

E.N.P.H (194⁵⁰) Department.

MS SERIES.

G.O. NO. 62 Edm

Dated

9/1/50

notes from

XX on 12/20/50 to the end

[Despatch Abstract.]

Colleges - Finggo - Inclusion of "Anti-
erosion measures - in the Engg. course
Curriculum - 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.

32858

Government of Madras
Development Department.

Memorandum No. 22959-A.II/45 dated 26th April 1945.

Agriculture - Books and Publications - Text Book on soil erosion - Printing of.

In G.O.Ms.No.3928, Development dated 2.12.1943, the Government constituted an Editorial Committee consisting of the Director of Agriculture, the Chief Conservator of Forests, the Chief Engineer (Irrigation) and the Director of Public Health, presided over by a Chief Editor, for writing up a text book on "Soil Erosion" for use of Departmental Officers and students in Agricultural and Forest Colleges. The text book is ~~now~~ being sent to the Press. It contains 18 chapters and deals with a variety of methods for the prevention and control of soil erosion from the Agricultural, Forest, Engineering and Anti-malarial points of view. A copy of the ~~now~~ 'contents' of the compilation is enclosed. The Government consider that it could be used not only in Agricultural and Forest Colleges but also in Engineering Colleges and in medical and Public health institutions where anti-malarial measures are taught. The Director of Agriculture, the Director of Public Health, the Surgeon General and the Director of Public Instruction are requested to state whether anti-erosion measures are already taught in the institutions with which they are concerned and if not, to consider whether the subject may be included in the curriculum of studies. In either case, they are requested to take steps to make use of the above text-book in those institutions. The Chief Conservator of Forests should consider the suggestion in the last 2 sentences with reference to the fact that the question of re-opening the Forest College is at present under the consideration of the Government.

2. In order to enable the Government to estimate the number of copies of the book to be printed, the Directors of Agriculture, Public Health and Public Instruction, the Surgeon General and the Chief Conservator of Forests and the Chief Engineer (Irrigation) are requested to report:-

(1) the number of copies required for free distribution in their departments (This should be restricted to the barest minimum and a distribution list should be furnished)

(2) The number of copies likely to be sold for the use of students and others; and

(3) the number of copies likely to be sold outside the Province ~~of Madras~~ in India and abroad.

3. The Heads of Departments referred to in paragraph 2 above are requested to furnish also a list of Editors of newspapers in ~~Madras~~ India and of other technical journals in India and abroad to whom copies of the book may be usefully sent for review.

4. A reply should be submitted before 1st June 1945.

T.Sivasankar,
Secretary to Government.

To

The Director of Agriculture.
The Chief Conservator of Forests.
The Director of Public Health.
The Director of Public Instruction.
The Chief Engineer (Irrigation).
The Surgeon General.

with enc.

Forwarded/By order

GAROM.26.4.

Superintendent.

Ssp

26.4.45

CONTENTS.

Chapter.	
I	INTRODUCTION:-- Factors affecting disintegration of soils -- Formation of surface soils -- Lessons from the past -- Lessons from modern times -- Examples of erosion in Madras.
II	SOIL EROSION -- CAUSES AND RESULTS:-- Geologic erosion -- Accelerated erosion -- Factors responsible -- Erosion due to water water -- Sheet erosion -- Debris avalanche -- Erosion by waves -- sea-coast erosion -- Effects of soil erosion as is evident in rivers -- Damage to irrigation works -- silting up of reservoirs -- Scanty dry weather flow.
III	CHIEF CAUSES OF ACCELERATED EROSION IN AGRICULTURAL SOILS:-- Nature and distribution of rainfall -- Land slopes -- Classification of soils -- Nature of soil in relation to erosion -- Effect of vegetation -- Measurement of losses due to sheet erosion -- Effect of scooping on the control of erosion -- Quality of soil washed by runoff waters -- Specimen sheet of calculation of runoff data.
IV	METHODS OF CONTROL:-- Soil conservation on slopes unsuited to cultivation.
V	CONTOUR BUNDING:-- Theory of contour bunding -- Object of contour bunding -- Formulae for spacing of bunds in relation to slopes -- Height of bunds -- Drops in levels etc. -- Optimum size of bunds -- Standards of contour bunding -- Hydraulic gra- dient -- Large scale bunding work in the Bombay Presi- dency -- xxxxxx Contour bunding at Hagari -- Whether waste weirs are necessary in the contour bunds -- Execu- tion of contour bunds -- Mechanical methods of control of erosion -- Unit scheme for bunding -- Technical staff required -- Cost of upkeep of the bund -- How bunding affects other irrigation interests -- Preparation of bunding records -- Tools and plant for forming contour bunds -- Benefits of bunding.
VI	CONTOUR TRENCHING AND AFFORESTATION:-- Principles of contour trenching -- Standard, sub-standard and semi-standard trenches -- Plantation in xxxxxx contour trenches -- Trees suitable for such plantations.
VII	DRY FARMING AND TERRACING:-- Dry farming -- Terracing -- Guide row terrace -- Level bench -- Mangum terrace -- Terrace spacing -- Formula for designing terrace channels.
VIII	CONSERVATOR OF GRASSLAND:-- Effects of burning grass in summer -- Closure of fuel coupes -- Grazing -- Controlled grazing -- Rotational grazing.
IX	CONTROL OF SHIFTING CULTIVATION ON HILL SLOPES:-- <u>Kumri</u> cultivation and its control.
X	OTHER METHODS OF CONTROLLING SOIL EROSION AND SURFACE RUNOFF:-- Strip cropping -- Crop rotation -- Mixed farming -- Bio- logical methods -- Effect of crop rotations -- Strip cropping -- Contour planting.

XI	CONTROL AND ELIMINATION OF GULLIES:-- Gullies classified -- Channel gullying -- M Waterfall gullying -- Control of gullies -- Retention of rainfall -- Diversion of runoff -- Channel designs in relation to gully control -- Silt in rivers and streams -- Siltometers -- Transportation of bed silt in flowing water -- Diversion ditches -- Conveyance of runoff through gullies -- Natural re-vegetation.
XII	CHECK DAMS:-- Principles covering the use of check dams -- Design of check dams -- Height of check dams -- Spacing of check dams -- Other features of design -- Overfall protection -- Flumes -- Temporary and permanent check dams -- brush dams -- Construct- ing one row post or single row post brush dams -- Construction of two row or double row post brush dams -- Semi-permanent dams -- Log dams -- Rough stone dry packed dams -- Use of xxxx check dams in preventing silting up of irrigation tanks.
XIII	PERMANENT SOIL SAVING DAMS:-- Rubble masonry dams -- design for masonry dam -- Earth dams -- -- Side spillway dams -- Drop inlet dams -- Drop inlets for existing road culverts.
XIV	SPECIAL USE OF VEGETATION -- Grass lands -- Creepers -- Trees and plantations.
XV	CONTROL OF STREAM AND RIVER BANK EROSION:-- Spurs -- Tree spurs -- Bushing -- Pile and fascine spurs -- Brown low woods -- Brushwood edging -- Pile edging --

Impermeable spurs or groynes - Other spurs - Plantations and revetments - Durba or nanal or korukkai roller revetments - Brushwood woven wire fencing facing work - Stone pitching and revetment.

XVI CONTROL OF ~~WIND~~ WIND EROSION:..

The action of wind - Control against erosion - Control of sand drifting from the Coast - Control of internal sand drift - Wind brakes or shelter belts - ~~Prevention of sand drift along canal~~ - Prevention of sand drift along canal banks and near irrigation works.

XVII CONTROL OF FLOODS:--

Storage and retarding reservoirs - Flood embankments or levees - Effect of forests on flood control.

XVIII EROSION AND MALARIA:..

Factors influencing spread of malaria - Soil erosion and its relation to malaria - Anti-mosquito drainages - Regulation of surface waters - Other measures.

Appendix A. Map showing average annual rainfall in India.

Appendix B. Average monthly and annual rainfall of the Madras Presidency upto the year 1941.

Bibliography ..
Glossary ..
Index ..

Copy of Surgeon-General letter from the Surgeon General with the Government of Madras, to the Secretary to Government, Development Department. Madras No. R. 28643-Mis.45 dated 29.5.45.

Sub: Govt. Memorandum No. 22959-AII 45 dated 26th April 1945.
Agriculture - Books and Publications - Text Book on soil erosion - Printing of.

Anti-erosion measures are not taught as a special subject but are just referred to among anti-malarial measures taught and specially for the B.S.Sc. and L.P.H. classes in Hygiene. It need not be included in the curriculum for Hygiene but may find a place under Sanitary Engineering. The inclusion of soil erosion in the curriculum of the medical undergraduate is not necessary as it will only overburden the already loaded curriculum.

2. Eight copies may be supplied for distribution to the three* Medical College Libraries, for reference. No copies are likely to be purchased by the students.

Medical College, Madras.	3 copies.
Stanley Med. College	3
Andhra Medical College	
Vizagapatam.	2
	18

Government of Madras

DEVELOPMENT DEPARTMENT

G.O. No. 1200, 3rd July 1941

Census—Classification of castes—"Sathani"—Designation as "Chatada Sri Vaishnava"—Ordered.

