Sectt II-27—15,004—22-8-46.

E&PH. (1947) Department.

Edn SERIES. A

Cbted 85

G.O. NO. 1721 Edn

Orders on p9bcf

Dated 31-7-47

163

[Despatch Abstract.]

University - Annamalai - Road construction and Minor Irrigation Overseers course - Students' request for taking the LCE diploma - Orders passed

14/8/47

Back Papers.

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

Further Papers.

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

---

② ✓

To

Hon'ble The Minister for Education,
Government of Madras,
Fort St. George, MADRAS.

Through
The Vice-Chancellor,
Annamalai University,
ANNAMALAINAGAR.

Honoured Sir,

Sub:--ANNAMALAI UNIVERSITY--OVERSEER DIPLOMA COURSE STUDENTS--REQUEST FOR FACILITIES TO TAKE L.C.E DIPLOMA.

Letter

pp 19-20 c of of Ⓜ Pursuant to the suggestion of Government in their G.O.49267, C-5/44. d/ 14-11-45 the Annamalai University started Road Construction and Minor Irrigation Overseers' course of two years duration. This University inserted advertisements in some of the prominent dailies regarding the starting of this course. It was attractive in the sense that in two years' time the students will be standing on their own legs, which, of course, is a great boon to many of the middle-class families.

During 1946-47 the Government have opened a number of polytechnical institutions in the Province, in most of which there is provision for a Civil Engineering Diploma of three years duration corresponding to the L.C.E. of the Guindy Engineering College.

In the course of three years the Province will be having a -- number of candidates with L.C.E. Diploma, which will be considered by the employers as a qualification better than what we will be having, after completing the two years course here. This means -- we will be unable to compete in our profession, with the L.C.E. -- Diploma holders and this will certainly affect our future promotions and prospects, especially of those who are above the average.

We have been already taught to a fairly good standard, all -- the Engineering subjects needed for a subordinate Engineer and if facilities are given it will not be difficult for us to attain the standard of L.C.E. by undergoing a course of training for one more year if necessary in such of those subjects which are found omitted in our syllabus as compared to the syllabus of the L.C.E. (vide --

Appendix

3 ③

Appendix attached). It may be also useful to point out that we -- have undergone training in certain subjects viz., Field Engineering, Electrical Engineering and English Composition which are not --- included for the L.C.E. Diploma.

We, the following, therefore, pray that our cases may kindly be considered and facilities offered to come up to the L.C.E. -- Diploma standard. This will improve our lot in life in the long run and this act of kindness of Government will be ever green in our memory.

We have the honour to be,
Sir,
Your most obedient students,

Forwarded
M. Ruthnaswamy

[illegible]
(Junior Engineering
Association, Annamalainagar

S2 . Class 5 (Overseer II year)

1) B. Parama Sivam
2) Kaleesoof
3) V. Krishnan
4) U. Rajarathnam.
5) R. Ganesan.
6) K. Mahalingam.
7) L.N. Sarma
8) S.P. Ananthakrishnan..
9.) J.V. Naganathan
10) T. Ramalingam
11) Narayanaswamy
12. N. J. Muthu Kumaran
13. Kesavalu
14. Y. Sri Ramasastry
15. R. Viswanathan.
16. L. Kalyanam.
17. C. Satchidanandam.
18. Rangaiah.
19. R. Govindarajalu.
20. A. S. Natarajan
21. I. Manickavasagam
22. A.K. Ramarao
23 Ch. Umamaheswararao
24 S. Balakrishnan.
25. A. Shanmugasundaram.
26 P. Padmanabhan
27. Ch. Bhaskara Ramamurty.
28. C Srinivasa Reddy.
29. N. Parthasarathi
30. Sachi.
31. G. Venkateswaran.
32. M. Paramasivam
33. A. Rangaswami
34 S. Venkatasubramanian.
35 S.S. Balaraman.
36 N. Ramaswamy.
37 Kumaraiah
38 S. Loganathan
39. V.R. Radhakrishnan
40. A.R. Ramadoss
41. V. Nagagirisvaran
42 A. Mahadevan.

