleges. I agree with the Principals of
Kakinada and Anantapur Engineering Colleges.

Yours faithfully

[Signature]

For Director of Public Instruction.

SJ/14/9.

16/9

2/11/49

40

Copy of letter Rec.No.3-181-A/49 dated 26.5.1949 from the Principal,
College of Engineering, Guindy to the Director of Public Instruction,
Madras.

Ref:-Your Rc.No.9690-E2/46 dated 15.5.1949 regarding opening of Science
course in Engineering Colleges.

This college was shifted to this place from Chepauk in 1920.
Mr.James was the Principal. As originally planned by him, the Science
Department was to be a technical one with Applied Chemistry and Science
courses for the Engineering students. The Head of the Science Department
was the Professor of Chemistry in the I.E.S. - Dr.Dhar - with Physics
and Geology staff. But during the following years, owing to retrenchment,
the science department in this college did not develop fully as conceived
by the Principal, Mr.James - and the post of the I.E.S. in the Chemistry
Department was converted into M.E.S. and subsequently even this Gazetted
post has been converted into S.E.S. But during the time of my predecessor, Dr.
Rudra, proposals were submitted for the opening of science course in the
A.H.College of Technology, Coimbatore, and plans for the construction of
buildings for that college making provision for laboratories etc. were also
drawn up. But after due consideration, the Standing Advisory Board for
Technical Education came to the conclusion that the science courses might be
opened wherever possible.

In foreign countries, Technical institutes and Engineering
Universities have always well developed Science (Physics, Chemistry, Geology
etc.) departments training students upto B.Sc. (Hons.) or M.Sc. classes. The
atmosphere of Scientific and Engineering or applied study have been mutually
beneficial to progress of knowledge enabling the students to get a wider
view of their subjects which is so essential at the present time. But
facilities for having such an atmosphere are lacking in this college. For
introducing the science courses, it has to be considered whether the following
facilities exist:-

- i. Accommodation
- ii. Strength
- iii. Upgrading of the Laboratories in Chemistry and Physics
- iv. Facilities for boarding and lodging.
- v. Staff for teaching allied subjects.

So far as this college is concerned, the strength has increased considerably
year after year so much so that the accommodation is not found sufficient to
meet the demand. Again the 75 1st year students of the A.H.College of
Technology, Coimbatore, who were admitted in this college during 48-49 for
want of accommodation in that college are likely to continue in this college
during 1949-50 also. Further, proposals are being submitted separately for the
opening of an additional overseer class with a strength of 100 during 49-50
in view of the great demand for the personnel of overseers in the various
branches of the P.W.D. and the Revenue Board. The Chemistry and Physics
Laboratories have to be upgraded to a certain extent as they could not be
developed in previous years for the reasons mentioned above. As regards the
hostel accommodation, there is great congestion in the hostel rooms for want
of adequate accommodation, allowing no scope for the admission of extra pupils.
For the introduction of the science courses, provision should also be made for
the teaching of the allied subject of English, as English is not one of the
subjects taught at present in this college. Further, the University
authorities should first be consulted whether the opening of Science courses
in Engineering Colleges would be accepted by them and whether they would
grant the affiliation. Under these circumstances, it is not feasible to
introduce science courses in this college.

/True copy/.

P.T.O.

42
-2-
Copy of letter R.C.No.359-A/49 dated 27.5.1949 from the Principal, College of Engineering, Anantapur to the Director of Public Instruction, Madras.

Sub:-Opening of Science course in the Arthur Hope College of Technology-
Coimbatore and other Engineering Colleges.
Ref:-Your Proceedings R.C.No.9690-K2/46 dated 15.5.1949.

The question of introducing the B.Sc. course in Science in the Engineering Colleges requires further consideration owing to the following reasons and has to be re-examined on the functional and financial implications of the proposal. I am personally of opinion that it is not very desirable to bring together under the same roof the technical and the arts students together in a residential institution in this country. The nature of work for the technical and the science students and their duration differ vitally from one another. This might bring about in the long run difficulties in maintaining discipline in the institutions so much needed in a technical College.