READ—the following papers :—

From the Sathani residents of Talluru Matam, No. Nil., dated 7th February 1941.

From the Board of Revenue, Resolution Rt. No. 1637, dated 1st April 1941.

Order—No. 1200, Development, dated 3rd July 1941.

His Excellency the Governor of Madras is hereby pleased to direct that the community now known as "Sathani" should in future be referred to in all formal orders as "Chatada Sri Vaishnava."

(By order of His Excellency the Governor)

T. SIVASANKAR,
Deputy Secretary to Government.

To the Superintendent, Government Press, for publication in the Gazette.
" all Heads of Departments including Collectors and District Judges.
" the Departments of the Secretariat (all sections).
" Sri K. Varadarajaswami, Talluru Matam, Jaggampeta Post Office, East Godavari district.
" the President, Vaddadi Panchayat Board, Viravalli taluk, Vizagapatam district.

Copy of letter from the Director of Public Health, Madras to the Secretary to Government, Development Department, Madras. No. R(Fd) 23277-1/L dated 1st June 1945.

Sub: Agriculture -- Books and Publications -- Text book on soil erosion - Printing of.

Ref: Government Memorandum No. 22959-AII/45 dated 26-4-1945.

Anti-erosion measures are not taught as a special subject but are referred to among anti-malarial measures taught especially for the B.S.Sc and A.P.H. classes in Hygiene. I do not consider it necessary to include the subject in the curriculum for Hygiene, but it may usefully find a place under Sanitary Engineering.

2. (a) The number of copies required for free distribution to the members of this Department is as follows:

District Health Officers	25
Municipal Health Officers	94
Regional Malariologists & Subordinate officers.	12
Asst. Directors of Public Health	5
Office use	6
Medical College library	3

	145

(b) No copies are likely to be sold to students as the subject is not included in the curriculum.

(c) About 100 copies of the book are likely to be sold outside the Province in India and abroad.

3(1) Editor. The Journal of Malaria Institute of India, Kansauli.
-do- Indian Journal of Medical Research. Messrs. Thacku Spink & Co, Calcutta.

G.O. No. 1200, 3rd July 1941

~~Vaishnava~~—Ordered.

From the Sathani residents of Talluru Matam, No. Nil, dated 7th February 1941.

From the Board of Revenue. Resolution Rt. No. 1637, dated 1st April 1941.

Order—No. 1200, Development, dated 3rd July 1941.

His Excellency the Governor of Madras is hereby pleased to direct that the community now known as "Sathani" should in future be referred to in all formal orders

(By order of His Excellency the Governor)

~~T. SIVASANKAR,~~

Deputy Secretary to Government.

To the Superintendent, Government Press, for publication in the Gazette.
 all Heads of Departments including Collectors and District Judges.
 the Departments of the Secretariat (all sections).
 Sri K. Varadarajasswami, Talluru Matam, Jaggaempeta Post Office, East Godavari district.
 the President, Vaddadi Panchayat Board, Viravalli taluk, Vizagapatnam district.

Letter no 32888/45-14-21 P.H dated 27.X.47

✓ To
The Registrar,

The Madras university,
→ chepauk Madras

Sui

Sub: University - Madras University - B.S.Sc
course - ^{inclusion} ~~prescription~~ of Subject '
anti. erosion measures' under Sanitary
Engineering - proposals.

- ۶ -

I ~~am directed to state~~ that It has been proposed to include 'anti-erosion measures' as a subject under 'Sanitary Engineering' taught to the students of the B. S. Sc course in the Madras Medical College. I ~~am directed~~ to request that the ^{views} ~~approval~~ of the Syndicate of the Madras University be obtained and communicated.

P. To

2-10-47
To the Govt as early as possible. A copy of the
Book 'Soil Erosion, its prevention and
control' prepared by Govt is enclosed
for perusal and return.

20/11/47
20/11/47
L.R.M.
20/11/47

uncoated
proof
(only placed below)

238/15
11/11 Letter no 32888/45-15. E1-PH dated 14-11-47

Sp
14/11

To The Registrar
The Madras University,
Chennai, Madras.

238/15
11/11

Su,
Sub: University - Madras University - B.S.Sc
Course - Inclusion of Subject 'anti-erosion
measures under Sanitary Engineering -
Proposals.

x pp 9-10
cf

Ref: I am directed to invite a reference
to this dept letter no 32888/45-14. E1-PH dated
27.10.47 on the subject cited above and
to enquire when a reply to it may be
expected

She

13/11/47

L.R.M.

W.S.



UNIVERSITY OF MADRAS.

UNIVERSITY BUILDINGS,
CHEPAUK.

No. CR5956

Madras, 22 NOV 1947

From
THE REGISTRAR,
UNIVERSITY OF MADRAS.

To
The Joint Secretary to the Government of Madras,
Education and Public Health Department.

92543
Sir,

Ref: Your letter No.32888/45-14.E1-PH., dated
the 27th October 1947 and reminder thereto,
dated the 14th November 1947-Inclusion
of 'Anti-erosion measures' under Sanitary
Engineering for the B.S.Sc. course.

The subject is under consideration by
the Syndicate, and a reply will be sent as soon as the
the Syndicate comes to a decision in the matter.



R. R. Durand
AS. REGISTRAR.

SVA/22/11/

Please see the interim reply from the
Registrar, University of Madras above this

PTO

may lie over till ¹⁵~~20~~-12-47 when he
may be ~~be~~ reminded if necessary.

26/11/47
27/11/47

27/11/47

~~A. Hoff~~

12/6/48 Letter 32888/45-16-EI-PH dated 17-12-47
To The Registrar
The Madras University,
Chennai, Madras.

14 E4PH
E

17/12
19/12
17/12

Sub: University - Madras University - B.S.E. course
Inclusion of subject 'anti. erosion measures
under Sanitary Engineering - proposals.

Ref: A.G. Registrar's letter no CR 5956 dated 22.11.47.
-x-

I am directed to invite a reference to
this letter no 32888/45. 14. EI-PH dated the 27th
October 1947 and to request you to that an
early reply may be sent.

17/11/47

17/11/47

15

[Faint, mostly illegible handwritten text on the left page, possibly containing administrative notes or correspondence.]

EPH
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16

Letter 32888/45-17. E1-PH dated 15.1.48

To
The Registrar
The Madras University,
Chepauk, Madras

157
50
16/11

Sub. University - Madras University - B.S.Sc
Course - Inclusion of subject 'anti erosion
measures under Sanitary Engineering -
Proposals.

Ref. to Registrar's letter no CR 5956 dated 22.11.47

I am directed to ~~info~~ invite a reference
to this deptt letter no 32888/45-14. E1-PH
dated the 27th October 1947 and to
enquire when a final reply may be
expected in the matter.

[Signature]

[Signature] 10.5

Letter 32888/45: 17. E1-PH dated 2/2/48

To the Registrar,

the Madras University,
Chepauk, Madras.

20/3
2/2/48 2/5
2/2

Sub: University - Madras University B.S.Sc

Course - Inclusion of subject 'anti-erosion measures
under Sanitary Engineering - proposals

Ref: Ag Registrar's letter no. CR 5956 dated 22.11.47 p 13cf

I am directed to invite a reference to this
dept letter no. 32888/45-14. E1-PH dated the
27th October 1947 and to enquire when a final
reply may be expected in the matter.

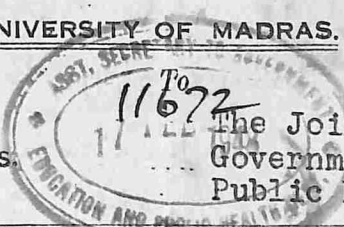
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2/2

UNIVERSITY OF MADRAS.

From

THE REGISTRAR,
UNIVERSITY OF MADRAS.



To The Joint Secretary to
Government, Education and
Public Health Dept., Madras.

No. CR 675

CHEPAUK, TRIPLICANE P.O., MADRAS.

Dated, 16 FEB 1948

Sir,

Ref: Your letter No. 32888/45-17 E.1 P.H., dated the 2nd
February 1948 - Inclusion of anti-erosion measures
under Sanitary Engineering for the B.S.Sc. course.

I have the honour to inform you that the matter is
under consideration by an expert Committee, and the
Committee's report is awaited.

Your obedient servant,

R. Ravi Varan
Ag. REGISTRAR.

S
17/2
KS/10/2/-42



UNIVERSITY OF MADRAS.

No. CR1178

Senate House, 15 MAR 1948

From
The Registrar,
University of Madras.

To
The Joint Secretary to the Government of Madras,
Education and Public Health Department, Madras.

Sir,

20508

Ref: Your letter No. 32888/45-14-E1-PH., dated
the 27th October 1947 - B.S.Sc. Degree course
inclusion of subject 'anti-erosion measures'
under Sanitary Engineering proposals.