43. C.R. Ramachandran
44. C.R. Sundar Rajan.
45. Shanmugam.
46 S. Varadachari.
47. M. Krishnan
48. A. Krishnamurthy.
49. K.V. Natarajan.
50. K. Gopalaratnam.
51. A. Thangavelu.
52. K. Ramanathan.
53. M. Varadaraja Mudali
54. S. Raghavendran.
55 V. Srinivasa Rao
56) Neelakantan P.S.
57). N. Subbaiyan.
58) M.K. Ramamurthi
59) M. Shanmugasundaram

S1 class (overseer I year) (S)

G. Muthaiyan
2) S. C. Thangam
3) K. Muthaiyan.
4) T. Mahalingam.
5) Ramapathy
6) M. Gokulachandran
7) V. P. Jeyaraman
8) N. Rajagopalan
9) S. Rajagopalan.
(10) S. Muthuswami
(11) R. Palani Swami
12) M. [illegible]
13. Lakshmi narayana Choudary
14. V. Kanniah Naidu
15. R Kannan.
16. S. H[illegible].
17)
18. K. Meenakshi Sundaram
19. K. Palaniappan
20. T. Krishnamurthy Rao
21. K. Narayanan Chetty.
22. K. V. Natarajan.
23. [illegible]
24. N. Ganapathi.
25. S. Padalinathan
26 Maran Thomas
27
28. T. S. Krishnamurthy
29. S. Nani
30. N. Abba Rao.
31. M. Ambalavanan
32 Sathiah.
33. K. Jayaraman.
34. K. V. Srinivasan.
35. R Vaidyanathan
36. S.
37. V. Murugesan Pillai
38. R Ramachandra Rao
39. Bakthan
40. S. Valliappan
41. A. Subbarayan
42. S. Swaminathan
43. S. Ramamurthi.
44 S. Subramanian
45 T. Ranganathan,
46 M. Sundaram
47 P. Sundaram
48 R. Srinivasan.
49. A. Ramasamy.
50 T. Veerabhadracharyulu
51 Y. Ramachandra Reddy
52 Alankaranayan
53 K. Rangaswami.
54 S. Viswanathan.
55 A. Raman
56. T. M. Vedantha Ramanujam
57. Syed Abdul Hafeez
58. P. Ramamoorthy.
59. S. Veeraraghavan.
60. Sivaraman.
61 S Selvaraj
62. R. P. Chakkappa Chetty
63. P. T. Srinivasan

APPENDIX.

A comparison of the syllabuses framed for the -- L.C.E. Diploma with that for the Overseers will ---- clearly show that they are identical for all practical purposes except that Sanitary Engineering and -- Economics are added for the L.C.E. They do not have Electrical Engineering, Field Engineering and English Composition which are taught for the Overseers here. We do also "Railways" under "Roads". The L.C.E. -- course certainly has some additional portion under -- MATHEMATICS in Algebra, Mensuration, Trigonometry, Calculus; under APPLIED MECHANICS--deflection of -- beams, torsion of shafts, helical springs, three-hinged arches; under MECHANICAL ENGINEERING--petrol anddiesel engines, manufacture of W.I. and tooth-gearing, etc; under SURVEY--heights and distances by theodolites and simple stadia measurements; under HYDRAULICS--Pitot's tubes, submerged orifices, bridge openings, Chezy's formula, channels of minimum -- border, etc. In certain other subjects too, the -- standard is slightly higher.

-0-

SUBMITTED TO THE VICE-CHANCELLOR.

It was the original idea that there is need for a class of Road and Minor Irrigation Overseers and it was on this understanding that the course was started. If the Government do not find need for this class of people now and are proposing to train and employ L.C.Es hereafter, those who have undergone the Overseer course will find themselves at a great disadvantage and it is necessary that an opportunity should be given to them, if they so desire, to qualify for the L.C.E. Diploma after a further course of study to make up the portions not already covered in their two years course in the Overseer classes. [There will be no use in their attending the third year L.C.E. course in some other Institution. A special Course will be required and can be arranged here if necessary.] In case this is agreed to, it would be desirable for the University to conduct the second year examination.