In a technical institution science laboratories are equipped with a bias for instruction in the commercial and industrial aspects whereas in a science college they are entirely different.

When instruction in pure science is brought into close neighbourhood of the instruction in technical subjects sufficient amount of freedom and scope for the concerned members of the staff in charge of the departments to develop and enlarge essential technical bias will be restricted.

Further, without the ~~encroachment~~ encroachment of the arts students in the science laboratories of Engineering Colleges, Technical students with the necessary aptitude will have all the freedom and the facilities for investigating their problems which are becoming day by day on the increase.

In certain situations bringing together pure science and technical students might eclipse to a great extent the importance of the technical institution in favour of an institution for science.

Introduction of the B.Sc. course in science involves the complete provision of instruction and laboratory facilities for teaching Organic Chemistry which is not at all needed for instruction in a technical college. This will be a white elephant to the scheme. While I am greatly in favour of having a strong science department in the Engineering Colleges purely for the benefit of the technical students to stimulate research workers, I am not fully in favour of opening science courses in any Engineering Colleges for reasons enumerated above.

In this connection, I have to state that, at present, instruction in Science to the technical students is in the hands of Non-Gazetted Members of staff. It is highly desirable to have at least lecturer's status to impart Scientific Instruction in the Engineering Colleges and to guide post-graduate and under-graduate students in Engineering whose investigations are often interlinked with the work of a chemical nature.

(True copy).

43
-3-
Copy of letter R.C.No.97 A/49 dated 7-6-49 of the Principal Arthur Hope College of Technology, Coimbatore, to the Director of Public Instruction, Madras.

When this subject was discussed at a meeting of the Standing Advisory Board for Technical Education, I have already pointed out the following:-

That the Physics and Chemistry Laboratories of the Engineering Colleges are equipped only to meet the standards of the Intermediate Classes, i.e. under-graduate classes, as this is all the requirements for the Engineering students. If the B.Sc. Courses in Science are to be provided, the Physics, and Chemistry Laboratories will have to be considerably expanded both in quality and quantity besides augmenting of staff to deal with the different subjects for B.Sc. Courses.

So far as Applied Science Courses are ~~concerned~~ concerned this is quite welcome, and, in fact we have already made provision for Applied Science Courses in Engineering Colleges. Engineering in all its branches in Civil, Electrical, Mechanical, Automotive, Textile, Communication, Highways, Tele-communication, High Frequency Engineering, etc. are all Applied Sciences. We can add additional Science Courses in Industrial Electronics, Nuclear Physics, etc.

44

* education. I would rather prefer to introduce an additional branch of engineering

-4- (2) ces

Copy of letter No.442-A/49 dated 11th June, 1949 from the Principal, College of Engineering, Kakinada to the Director of Public Instruction, Madras.

Sub:- Colleges -- A.H.College of Technology, Coimbatore, Opening of Science Course.

Ref:- Your Proceedings Rc.No.9690-K2/46 dated 15-5-49

The proposal of Advisory Board of Technical Education does not appear to me to be sound for the following reasons.

(i) The attention of the Principal, who will normally be an engineer, will be diverted from his normal legitimate work.

(ii) The time which he will have to devote to the Science course, could be better utilised in developing engineering education.

(iii) The introduction of pure science courses will interfere with the introduction of different types of engineering, say Public Health or Power Engineering rather than to introduce pure B.Sc. in an engineering college.

(iv) Pure science courses could be ~~more~~ more efficiently managed in a Science College than in Engineering College.

(v) Students for B.Sc. courses in an Engineering College may claim preference over students of other colleges and there may be great rush for admissions to such a course in an Engineering College.

There is, however, no objection in starting B.Sc. (Tech) courses such as leather technology, Sugar Technology, Textile Technology or chemical Engineering in an Engineering College.

/True Copy/E

For Director of Public Instruction.