In continuation of my letter No. C.R. 675, dated
the 16th February 1948, I have the honour to inform you that
at its meeting held on the 28th February 1948, the Syndicate
considered the subject under reference and resolved that the
following recommendations of the Expert Committee thereon be
approved:-

"The Committee is of opinion that this subject does
not come within the purview of the B.S.Sc. Course.
It suggests that the subject may be treated as
a post-graduate course for students taking the
Degree of Civil Engineering, Highway Engineering
and Public Health Engineering."

The copy of the publication "Soil Erosion, its pre-
vention and control", forwarded with your letter, is returned
herewith.

Your obedient servant,

R. R. Sundaram
Ag. REGISTRAR.

S
15/3
mks/16/3.

Please see the interim reply from the
Registrar, Madras University at page 18 ante.

He may be reminded if necessary, on

10.3.48

17/2/48
17/2/48

21

Very urgent

(2)

Edn and P.H. Dept

Memo. No. 27779 A-1 / 48 A Edu. d. 19.4.48

Inclusion of the subject anti-erosion measures for the Eng. courses

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11/18-20cf

p20cf

It has been proposed that anti-erosion measures should be included as a subject under sanitary Eng. taught to the students of the B.S.Sc course in the Madras Medical College. The views of the Madras University were called for in the matter. The Syndicate of the University referred the matter to an Expert Committee and the Expert Committee made the following recommendations:-

"The Committee is of opinion that this subject does not come within the purview of the B.S.Sc course. It suggests that the subject may be treated as a post-graduate course for students taking the degree of Bire Eng., Highway Eng. and Public Health Eng."

The Syndicate has approved the Expert Committee's recommendation.

The D.P.S is requested to offer his remarks on the recommendations of the Expert Committee. A copy of the book "Soil Erosion, its prevention and control" prepared by Govt is enclosed for perusal and return.

The matter should be treated as urgent and a reply sent as soon as possible.

For the D.P.S
(with two books to be returned with reply)
23.4.48
16/4/48

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82.0.91.6.25A8 1/1 - A.P.C.C.C. 01

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7/6
p220f

E.P.H. (A)

Memo. No. 27779A - 2/48A Edu. dated 31-5-48

Sub: Inclusion of the subject anti-corrosion measures for the Engg. courses.

Ref: Memo. No. 27779A - 1/48A Edu. d. 19-4-48.

The D.P.I. is requested to submit his reply to the memo read above as soon as possible.

To Mr D.P.I.

27.5.48
29/5/48

31/5/48

Educational Department.

Office of the Director of Public
Instruction, Madras, 26th May 1948.

From

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

To

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

Sir,

Ref: Government Memo.No.27779 A-1/48-A, Edn., dated 19-4-48.

40482

With reference to the Government Memorandum cited above,
I have the honour to submit herewith for favour of orders, a copy
of the letter R.C.No.1-158 B/48 dated 18-5-48 from the Principal,
College of Engineering, Guindy, containing his remarks on the
proposal for the inclusion of the subject, Anti-Erosion Measures,
in the Engineering courses of study.

I have the honour to be,
Sir,
Your most obedient servant,

DIRECTOR OF PUBLIC INSTRUCTION.

27

Copy of RC.No.1-158-B/48 dated 18th May 1948 from the Principal, College of Engineering, Guindy to the Director of Public Instruction, Madras. (16) 28

Sub: Engineering courses-inclusion of the subject-anti-erosion measures.

REF: Your Proceedings Rc.No.1056-K2/48 dated 28th April 1948.

==

C / The College does not have post-graduate courses in Civil Engineering, Highway Engineering and Public Health Engineering. So far, there has been no proposal to start post-graduate courses in these subjects.

It seems unlikely that these post-graduate courses would be started in the near future in view of the facts that the demand for Engineers is far in excess of the supply and no provision has been made by any employer for grant of enhanced pay or allowance to holders of post-graduate degrees or diplomas.

When post-graduate courses are started, the syllabuses would be drafted by the Board of Studies in Engineering of the University of Madras and I suggest that the recommendation of the Expert Committee and the Syndicate may be referred to the Board for consideration.

Elements of soil erosion are taught in the degree courses in Civil Engineering and Highway Engineering. As the syllabus for these courses is already overloaded, it may not be possible to teach soil erosion in greater detail than is being done at present.

If Civil and Highway Engineers should possess much greater knowledge of soil erosion than they obtain at the college, I suggest that the Public Works Department and the Highways Department may hold departmental examination for their probationers in soil erosion, prescribing.....

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prescribing the book by Mr. L. Venkatakrishnan as a text-book. In my opinion, Graduates in Civil and Highway Engineering will have no difficulty in mastering the contents of the book by independent study.

Sd. x x x x x
Principal.

=====
/True copy/

Special urgent

(17)

30

-E. P. H. (A)

Memo No. 27779A-3/48A Edn dated 9-6-48.

Sub: Inclusion of the subject 'anti erosion measures for the Engg. Course'.
From the Principal, Engg. College, Grindy, No. 1-158-B/48 d. 18.5.48
From the D.P.J. d. 26.5.48.

p 28-29 of

p 26 of C. no. 40482

Separate file
(not put)

In continuation of Govt. Memo No. 29382A-2/48

On 4.6.48 the Principal, Engg. College, Grindy, is requested to include the subject "Inclusion of anti erosion measures in the Engg. Course", in the agenda for the meeting of the Standing Advisory Board for Techl. Edu. coming off on the 15th of this month. The Principal may circulate note on this subject also to the members of the Board.

To the Principal, Engg. College, Grindy.
D.P.J. 9/6/48

9.6.48 10/6/48 9/6/48 9/6/48

Memo. No. 27779A. 4 / 48A Edn. 2. 18.6.48.

Inclusion of the subject: anti-corruption measures for the Eng. courses.

Ref letter from the D.P.S. No. Nic 26.5.48.

Memo to the Principal, Eng college, Quindry No. 27779A. 3 Edn 9.6.48.

The matter of including anti-corruption measures in the curriculum of Studies in the Eng college was considered to be a matter of detail by the ^{Standing} ~~Advisory~~ Board for Tech. Edu at its meeting held on 15.6.48. The Board also resolved that the matter may be referred to the Board Studies. The D.P.S. is requested to ^{arrange} ~~place~~ placing the matter before the Board of Studies, the Madras University and report the res to the Govt.

Very urgent

126cf

130cf

Recd
21/6
To the D.P.S.

18/6/48

18/6/48 by [signature]

34

[Faint handwritten notes on lined paper, mostly illegible]

33 33

Edm. No. 27779A

28-9-48 2 348 v / p. APPENDIX

Enclosure of the subject 'anti-erosion measures'

measures in the Engg. Course.

Ref. Mem. No. 27779A-4/48A Edm. No. 186-48.

28-9-48

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34 E.P.A. (A)

Memo. No. 27779A-5/48A Edm. No. 28-9-48.

Sub: Inclusion of the subject 'anti-erosion measures' in the Engg. Course.

Ref: Mem. No. 27779A-4/48A Edm. No. 186-48.

The D.P.G. is requested to state when his report called for in the memo read above may be expected.

To the D.P.G.

6/27-9-48

28/9/48

28/9/48

The medical officer was directed to be the
 same as in the case of secondary schools.
 But the rate of fee for medical examination was
 fixed as Rs 1 for each inspection, and this
 was based on the N.Y. regulation (attached)
 2. The S.P.I. has suggested
 that, there being no reason for a vacation
 in the rate of fee collected from the students
 and the rate of fee paid to the medical officer,
 the entire proceeds from the medical inspection
 fees should be paid to the students may be made
 over to the medical officers as remuneration.
 In effect, he suggests that the medical officers
 conducting the inspections may be paid a
 rate of Rs 1 for each student for each
 inspection, instead of at the rate of Rs 12 for the
 first and Rs 6 for subsequent inspections as
 at present. The Director does not give any

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



ENCLOSURES _____
 SPARE COPIES _____

Education DEPARTMENT. 35
 Received _____ Registered _____
 From (Name) _____
 (Designation) The Director of Public Instruction, E.P.H.(A)
 Post Box _____, (STATION) Madras. The S.P.I. may
 Telegraphic Address _____ be reminded next
on 25-11-48.
 To _____
 The Secretary to Government, 22/10/48
 Education & Public Health Department, 25/10/48
 Port St. George - Madras. 25/10/48
 Re. No. 1056-R2/48, dated 15-10-1948.
 Sir, Sub:- Engineering Courses - Inclusion of the subject -
 "Anti-Erosion Measures". private
 * Ref:- Govt. Memo No. 27779-A-5/48-A Edn., dated 28-9-48.

 I have the honour to state that the decision of the Board
 of Studies of the Madras University is awaited.
 Yours faithfully,

 For Director of Public Instruction.
 MDS
 18/10

Education Department.

From

The Director of Public Instruction,
M a d r a s

To

The Secretary to the Government of Madras,
Education and Public Health Department,
Fort St. George, M a d r a s.

R.C.No. 1056-K2/48 dated 4th November, 1948.

SIR,

Engineering Courses--Inclusion of the subject
"Anti-Erosion Measures".