ET 262 / 27/2

25-2-47

U.C. Chakko.

Head of the Department of
Engineering & Technology.

E.& P.H.(G.3)

Memo. No. 17853/3/47-1 Edn., dated 13-3- 1947.

Rc. 21/3/47

University - Annamalai - Overseer Diploma course - Students' request for facilities to take L.C.E. Diploma.

~~On the representation of~~ A copy of the representation received from the students who have ~~undergone~~ joined the Overseers Diploma course at the Annamalai University requesting for facilities to appear for the L.C.E. ~~Exam~~ Diploma Examination, ~~together~~ ~~with~~ with the remarks of Dr.K.C.Chakko, Head of the Department (of Engineering and Technology at the University) thereon ~~has observed as follows:--~~ is forwarded to the D.P.I.

~~" x x x x x x x x~~

~~There will be no use in their attending the third year L.C.E. course in some other institution. A special course will be ~~required~~ required and can be arranged here if necessary. xxx x x "~~

P11Cf

The D.P.I. is requested to ~~examine~~ ~~examine and state~~ offer his remarks on the alternative proposal as proposed by Dr K.C. Chakko, i.e. whether these boys may not be allowed to continue for one more year in the Annamalai University itself and be entitled to a certificate of L.C.E. ~~and if so, he is requested to submit a detailed report on the conditions if any under which the further course can be started by the University.~~

This reference may be treated as special ~~and an urgent reply sent~~.

13-3-47

Combined
14/3.

To
The D.P.I. (with enclosures pp 1-3, 9 & n.cf)

13/3/47
13-3-47

P.T.O.

(8) ent/3

University - Annamalai - Overseer Diploma course - Students' request for taking the LCE. diploma.

P13 ante Memo. No. 17853-G3/47-1 Edn dt- 13.3.47.

Memo. No. 17853G3/47-2 Edn dt 23/3/47.

The DPI is requested to send his reply at a very early date.

W
22.3.47

dp
22/3/47.
av
22.3.47

Didhas ent.?

To
The D.P.I.
dp
25/3

E&PH (G3)

University - Annamalai - Overseer Diploma course - students' request for taking the L.C.E. diploma.

Memo. No. 17853-G3/47-1 Edn dt- 13.3.47. P13 ante
Reminder dt- 23/3/47. P14 above

Memo. No. 17853G3 Edn dt- 1/4/47

The DPI is requested to send his reply ~~at a very early date~~ without delay.

W
31.3.47

dp
31/3/47
av
31.3.47

To
The DPI.
dp

Roc.366 K2/47.

Office of the Director of Public Instruction,
Madras, dated 1.4.47.

4 APR 1947

From

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

To

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

Sir,

Sub: Annamalai University - Overseer Diploma Course - Students' request for facilities to take L.C.E. Diploma.

26892
4.4.47

P13 ante Ref: Government Memo 17853 G3/47-1 Edn. dated 13.3.47.

PP15-16 infra

I have the honour to enclose herewith a copy of letter No. 1/20-B/47 dated 26.3.47 from the Principal, College of Engineering, Guindy on the question raised in the Government Memo. As pointed out by the Principal, the opinion of the Board of Visitors of the College of Engineering, Guindy is necessary and the Principal is being requested to place the subject before the Board and communicate their views to me.

A

1/2

For Director of Public Instruction.

P.R.2/4.

3/4

COPY OF: Endt. No.1/20-B/47 dated 28.3.47 from the Principal, College of Engineering, Guindy.

Sub: University - Annamalai - Overseer Diploma course - Students' request for facilities to take L.C.E. Diploma.

Ref: Director's N.R.C. No.366 K.2/47 dated 18.3.47.

Resubmitted to the Director of Public Instruction, Madras.