16/6/49

46

102/24-10
p242390f

p390f

To be D.P.

38/c

and
no
new

18.10.49

18/10/49

DM
22/10/49

47 (100)

E.P.H.(A)

sub: colleges- Govt. Engg. Colleges- Opening of
Science Courses- Orders passed.
From the D.P.G. No. 9690K2/46 d. 16.8.48 & 12.9.49.
G.O. Ms. No. 3236 Edu. dated 24-10-49.

The Govt. agree with the
D.P.G. that it is not desirable to open ^{B.Sc.} Science
courses in Engg. Colleges.

Arthur Hope College of Technology, Coimbatore - Opening of B.Sc., courses in the College.
From G.D.Naidu, Managing Agent, United Motors (CBE) Ltd., dated 14th November 1945.

Please see the orders on page 1 c.f. The proposals of Dr. Rudra referred to in the letter have not yet been received in this department. Apparently Dr. Rudra has addressed the D.P.I., in the matter..

The Arthur Hope College of Technology is to pro-

vide instruction in the following courses:—

1. Textile Technology.
2. Automotive Engineering.
3. Electrical Engineering.
4. Civil Engineering.

The proposal to add B.Sc. courses to this college is a new one. There was a proposal to raise the ^{Good} second grade college at Coimbatore to the first grade from the current academic year and to open B.Sc., courses in the college. The proposal involved the construction of additional buildings. In the meanwhile the D.P.I. suggested the opening of a Central Science College ^{at Coimbatore} which would cater to the needs of the Agri-cultural and Forest Colleges also. The Director has been asked to ^{examine} ~~submit~~ proposals in consultation with the Director of Agriculture and Chief Conservator of Forests. The D.P.I.'s final proposals in the matter ~~have~~ not yet been received. Pending ~~the~~ decision on the question of starting a Central Science College the Director has been asked to submit plans and esti-

mates for the construction of addl buildings with a view to open art courses in the second ~~grade~~ college in B.Sc. and ~~forward whether the D.P.I. may be consulted on the present proposal~~

~~The file may be circulated to A₂ and A₃.~~
The D. P. I.'s remarks have

to be called for in the letter. For orders.



A draft endt. is subd.

28/11/45

27/11/45

28/11/45

[Book End. No. 53890C/45. 1801-3 29.11.45]
From the D.O. No. 327/A45 of 12.12.45.

pg 4
pp 5-8

The D.O. agrees with Dr. Rudra and Mr. E.P. Mayade that all the fundamental sciences viz., Mathematics, Physics, Chemistry, Zoology, Botany and Geology and Industrial Economics should be taught in the Arthur Hope College of Technology, Coimbatore with a view to developing the college into a University. The students of the Agricultural and Forest colleges are to take their first year Science courses along with the students of the Arthur Hope college. Apparently, this will take the place of the proposed Central Science College for the starting of which proposals have been called for from the D.O. Separately. ~~The proposed plan for the Central Science College is to be submitted to the D.O. on 15.12.45. It is not yet decided.~~

^{Mr. 21/12/45} As regards the co-operation of the Agricultural and the Forest colleges in the scheme for the central college of science, please see the letters from the Director of Agriculture and the Chief Conservator of Forests on pp 26-28 and 33-38 of the D.O. While the D.A. considers that a common measure of agreement is possible with the B.S.C.A. and the B.S.C. Forest courses be continued for study in the first year of the C.C.F. considers that the central college can be made use of for the Forest college only if some special courses can be arranged for the Forest students.

The Director's present proposal is to have the science subjects in the Arthur Hope college of Technology instead of ~~establishing~~ a separate central college of science. The co-operation of the Agril. college and the Forest college in organising the courses can be available only if the college of Tech. is near the two colleges. The question of site for the college of Tech. is under consideration separately.