Reference:-Government Memorandum No.27779-A5/48-A
Education dated 28.9.1948 and this office
letter Rc.No.1056-K2/48 dated 15.10.1948.

I have the honour to state that the Board of
Studies in Engineering of the Madras University resolved
that under the proposed 3 year Engineering Degree courses
in the basic branches of Civil, Mechanical and Electrical,
the subject "Anti-Erosion Measures" cannot be included.
I also enclose for the information a copy of letter from
the Principal, College of Engineering, Guindy, R.C.No.
1-172 B/48 dated 27.10.1948.

Yours faithfully,

P. M.

For Director of Public Instruction.

ks.11.11.

9/12/48

Copy of letter Rc.No.172-B/48 dated 27.10.1948 from the
Principal, Engineering College, Guindy to the Director of
Public Instruction, Madras.

Inclusion of the subject, "anti-erosion measures" in the
Engineering Courses of study.

Ref:-Your Proc.R.C.No.1056-K2/46 dated 28.6.1948 and 17.x.48

As directed in your above proceedings, I had
requested the Registrar, University of Madras to place the
question of the inclusion of the subject, "anti-erosion
measures in the Engineering courses of study" before the
Board of studies in Engineering. I am herewith submitting
a copy of the letter that the Registrar has addressed to
the Chairman, Board of studies in Engineering as well as
an extract from the Minutes of the meeting of the Board
of Studies in Engineering on this subject. It would be
seen from the Minutes of the meeting of the Board of
Studies that the Board considered that the subject,
"anti-erosion measures" cannot be included in the
syllabus of the 3 year course, as they thought that the
3 year course would come into operation from the year
1948-49. The University authorities, however, have
deferred the question of introducing the 3 year course
this year and in all probability it will come into force
next year. As the present regulations stand, no addi-
tions can be made to the syllabus already approved by
the University and the subject, "anti-erosion measures"
cannot therefore be officially included in the curriculum
of studies for the students. But, all subjects which are
of importance to a modern engineer, whether included in the
syllabus or not, is taught to the students, and a certain

amount of "anti-erosion measures" is also taught to the students of this college.

/True copy/.

FOR DIRECTOR OF PUBLIC INSTRUCTION.

ks.11.11.

72 12/10 p 370 f c.no.85016	39 E.P.H.(A) Memo. No. 27779A-6/48A dated 13-12-48. Sub: Engg. Course - Inclusion of the subject "Anti-erosion measures" from the D.P.I. No. 1086-K₂/48 d. 4-11-48.
To the D.P.I. Ans 15/12/48	It would appear that the Bd. of Studies of the Madras Uty. merely said that the subject "Anti-Erosion measures" cannot be included in the Curriculum of the B.E. Course this year. It is not clear why the subject cannot be included in the Course itself, although its introduction may be in the next year, or in the four year Course, if that is to continue. The D.P.I. is requested to clarify the position, if necessary by making another reference to the Board. A early reply is requested. b may be sent urgently. B.M. 13/12/48

40

⑦ 41 E.P.H.(A)
Memo. No. 27779A-7/48A ^⑦dated 15-3-49.
Sub: Engg. Course - Inclusion of the
Subject "anti-erosion measures"
Ref: Memo. No. 27779A-6/48A ^⑦Edn.d. 13.12.48.

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

To head D.P.I.

6
14.3.49

over
15/3/49

14/3/49

Copy of the letter from the Director of Public Instruction, Madras.
Hoc.No. 187.A2/48 dated 6/4/1948.

Sub:- College - Arthur Hope College of Technology, Coimbatore - Purchase
one C.F.R. Engine from United States of America - Indent submitted.

In submitting herewith an indent (in quadruplicate) received from
the Principal, Arthur Hope College of Technology, Coimbatore, for one
Model ASTM - CFR Variable compression engine (fuel research unit) to be
purchased from the United States of America, I request that the indent
may be forwarded to the Director-General of Industries and Supplies,
New Delhi for procuring the engine. The necessary sanction of the
Government of India to the expenditure of dollars for the purpose may be
also be obtained.

2. The cost of the indent amounts to about Rs. 22,100/- and is
covered by the sanction accorded in G.O. No. Ms. 268-Education, dated
9/2/1948.

3. The equipment intended for is reported to be of a special
nature and of accepted standard for rating and testing of motor fuels
and is essential for the automobile Engineering Laboratory of the
College. I have consulted the Principal as to whether it is not
possible to obtain this equipment or a suitable substitute from outside
the United States of America in view of the difficult dollar position
of the country, but it is reported to be impossible to do so. The
Principal has reported that the engine is accepted as standard by the
Institution of Petroleum Technologists in Great Britain and the
American Society of Testing Materials and that there is no alternative
fuel rating engine within the sterling area. In the circumstances
stated above, the purchase of the equipment in question from
America involving dollar expenditure for the purpose is inescapable.

R.C.No.1056 K2/48.

From

The Director of Public Instruction,
Madras.

To

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

26319
Sir
Z.P.H.(A)
The D.P.G. may
be reminded
next on 26.5.49

Sub:- Colleges - Engineering Courses - Inclusion of the
subject "anti erosion measuers".

Ref:- Government Memo.No. 27779 A-7/48-A Education
Dated 15-3-49.

I have the honour to state that the Principal, College
of Engineering, Guindy, has addressed the University in the matter
and the latter's reply is awaited.

For Director of Public Instruction.

VLA.1/4.

Office of the
Director of Public Instruction,
Madras, Dated. 25-3-49.



44



Office of the
Director of Public Instruction
Madras, Dated: 18-4-1949.

From
The Director of Public Instruction,
Madras.

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

Sir,

Sub:- Colleges - Engineering Courses - Inclusion of the
subject "anti erosion measures".

Ref:- Government Memo.No.27779.A-7/48.A Education dated
15-3-1949 and my letter R.C.No.1056.K2/48 dated
25-3-1949.

The Principal, Engineering College Guindy reports
that he has been informed by the Registrar, Madras Univer-
sity that the subject "anti erosion measures" will be
placed before the Board of Studies in Engineering at its
next meeting which, it is understood, will be held in
July 1949.

Yours faithfully,
[Signature]
For Director of Public Instruction.

VLA.21/4. 1-8-49.
15-4-49 26/4/49

R.C.No.1056.K2/48.

AAS ✓

Office of the
Director of Public Instruction
Madras, Dated 18-4-1949.

From

The Director of Public Instruction,
Madras.

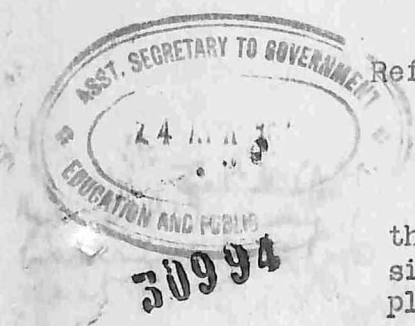
To

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

Sir,

Sub:- Colleges - Engineering Courses - Inclusion of the
subject "anti erosion measures".

Ref:- Government Memo.No.27779.A-7/48.A Education dated
15-3-1949 and my letter R.C.No.1056.K2/48 dated
25-3-1949.



The Principal, Engineering College Guindy reports
that he has been informed by the Registrar, Madras Univer-
sity that the subject "anti erosion measures" will be
placed before the Board of Studies in Engineering at its
next meeting which, it is understood, will be held in
July 1949.

Yours faithfully,

[Signature]

For Director of Public Instruction.

VLA.21/4.

1-8-49.

15-4-49

26/4/49

22/4

Office of the
Director of Public Instruction,
Madras.
18-4-49.

The Director of Public Instruction,
Madras.

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

Subject: Colleges - Inclusion of the
subject "Anti-erosion measures".

Ref: Government Memo. No. 2779-A-7/48, A. Education dated
15-3-1949 and my letter A.1. No. 1056/K/48 dated
25-3-1949.

The Principal, Engineering College, Quindry reports
that he has been informed by the Registrar, Madras Univer-
sity that the subject "Anti-erosion measures" will be
placed before the Board of Studies in Engineering at its
next meeting which, it is understood, will be held in
July 1949.

Yours faithfully,
[Signature]

For Director of Public Instruction.

5-1-49 (A) 2
The D.P.G. is requested
to be placed on
1-8-49.
[Signature]

16/4/49
p450

49
-2-PH-(A)
(V)
Mem. No. 2779A-8/48A dated 3-8-49.
Sub: Colleges - Engg. - Inclusion of the subject
"Anti-erosion measures" in the B.E. degree course
from the D.P.G. No. 1056 K/48 d. 18-4-49.

The D.P.G. is requested
to state in what stage the matter is
at present.

To the D.P.G.
[Signature]
5/8

2.8.49
[Signature]
3/8/49

48

8 E

25/8/48 APPS

2/2/48

11/11/48

To the D.P.G.
Mrs. D.P.G.
Mrs. D.P.G.

49
E.P.H. (A)

Memo. No. 27779A - 9/48A Edn. dated 24-10-49.

Sub: Colleges - Engg. - Inclusion of the subject
"Anti-erosion measures" in the B.E. Degree Course

Ref: Memo. No. 27779A - 8/48A Edn. d. 3.8.49.

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

22/10/49

19-10-49

50

Please quote urgently
the number and date of the
which the constitution of a National Science
Block is said to have been sanctioned
at the Govt. Victoria College, Bangalore

Sub: Govt. Victoria College, Bangalore - Starting
of new course in 1950-51.
Ref: Govt. No. 1247 K2/49 d. 1.10.49.

T.H. by Post No.
Date 10-10-49
2 P.H. (A)

I think he is
wrong
K. Sampath
8.10.49
for Govt. Victoria College
Bangalore

EDUCATION DEPARTMENT.

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

R.C.No.1056-K2/48 dated 21-10-1949.

Sir,
Sub: Colleges - Engineering Courses - Inclusion of the
subject "anti-erosion measures".
Ref: My letter R.C.No.1056-K2/48 dated 18-4-1949 and
Government Memorandum No.27779-A-48/A Edn dated 3-8-49.

I have the honour to enclose herewith a copy of the
letter R.C.No.1-172-B/48 dated 24-9-1949 from the Principal,
College of Engineering, Guindy, reporting the decision of the
Board of Studies in Engineering on the question of including
"Anti-erosion Measures" as a special subject of study in the
Engineering Course.

Yours faithfully,

[Signature]

BR,22-10.

for Director of Public Instruction.

[Signature]

X
22/10

Copy of letter R.C.No.1-172-B/48 dated 24th September 1949 from the Principal, College of Engineering, Guindy, Madras to the Director of Public Instruction, Madras.

Sub: Inclusion of the subject "Anti-Erosion Measures" in the Engineering Course.

In continuation of this Office R.C.No.1-173-B/48 dated 9-4-49 I am directed to submit the following report of the meeting of the Board of Studies in Engineering held in 15th July 1949 to whom the above subject had been referred and transmitted to this Office on 8th September 1949:--

"The Board considers that the subject is already covered to the necessary extent in the existing Civil Engineering syllabus for the B.E. degree course and does not consider it necessary, therefore, to include Anti-Erosion Measures as a special subject of study."

True Copy.

True
24/10

2/2 FOR DIRECTOR OF PUBLIC
INSTRUCTION

Extracts from the Note File of C.No. 22959AII/45-4

Sub: AGRICULTURE -- Books and Publications -- Text Book on Soil Erosion -- Publicity for.

xxxx

From the D.P.H. R(FD) 23277-1/L dated 1-6-1945.
From the D.A. P. 449/45 dated 1.6.1945.

TO AS

Please see the replies of the C.E.(I), C.C.F. S.G. D.P.I. D.P.H. and the D.A. at pp 3-19 c.f. to the memo at pages 1-2 c.f.

Para 1 of the memo - Inclusion of anti-erosion measures in the syllabus of the institutions under the control of S.G. D.P.H. D.P.I. and C.C.F. and D.A.

The D.A. reports that anti-erosion measures are already included in the syllabus for the B.Sc(Ag.) degree course and that the text book on 'Soil Erosion' will be included in the list of books recommended for study. The C.C.F. has noted the instructions in the memo for using the text book at the Forest College proposed to be reopened. The D.P.I. reports that 'Soil Erosion' is included in the curriculum of studies relating to the studies of the Engineering College, Guindy.

The S.G. considers that inclusion of soil erosion in the curriculum of studies of the medical under graduates is not necessary as it will only over burden the already over-loaded curriculum. For orders whether the suggestion of the S.G. will be accepted. E.P.H. may see for remarks.

The S.G. also states that anti-erosion measures are not taught as a special subject but are just referred to among anti-malarial measures taught especially for the B.S.Sc. and L.P.H. classes in Hygiene and suggests that it may find a place under Sanitary Engineering. The D.P.H. agrees with this view. For orders whether this suggestion also will be accepted. E.P.H. may see for remarks.

xxxxxx

xxx

F & P.H. Deptt.

A and B as above and 'C' and 'D' on page 5 above may be accepted in this Department.

xxxx

C.O.C

2-6-45

XXXXXX

Development Dept.

'A' and 'B' on page. above: E & P.H. may be requested
to issue necessary instructions for the inclusion of anti erosion
measures in the curriculum of studies under 'Sanitary Engineering'
after the text book is printed. For orders. Extracts may be
sent to E & P.H. for further action.

N.M.
11-7-1945.

R.M.S.
14-7-45.

(True Copy)
ForWARDED / By order /

Superintendent

8/24/45 E.P.H.(E) Dev No 22959

A II/45-5

Dev. want the instructions referred to at A above to be
issued only after the text book on Soil Erosion is printed. They
may please indicate when the printing of the book will be
completed and whether instructions will be given to this Dept.
as soon as the printing is over. Dev. may be asked on
1-8-45 whether the text book has been printed
and if so when this Dept. will receive a
copy.

OSM
26/7/45

OS
27/7/45

May now be sent to Dev. with ref. to B' above.

E & P.H. No. No.
32888/45-1-E-P.H.
1. 8. 1945.



TO AS

Please see the notes of E & P.H.
above. The draft text book has
been sent to the DA for being placed before
the Editorial Committee for its approval

32888

EPH

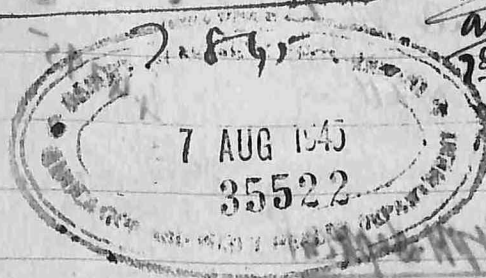
32888/45 E-1

Before printing. The DA's report in the
matter is awaited

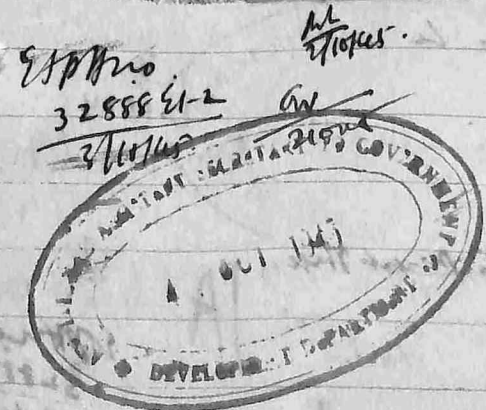
Through
A II-1
6-8-45

72845 SPH (E) report.
The file may be over till 1.10.1945 or till
the receipt of a copy of the book, whichever is earlier.

Dev No 46832
A II/45-1



Dev. requests.
The book may be sent to Dev. as to say if the
text book has been printed & if so when a copy may be
expected.



61056 AH/45
4.1045
TO AS

The DA has since furnished
PTO

8-001
44795

24/9/45

The recommendations of the Editorial Committee to the effect that the book is suitable for publication. The draft text book has been sent to the Press and the receipt of the first proof is awaited. ~~Presumably~~ Clean copies cannot be expected before the end of 1945. ~~of January 1946.~~ With these remarks the MS may be returned to E & P.H.O.

C. 54887
Am 164
(Cubed to A.S.)

$\frac{61045}{61045} - \frac{61045}{61045} = 0$

The receipt for copy of this book
arrived till 22/12-45.

$\frac{100}{1000000}$
 as
 $\frac{1000000}{1000000}$

pt
4-146
aw
C.T. ub

Sept. 11
the matter

1070/11

Spencer

Deh

Through
A (II) - 1

61056
A II/45-1

A. 6. 10 yr

9-146 8-1-46

9 - JAN 1948

The SSP stated
that the work
cannot be
taken up
before finishing
the electrical
work. So DH
agreed to
2

Through

A $\frac{111}{1}$ $\frac{100}{9.1.46}$

Den 2571 A II / 46 i

11-1-46

U.S. DEPARTMENT OF THE ARMY

U.S. DEPARTMENT OF THE ARMY

57-57

12

477186

JUL 27 1946

3288-480-2165

617/106

U.S. DEPARTMENT OF THE ARMY

U.S. DEPARTMENT OF THE ARMY

4

A on p 14 above. The proof of text-book has not yet been received in the Press. It does not appear a report received recently from the SQP. Clear copies of the text-book will be ready ~~available~~ before the end of June 46. The film may be returned to EYPH. 20.

3 10ms SS-M

May L.O. till 1-7-46.

Cal
15/1/2016

may be requested to state the present stage of the matter.

4
~~4.7.06~~ 4.7.06

45758 AIV
9-2-66

32888/45/61.PH

Extracts from

to Govt 4418 Dated

7-11-45

Extracts from the file relating to Malaria-agriculture Text-book on soil erosion--inclusion in the curriculam of studies under Sanitary Engineering.

The Surgeon General considers that inclusion of soil erosion in the curriculam of studies of the medical under graduates is not necessary as it will only over burden the already over-loaded curriculam. For orders whether the suggestion of the Surgeon General will be accepted. Education and Public Health may see for remarks.