GOVERNOR
15-4-46

3

The coll. of Coimbatore, who has been consulted in the matter, has stated that certain lands north east of the Forest college are available but that the Industrial Adviser proposed to recommend to Govt that part of the R.N. Aerodrome at Peelamedu may be used for the college of Technology. Thus the question of site for the new building for the college has not been settled. It seems that the question of strengthening the science courses in the college of Technology depends to a large extent on the location of the college. If the college is close within easy distance of the other colleges in Coimbatore it may be advantageous to provide for all the subjects referred to in the Director's letter. If, however, the college is to be located in Peelamedu, it will be necessary to provide ^{only} for such subjects as Mathematics, Physics and Chemistry and perhaps Industrial Economics, necessary for Engg. students.

For orders.

I agree - 24/12/45
The site question must be settled quickly. 26/12/45
I have further to examine the question with a view to a decision being reached on the location of the college of Technology.

21

GOVERNOR

1266

4

HE wishes to discuss with Mr. Arden has been a change in Adviser, Atty. Gen. H. M.

16/6/46

16/6/46
6/1/46
Atty.

8/7/2

The position is that A2. & Dev. Dept. contend that no portion of the Agricultural College estate can be spared without impairing the work of the college.

P.B.N.F. L.F.I

If 100 acres of land adjoining the Agricultural & Forest colleges, have to be acquired, it will cost 17 lakhs. will require Govt. sanction & will take time. The original scheme assumed, apparently wrongly, that Govt. land would be available

All factors, except the cost of the site, are in favour of having the new college near the Forest & Agricultural colleges. Only then, can the Science courses for the Agricultural & Forest colleges be combined with those of the new college.

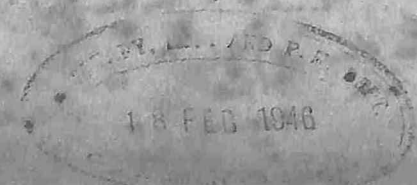
A2 has suggested that land of lower value should be acquired on the outskirts of Bangalore. Such land might be found on the way to Mettupalayam but the Agricultural & Forest colleges could not combine with a new college located there.

P.B.N.F. L.F.I

The question of the site is holding up progress.

12/6/46

has suggested an alternative site
10206
16/6/46



P.B.S

May lie over the question of site is settled.
19.2.46
12/6/46
11/11/46

820

IMMEDIATE.

Governor's Secretariat.

U.O. Note No. 863/46-1 dated 9th February 1946.

A copy of Mr. G.D. Naidu's letter No. MA/105/46 dated 5th February 1946 may be sent to Education and Public Health Department and they may be requested to furnish urgently by Monday night (11-1-46) a note for His Excellency's use at Coimbatore ~~also~~ on the points raised by Mr. G.D. Naidu in this letter and also on his representation regarding the starting of new courses in the Arthur Hope College of Technology.

8192

E.C.A (Hardice),
9-2-46.
E&PH u.o.

Encl:

Copy of letter No. MA/105/46 dated the 5th February 1946 addressed to the Vice Chancellor, University of Madras and copy sent to H.E. the Governor, Principal, Arts College, Coimbatore.

May I request you to kindly refer to my letter of the 14th November 1945. It seems no action has yet been taken to raise the present College in Coimbatore to a First Grade College. When I discussed with His Excellency, he also promised to help in this matter. You also promised to do your best to push it through. Perhaps you have not received any communication from the Government to inspect the College. I request you to kindly arrange as early as possible the inspection by the Commission for which I am prepared to bear the expenses. Further, if buildings are not sufficient and if it is given to our choice, we are prepared to build this within 3 months' time. Or in case if it is to be built by the P.W. Department it will take several years. In that case you can ~~impose~~ impose a condition to raise the College into First Grade within two years the buildings must be provided.

I understand -----

I understand from the Principal that his proposal for the building for Rs 1,50,000/- is before the Government and I hope Government is going to accept and will take necessary steps as early as possible. Under the circumstances I hope you will show some mercy towards this town and take immediate steps for the inspection by the commission and other formalities of the University to raise this college. I hope under the present circumstances we cannot blame anybody else because there are no other deadlocks from any other sources.