The Surgeon General also states that anti-erosion measures are not taught as a special subject but are just referred to among anti-malarial measures taught especially for the B.S.Sc and L.P.H. classes in Hygiene and suggests that it may find a place under Sanitary Engineering. The Director of Public Health agrees with this view. For orders whether this suggestion also will be accepted. N.E.& P.H. may see for remarks.

Education and Public Health may be requested to issue necessary instructions for the inclusion of anti-erosion measures in the curriculam of studies under "Sanitary Engineering" after the text book is printed. For orders.

E.&P.H. E1

The Development Dept may be asked to let this dept know whether the book on "Soil erosion" has been printed.

3.5.46

Dev. U.O. 22959/AII/45
dated 20-7-45.

D.S.

The original file on the abstract was been misplaced by the person checking the seal (Sri K. Venkata Rao) vide his statement below. Hence another copy has been taken to be put in the file.



The text book on Soil Erosion has not yet been printed. In an interim report the S.G.P. has stated that the blocks of the book are under manufacture & that the text matters is under setting. He will be reminded for the proof on

Dev Dept (AW)

Previous notes of this Dept at p 15 above. E.P.H. may be informed that the text book is still under print. The S.G.P. will be reminded on 20.7.46.

With this information the case may be returned to E.P.H. 11/7/46. 12/7/46 C.P.H.

Dev. U.O.

4418 Dated

38036
15 JUL 1946

The file may be

transferred to E1 as the subject relates to that section. Vide B's on plants & animals.

14/7/46
3.5.46.

E.D.

Dev. may be reminded again, if necessary on 1-8-46.

16.7.46

P.H. U.O. 32888/46-1-E1-PH
3.5.46.

22972 AII/45

Dev. Dept.

20.5.46. The file may be returned to EPH.

27/2
6/5/46
8526 EPH

Des. memo. 28972 AIV/46-1
9.5.46.

EAPH E1

10 JUN 1946

25175

May be ordered to lie over till 15.6.46 or
until printed books on 'Soil Erosion' are available whichever is
earlier.

By P.S.C.

10/5/46
Des. Dept may asked to state whether copies of
books are available.

P.H. No 32888/46-2.81-P.H.
18.6.46

SRK

18 6 46

Des. Dept

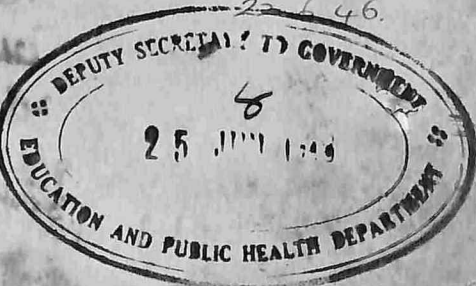
As. The text ~~book~~ is still under setting
point. The S.G.P. has been reminded on
3-6-46. He will be reminded once again
on 22.6.46 with this information the case
may be returned to EPH.

2/26/46
20/6/46.

22626 EPH

EAPH E1

Des. memo. 40548 AIV/46-1
22.6.46.



Please see the note of Des. above. This may
lie over till 10.7.46.

SRK

26 6 46

Des. may be requested to state whether
copies of books on 'Soil Erosion' are available.

SRK

12 7 46

16 SEP 1946
PH No 32888/46-3.81-P.
12.7.46.

Des. Dept

Des. 47991 AIV/46

15.7.46

Des. memo. 47991 AIV/46-1



EPH. The text book is still
under print. Even the proof has not yet been received
the file may be returned to
EPH.

16/26
18 JUL 1946
39116

EAPH E1

Please see the note of Des. above. This may lie over till
1-8.46.

SN 9/7/46

Des. may be requested to state whether
the text book on 'Soil Erosion' has since
been printed and if so, when a copy
may be expected.

10/5/46
Des. Dept

SRK

7.8.46.

Des

Des. PH (E1)
32888 E, PH-4
7/8/46

Des. 56121 AIV/46

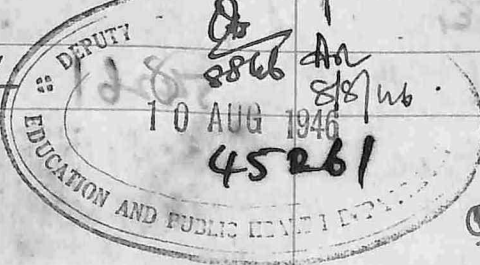
8.8.46

A.S.

Previous note at A
Des. has sent on p 8 above. The
text book is still under print. The S.G.P.
has been reminded on 23.7.46. With this
information the case may be returned
to EPH.

(No. 7993 AIV/46)
no put up

Des. memo.
56121 AIV/46-1
9.8.46



Please see the Des. note. The Des. may be
reminded again on 20/9/46.

10/5/46
Des. Dept

SN 13826

Dest may be requested to state whether
Copies of the book ~~are available~~ has since
been printed.

10/9/46
ar
10/9/46

Sm
10/9/46

Dest

P. Huo 32834/46-581-11
10.9.46.

Des 66782 AW/ab
11.9.46
Dest A.V.

A.S. Dest. last saw on p q above. The text book
is still under print. The S.G.P. is being
reminded. With this information, the file may
be returned to E.P.H.

12.9.46
12/9/46

11/9/46 E.P.H.
E.P.H. 11

Please see the note of Dest above. They may be
reminded again, if necessary on 15.10.46.

9/11/46
ar
10/11/46

S.P.K.
18.9.46

16 SEP 1946
54261
12224

Dest may be requested to state whether the book
on 'Soil Erosion' is available, and if so, to send a
copy of the book ~~for reference~~

16/10
ar
16/10/46

17.10.46

P. Huo 32834/46-6.81-11
17.10.46.

Des 78769 AW/ab
18.10.46

Dest A.V.

THIRD ASST. SECRETARY TO GOVERNMENT
18 OCT 1946
DEVELOPMENT DEPARTMENT

A.S. (Dest notes at p 10 above) The text
book is still under print. The S.G.P.
has been reminded today. With this
information, the file may be returned
to E.P.H.

Des 78769 AW/ab
21.10.46
18/10/46

9/11/46 E.P.H.
E.P.H. 11

21 OCT 1946
47289
EDUCATION AND PUBLIC HEALTH DEPT.

Please see the Dest. note above. They
may be reminded, if necessary, on 20.11.46
9/11/46
ar
22/10/46

P. H. No. 32887 u6.7.81 P.H.
21-11-46.

80
20711
85
20-11-66

~~Y
2. prob. her~~

Dw 89750 Arch

22-1066

ASSISTANT SECRETARY
NOV 22 1946
DEVELOPMENT DEPARTMENT

A.S. Desk last saw on p. above.
 phot copy of
 portion of the text book on Soil Erosion
 has received from the S.G.P. He has
 been reminded for the entire proof as it is
 being awaited till 1-12-46. With this information
 the case may be returned to SPH.

22.11.2023

$$\frac{2 \text{ ст. в.}}{2 \text{ ст. в.}} \frac{2 \text{ ст. в.}}{2 \text{ ст. в.}}$$

Please See the note of Debt above. ~~Keep~~
~~any also recorded if necessary on~~

P.T.O

89750 A10/lab-1
NOV 1968
72984
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE
RECEIVED AND PUBLIC HEALTH DEPARTMENT

~~0015-12-46~~. This may lie over Dec 15-12-46 3-1-47.

8
28/11/06
83
28.11.06

4
29/10/2020

Des't may be requested to state whether copies of books on 'Soil erosion' are ^{now} available and if so, to put up a copy of the book.

7P 7/11/47

Q. 420 32868/16-8-61 PM 87-
7-1-47 4-1-47

2242 A10/42
8447

ADDITIONAL ASSISTANT SECRETARY TO GOVERNMENT
8 - JAN 1947
DEVELOPMENT DEPARTMENT

8-441 Sub 112
A.S. This Sept. notes on p 12 above.
Proof copy of the Tech Book on Soil Erosion
has been received ~~in~~ and is under
proof correcting stage. EPH may be
requested to renew their request
a month hence.

Thru'
Soil Erosion Section
A2
9/1/47

$\frac{8147}{9147}$

See work. 2242 A 10/07/1

7-147
ASSISTANT SECRETARY TO GOV.
16 JAN 1941
2845
EDUCATION AND PUBLIC HEALTH DEPARTMENT

May tie one till 15-2-47.

$$\begin{array}{r} 8 \\ \hline 16147 \end{array}$$

Best may be requested to put up a copy of the book on 'Soil erosion' if ~~it is~~^{caption} now available with them.

8
17/2/47
Huo 32888/UL-9EIPN
22.2.47 181

24 FEB 1947

See 17811 The book is still in the
proof stage. It will take at least
2 months before copies
are available. 2/22/71 CPH

Dean see Dev. note on p. 13 ante.
May lie over till 1.4.47

8
25/4/47
B
2/4/47

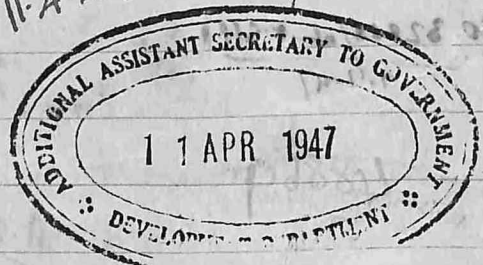
E
2/4/47

E.P.H.
E1

Dev. may be requested to state whether copies of books on soil erosion are now available and if so, to put up one copy and return the file to this dept.

8
1/2/47
B
2/4/47

Dev. 33967AIV/47
11.4.47



Dev

The second proof of the book has not yet been read for the Press although it is more than a month since the first proof was returned after correction. It may take another month or two for copies of the book to be ready

SPH

E.P.H. (E1)

This may lie over

till 20.5.47

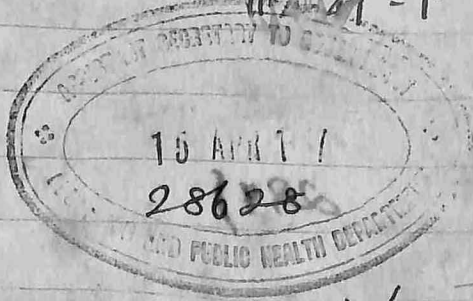
B
16/4/47

Dev. may be requested to state whether copies of books on soil erosion are now available and if so, to put up one and to return the file to this dept.

8
2/5/47
B
2/5/47

E
2/5/47

Dev. 49899AIV/47
29.5.47



Dev. 33967AIV/47
11.4.47

SPH

PH 32888/47-11-81 PH
26/5/47

Dev. 49899AIV/47
29.5.47

To S. 407 BII

Dev. Dept.

A.S.

E1

(A)

The Second Proof of the Text Book on Soil Erosion has just been received and is being corrected. It may take a month or two for copies of the book to be ready. E. P. H. may be requested to renew their request ~~two months~~ after two months.

Dev. 33967AIV/47

8
5.6.47
B
6.8.47

39607 E.P.H.
E1

Dev. 2.0.110.
49899AIV/47
10.6.47

Please see the Dev. note above. This may lie over till 15.8.47



SPH

8
13/6/47
B
16/4/47

E
17.6.47

Dev. may be requested to state whether copies of books on soil erosion are now available and if so, to put up one copy and return the file to this dept.

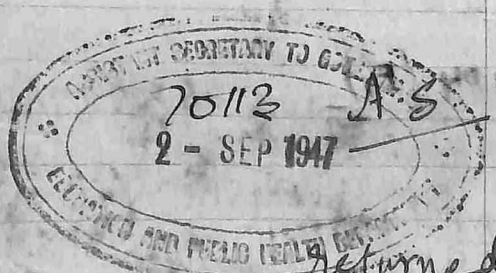
PH 32888/45-12-21 PH



79160AIV
21.8.47

8
19/8/47

Dev.



Dev. Dept.

The final proof copy is being returned to the Press for striking off clean copies. With this information the file may be returned to E and P.H., who may be requested to renew their request after a month.

Dev. 33967AIV/47

8
28.8.47
B
28.8.47

30807 SPH

Dev. 2.0.79160AIV/47
1.9.47

SPH

May lie over till 1.11.47
31917

Dept may be requested to state whether copies of books on soil erosion are available and if so, to put up one copy and return the file to this dept.

1/10/47

3/11/47

revised

Dev

CP

PH No 32888/47-13-21-47
6/11/47
New 95827A IV/47
6.10.47

Next A IV

A.S.

The Text Book on Soil Erosion

A spare copy of the Proof is put up. The file may be returned to E and P.H. B.

Orders have been given for the final stamp of 7 copies. EPH may proceed on the assumption that copies will be available within the next few days. EPH may now issue notice for the inclusion of soil erosion in the curriculum studies.

Thro. B II to put up the spare copy of the proof

Space for stamp of 7 copies as per the list of institutions for the curriculum studies.

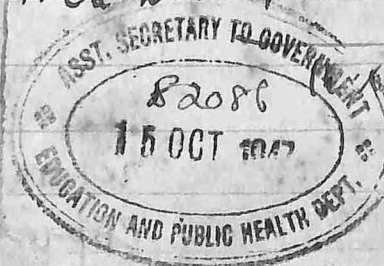
2 (now)

EPH

EPH (E)

The notes on pre. pages need not be read

PH No. 95827A IV/47



Please see the Devt dept note above.

A spare copy of the uncorrected proof of the Text Book on 'Soil Erosion' placed below may be perused. Chapter XVIII of the text book deals with soil erosion and its relation to malaria.

The text book on 'Soil Erosion' was intended for use of departmental officers and students

PICF (Memo) (15/10)

(80 M)

in Agricultural and Forest colleges. As the book deals with a variety of methods for the prevention and control of soil erosion from the Agricultural, Forest Engineering and anti-malarial points of view, it was considered that it could be used not only in Agricultural and Forest colleges but also in Engineering colleges, medical and Public Health Institutions where anti-malarial measures were taught. The S.G. and the D.P.H. were consulted whether the subject 'soil erosion' should be included in the curriculum of Studies of the medical and public health institutions with which they were concerned. The S.G. stated that the subject need not find a place in the curriculum of Studies of the medical undergraduates. He however considers that anti-erosion measures which are now just referred to among anti-malarial measures taught for the B.S.Sc and P.H. classes may find a place under the subject 'Sanitary Engineering' for these classes. The D.P.H. has agreed with this view. This dept have accepted the suggestion of the S.G. and the D.P.H. vide 'A' and 'B' on p. 1 ante. Instructions may now be issued that the subject 'Soil Erosion' should find a place in the curriculum of studies for the B.S.Sc and P.H. courses under Sanitary Engineering. Before doing so, the approval of the Syndicate of the Madras University has to be obtained. A draft letter to the Registrar, Madras University is submitted for approval.

Thro 47

2/10/47

20/10/47

20/10/47

20/10/47

21.10.47

21.10.47

21.10.47

Issued as Memo 32888/45-14-21 P.H. dated 27.10.47

The Regr of the Madras University may be

reminded. A draft letter is submitted for approval.

13/11/47
[Issued as letter no 32888/45-15-ET-PH dated 14.11.47]

[From the Reqr. no CR 5956 dated 22.11.47]
The Reqr. may be reminded again. A draft letter is submitted for approval.

16/12/47
17/12/47

[Issued as letter no 32888/45-16-ET-P. 4 dated 17.12.47]
[Issued as letter no 32888/45-17-ET-PH d 15.4.48]
From the Reqr. the Madras University letter no 1178 dated 17.3.48.

Please see the Registrar's letter at page 20 of the proposal in this file is whether the subject 'anti-erosion measures' should find a place in the curriculum of studies for the B.S.Sc and L.P.H Courses under Sanitary Engineering. The Reqr. of the Madras university who has been asked to obtain the views of the Syndicate on the proposal, has enclosed the recommendations of the Expert committee on the subject. The Syndicate has resolved to approve the recommendations of the Expert committee, which is to the effect that the subject does not come within the purview of the B.S.Sc course and that it may be prescribed for post-graduate students taking up the Degree of Civil Engineering, Highway Engineering and Public Health Engineering.

In the circumstances stated, it is for consideration orders whether the view of the Syndicate of the Madras university may be accepted. If the subject is not to be prescribed for the B.S.Sc course, there seems to be no point in presenting it to the L.P.H course. After orders are passed the file may be sent to P.W.D. for taking further action with reference to the suggestion made by the expert committee at 'x'.

on page 20 of

2/19/48
19/3/48
23/3/48

What is happening to the proposal to institute a course in P.H. Engineering

23/3/48

The reply of the Madras University was received a few days ago and the file on the subject has been sent to officers separately on 24.3.48.

The point for consideration in this file is whether the subject 'anti-erosion measures' should be included in the curriculum of studies for the B.S.Sc. course and incidentally also for the L.P.H. course. The Syndicate ^{says} recommends that this subject does not come within the scope of the B.S.Sc. course ^{and recommends} that it may be treated as a Post-Graduate course for students taking the degree of Civil Engineering, Highway Engineering and Public Health Engineering. The proposal to institute a course in Public Health Engineering is separately under consideration. The suggestion to include the subject in the syllabus for the Civil Engineering and the Highway Engineering is one for consideration in the Education Department in consultation with P.W.D.

In view of what the Expert Committee states, we need not pursue the idea of having this included in the curriculum for B.S.Sc. The amendment for P.H. Engineering may be more appropriate. I may see with Civil Highway Eng. If approval of the Engineering Dept. is given, he may be consulted about all 3 subjects.

In P.P. my be Committee about at the time.

Support A
Please put up a note.

1/4/48

30.3.48

30/3/48

31/4/48

A draft memo is subd with reference to the orders on the previous page.