True copy / Forwarded / By Order.

A. Sankaranarayanan

Superintendent,
Governor's Secretariat.

19th
Sept 46

8 + P. H. Sept

Please see the U.O. note from the Governor's secret on pages 7-8 ante. The points raised in the note are

- (1) Raising of the Govt. Arts college, Coimbatore, to First grade
- + (2) starting of new courses in the Arthur Hope College of Technology.

Since
Sanctioned
in the line at (C)
11/12/46

(1) above. The D. P. J. was asked in October last to apply to the University of Madras for affiliation of the college in B. Com. and B. A. Geography. Sir Thomas Austin discussed with the Vice Chancellor, University of Madras, the question of addl. accommodation required in the college for the B. A. classes. The Vice Chancellor suggested the construction of an addl. building with foundation for future expansion, if necessary. He also stated that if the proposal was sent to the University with plans, it would send a commission without delay. The Director was accordingly asked to forward the plans for the buildings to the University with the necessary explanations and to address Govt. again for approval of the plans soon after a University commission visited the college. The Director has not addressed the Govt. again in the matter, apparently the University commission has not yet visited the college.

(2) above. The D. P. J. has suggested

that Mathematics, Physics, Chemistry, Zoology, Botany, Geology and Industrial Economics may be provided in the college of Technology and that if the college were to be located ^{to} the north of the Forest college, the Agricultural college and the Forest college can co-operate in the first year science courses. It has been pointed out in this connection that the question of provision of the subjects referred to above in the college depends upon its location. When the file was circulated to H.E. it has been returned with the following note:-

"H.E. wishes to discuss with Adviser. As there has been a change in Adviser, A4 may please see".

As regards the site near the Forest college, the collector has stated that the price per acre will be Rs 15,000. The total cost of acquisition is estimated at Rs 17,32,590. This is considered a very high price and the Adviser has indicated that he will discuss the matter with the D.P.I.

9/2/46 S / A.W. Mub E
A4. H.E.

If the site is to be close to the Agricultural College & Forest college we must pay the price - & restrict the extent to minimum requirements.

H.E. has discussed informally with Mr. Naidu, Mr. Ruda, the Col. the D.I.C. Mr. Naidu has suggested an alternative site which is being inspected v. shally. 10.2.46



This may lie over till the Collector's report is received

C.P.A.
19-2-46.

B.M.
20-2-46

M.V.S.
21-2-46.

From the D.P.I. No.9690-K2/46 dated 12-11-1946.

In November 1945 Mr. G.D. Naidu of Coimbatore raised the question of introducing fundamental sciences, such as Mathematics, Physics, Chemistry, Zoology, Botany, Geology and Industrial Economics along with Engineering subjects in the A.P. College of Technology, Coimbatore, with a view to developing it into a University in due course. The D.P.I., whose remarks were called for agreed with Mr. Naidu that the subjects should be introduced in the College and that the College, if located near the Forest and Agricultural Colleges would serve the needs of the latter two colleges by arranging common classes in these subjects for the first year course. This question was deferred consideration until the question of site for the Engineering College was settled. Please see the notes on pages 1-4 and 9-10 ante.

It has since been decided that the Engineering College and the Govt. Arts College, Coimbatore, should be located in the Agricultural College estate and the Forest College Estate respectively and a site of about 110 acres and 50 acres have been reserved for construction of new buildings for the Colleges. The D.P.I., and the Chief Engineer have been asked to submit plans and estimates for the proposed new buildings and they are still awaited.