$\frac{100}{16/4/48}$
 $\frac{100}{16/4/48}$
 $\frac{100}{16/4/48}$
 $\frac{100}{16/4/48}$

[Memo to the D. P. J. No. 27779A-1/488/9.4.48] p 22 of

C. No: 40482A. From the D.P.S no. vi of 26.5.48. H-26-2947

Please see the Memo on page 22 of
and the D.P.'s ^{letter and its enclosure} ~~reply~~ on pp 26-29 cf. In the
circumstances stated by the Principal, Eng College,
Quindry, the ~~proposal~~ ^{suggestion} at A on the previous page
cannot be adopted.

There is a proposal to open a course in P.H. Eng in the Eng college, Quindby and ~~that~~ ^{it} is to be discussed at a meeting of the Standing Advisory Board for Tech. Edu to be held on 15.6.48. Perhaps the question of inclusion of the subject 'anti-~~corrosion~~ ^{corrosion} measures' for the Eng course may be discussed at that meeting. If approved necessary instruction will be issued to the Secy of the Board

$\frac{100}{5/6/48}$
 $\frac{100}{2/6/48}$
 $\frac{100}{5/6/48}$

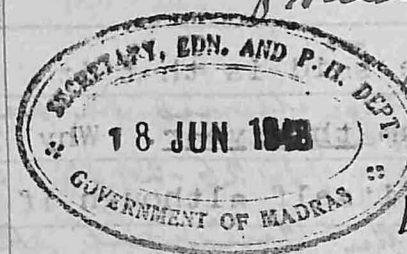
A draft memo is submitted for approval. [Issued as Memo
No. 27779A-3/48A Edr
dated 7.6.48]

This matter of including anti-erosion measures in the curriculum of studies in the Engineering College was considered to be a matter of detail by the Technical Education Board and

it was resolved that it may be referred to the Board of Studies.

SA
17-16-68

The D. P. S. may be asked to arrange for placing the matter before the Board of Studies. A draft memo is subd



18/6/48
18/6/48
18/6/48
[Issued as Memo. No. 27779A-4/48]
Edn. 2. 18.6.48.]

p37c. c.no. 85016 from the D.P.G. No. 1056 K₂/48 d. 4. 11. 48.

The D.P.T. reports that the Bd. of Studies of the Madras Uty. Considered that it would not be possible to include the Subject "anti-erosion measures" in the syllabus of the Engg. Course under the proposed three year course. ~~The Uty. has said~~ The Principal, Engg. College, Guindy, states, in this connection, that all important subjects, whether they are included in the syllabus or not, are taught to the students of his College; and that, to a certain extent, the Subject of "anti-erosion measures" is also taught.

2. It may be noted that the Uly. has not as yet come to any final decision regarding the introduction of the proposed three year B.E. Course, in the place of the present four year one. If, for any reason, the proposed three year course does not materialise, the question of including the subject "anti-erosion measures" in the syllabus of the B.E.

P. V. D.

course can again be taken up with the city. This file may therefore lie over till a final decision is reached on the question of introducing the proposed three year B.E. Course.

18-11-48/10/22/11/48
22/11/48
22/11/48
H.N. (Edn)?

"What the Board seems to have said is that it cannot be included in the curriculum this year. Why can't it be included in the course itself although its introduction may be in the next year or in the 4 year course if that is to continue".

M.V.S.
25-11-48.

Secretary's query above:-

Submitted.

'A' overleaf:- The Principal states

that "the Board considered that the subject "Antierosion measures" cannot be included in the syllabus of the 3 year course, as they thought that the 3 year course would come into operation from the year 1948-49." The Board is averse to including the subject in the curriculum of the B.E. course, because of the proposed 3 year course (for, under that, there will be need for cutting down the existing curriculum; and no additions can be thought of). So, the subject "antierosion measures" can be included only under a four year course; and it is desirable to move the Board of Studies again in this regard, after a decision is taken regarding the introduction of the 3 year course. (If the 3 year course is to be introduced, the question of including the subject "anti-erosion measures" in the B.E. curriculum will not arise, as the Board of Studies considers it impossible. If however, the 3 year course is not to be introduced and the 4 year course is to be continued, then the Board can be asked to consider the question of including the subject in the

P.T.O.

curriculum).

P.R.B.
27-11-48
A.J.M.
30-11-48

I.B.M.
1-12-48.

Get the point clarified on the lines I have indicated

M.V.S.
2-12-49.

Secretary's orders overleaf:-

A draft Memo to the D.P.I. is submitted for approval.

P.R.B.
9-12-48.
A.J.M.
10-12-48

I.B.M.
11-12-48.

(Issued as Memorandum No.27779-A-6/48-A-Edn., dated 13-12-1948.)

From the D.P.I.No.1056-K2/48, dated 21-10-49.

The Board of Studies in Engg. of the University of Madras considers that the subject "antierosion measures" is already covered to the necessary extent in the existing Civil Engg. syllabus for the B.E. degree course and does not therefore consider it necessary to include "Antierosion measures" as a special subject of study. In the circumstances, there is no further action to be taken in this file. Dev. may see, before the papers are recorded.

D.P.I. No. 27779-A-10/48A
dated 31-10-49

106981

To As

Food and Agri. no.

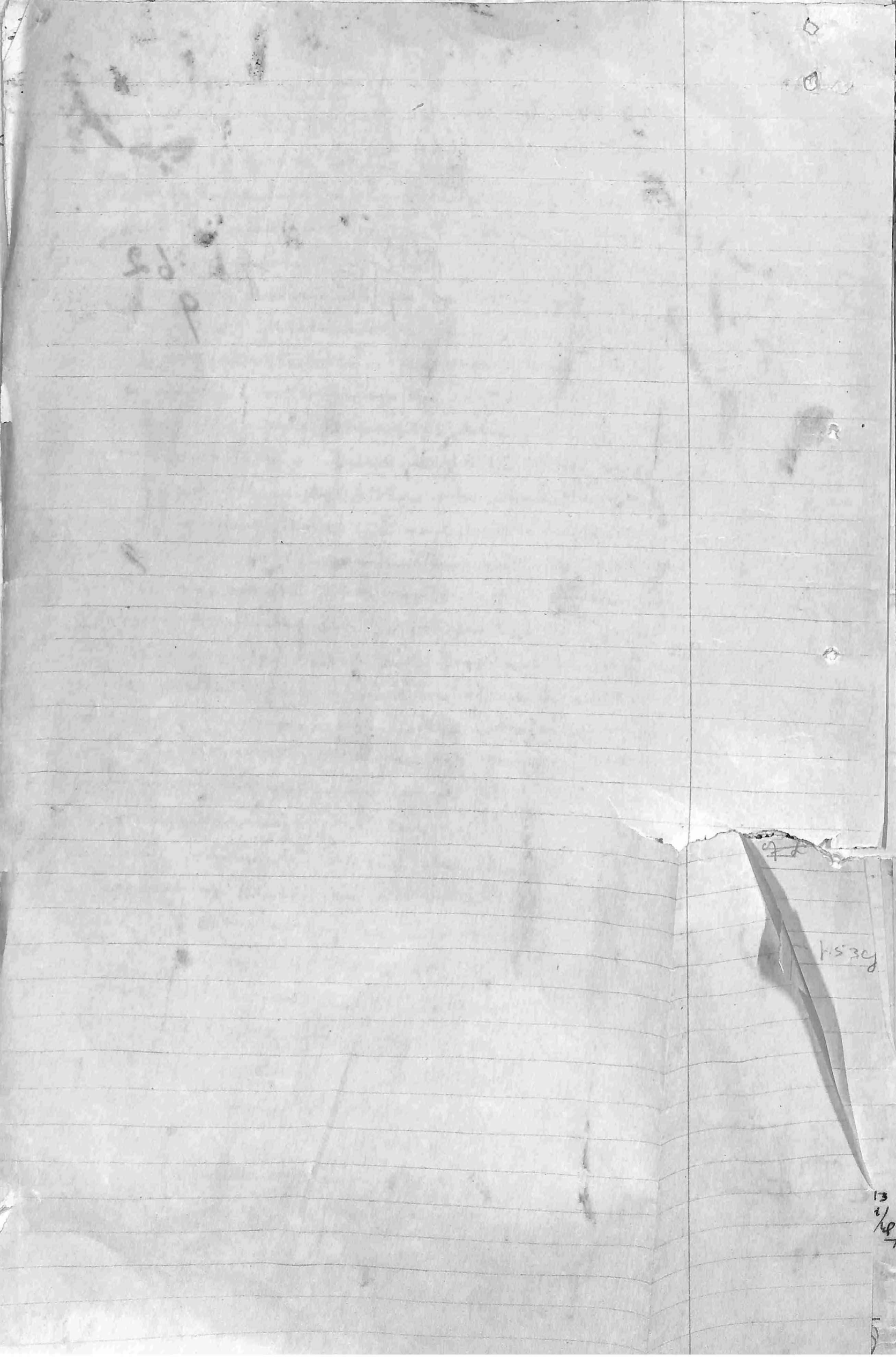
Vm
4/11/49

Thrupp
P.T.O.
2-11-49



106981A/49-1

4/1/50



27

1530

13
2/48