The Director now asks for orders on the proposals to open Science Courses in the Engineering College at Coimbatore, so that the buildings for the College may be designed accordingly. ^{As} it is proposed to construct new buildings for the Arts College also in the Forest College Estate, it may be possible to arrange common classes in the subjects in question for all the four

C. No.63484. From the D.P.I., No.9690-K2/46 dated 16-8-48.

Notes from page 11 ante and the D.P.I.'s letters on pp. 9, 10 and 24-25 c.f. may be perused. The question of opening Science courses in the Arthur Hope College of Technology, Coimbatore, was raised by Mr. G.D. Naidu in 1945. The idea was that such classes when opened should be utilised also by the Arts College, the Agricultural and the Forest Colleges. No decision could be taken on the proposal until the location of the Engineering College was settled. In 1946, it was decided that the Engineering College should be located on a 100 acre site in the Agricultural College estate. The question of opening Science Courses in the Engg. College was then again taken up; and the D.P.I. was asked to furnish certain information regarding additional expenditure on account of the proposal, probable savings, if any, etc. The Director stated in September last year that there will be no savings either in the case of the Agricultural College or in the case of the Arts College on account of the present proposal.

2. The Principal, Engg. College, Gairdy, in his letter on p. 24-25 c.f. doubts the feasibility of opening Science classes in the Engineering Colleges and suggests that the matter be placed before the Standing Advisory Board for Technical Education. The Director recommends the Principal's suggestion and requests for orders whether the Principal, who is the Secretary of the Board, may be asked to include the subject in the agenda for the next meeting of the Board.

3. The question of site for the A.H. College of Technology is still under discussion. The original proposal was to remove the College from its present premises to the Burma Evacuee Camp, pending the construction of permanent buildings ~~in~~ the site reserved for it in the Agricultural College estate. The Camp did not become available, as it was required for the Forest College which has been taken over by the Govt. of India. The Development department have recently stated that even the site reserved for the Engineering

P.T.O.

College in the Agricultural College estate cannot be released, as it is required for the Agricultural College ~~II~~^{IV}. It seems however that a decision on the question of having Science Courses in the College need not be postponed until the question of site is settled; and that it is desirable to take a decision in the matter, so that plans for permanent buildings for the College may be designed taking into account whether or not to make provision for the Science Courses. In the circumstances, the Director's recommendation that the matter be placed before the Standing Advisory Board for Technical Education may be accepted and the Principal, Engineering College, Guindy, may be asked to include the subject in the agenda for the next meeting of the Board. The file may be circulated to H.M. (Education) for orders.



A draft memo is submitted for approval.

[Issued as Memo. No. 53890-9/45A Edn. d. 17.9.48.]

The question of opening Science Courses in the Engg. Colleges, particularly in the A.H. College of Technology, Coimbatore, was considered by the Standing Advisory Board at its meeting on 7-2-49. The extract from the minutes of the Bd.'s meeting on p 31 c.f. may be perused. The Board considered the matter w. r.t. all the Engg. Colleges and has decided that wherever possible, B.Sc. courses and Courses in Applied Science may be instituted in Engg. Colleges. The remarks of the

P.T.O.

D.P.G. may be called for in the matter. A draft memo is submitted for approval. H.M. (E.M.) may see [order from page 14 ante]

29.4.49

MM 28/4/49

MM 30/4/49

No need to trouble H.M. at this stage

[Issued as Memo. No. 53890-11/451 Ed. d. 2.5.49] p 330 f.
from the D.P.G. No. 9690 K2/ub d. 12.9.49. p 390 f.

The D.P.G.'s letter d. 12.9.49

and the enclosures thereto may be perused. The Director agrees with the Principals of the Engg. Colleges Kakinada and Anantapur that Science Courses should not be opened in Engg. colleges.

The Principals of the Guindy and Coimbatore colleges, though not definitely against the proposal, state that, at present, it is not possible to open Science Courses in their colleges. The Govt. may, it seems, agree with the Director that it is not desirable to open Science Courses in Engg. colleges. The file may be circulated to H.M. (S.L.) for orders. Whether the Director's view may be accepted.

28.9.49
MM 1/10/49

MM 2/10/49

may agree with A

above

H.M. (S.L.)

H.M. (S.W.)

MM 16/10

Sub H.W.

A draft order is submitted for approval.

18.10.49
MM 19/10/49

MM 22/10/49