2) The request of the students of the Road and Minor Irrigation course of the Annamalai University raises many important issues which have to be very carefully considered.

3) The Public Works Department require three types of technical personnel, viz., (1) Degree-holders; (2) Upper Subordinate or L.C.E. Diploma holders and (3) Lower Subordinate or Draughtsman Diploma-holders. The Road and Minor Irrigation Overseers are equivalent to the third type of technical personnel.

4) A substantial number of the technical personnel of the first type are being employed for jobs that can be done by the technical personnel of the second type. They are not happy over it, although they get a starting salary of 50% more than that of technical personnel of the second type.

P.T.O.

5. Owing to acute shortage of technical personnel of the third type, those of the second type have to be employed on jobs that can be done by those of the third type and their discontent is causing serious anxiety to the Public Works Department.

6. The biggest problem that the Public Works Department is now faced with is the supply of technical personnel of the third type. The Board of Visitors of the College of Engineering, Guindy has been considering this question for some time, but has not yet found a solution. The matter is still under the consideration of the Board of Visitors.

It was to meet the demand for technical personnel of the third type that the Government of Madras gave a substantial grant to the Annamalai University to start the Road and Minor Irrigation Overseers course. Dr. Chakko says in his endorsement to the Vice-Chancellor of the Annamalai University that "if the Government do not find need for this class of people", the students of this class should be given an opportunity to qualify themselves for the L.C.E. Diploma. The Government is not only in need of these men, but is in dire need of these men. Whether or not the students should be permitted to take the L.C.E. Diploma is to be decided by the need of the Government, then the answer is most emphatically in the negative. But, I am afraid that the students would still request for facilities for the award of the L.C.E. Diploma.

7. The question now is, how are the Government going to obtain the supply of technical personnel of the third type, if the students of the Road and Minor Irrigation Overseers course are going to be permitted to take the L.C.E. Diploma after an additional course of one year? A proposal of the Board of Visitors of the College of Engineering, Guindy, is to train technical personnel of the third type by taking S.S.L.C. completed students. This course is to be called the 'draughtsman course' and will be similar to that of the Road and Minor Irrigation Overseers course and only differs in degree but not in kind from the L.C.E. course. If the students of the Road and Minor Irrigation Overseers course are permitted to take the L.C.E. Diploma, the students of the Proposed draughtsman course will also ask for the same facilities. The passed draughtsman and Lower Subordinates of the College of Engineering Guindy will also ask for the same facilities. The holders of Group Certificate in Civil Engineering of the Government Technical Examinations would also ask for the same privileges. All these will cause complications in the solution of the problem of supply of technical personnel of the third type.

8. A suggestion that has been made by me to the Board of Visitors is not to have any other course lower than the L.C.E. course, but to obtain technical personnel of the third type from the L.C.E'S by classifying them, and making those passing in the last class eligible for appointment to posts for which technical personnel of the third type are required, viz. draughtsmen and overseers. Such a procedure has precedents. For example, only First and Second Class Honours Graduates are eligible for appointment as Assistant Lecturers in Government Colleges and only those S.S.L.C's who have obtained the prescribed percentages of marks in the various subjects are eligible for appointment in Public Service.

9. In view of the complications involved in the grant of the request of the students of the Road and Minor Irrigation Overseers course of the Annamalai Universit , it is necessary to give very careful consideration to this matter and I suggest that it may be referred to the Board of Visitors of the College of Engineering, Guindy.

Sd/*****
Principal.

(TRUE COPY).

For Director of Public Instruction.

P.R.2/4.

E.& P.H.(G.3)

23/10/4

P.C. to issue

PP15-16 cf

Issued 9/4

8/4/47

Dated R 11/

T.M.

From
The Asst.Secretary to Govt., E.& P.H.Deptt., Madras.
To
The Dy.D.P.I.

Ref:- D.P.I.'s letter Roc.No.366 K.2/47 dated 1-4-47 - Annamalai University - Overseer Diploma course - Students' request for facilities to take the L.C.E. Diploma.

Please state/very urgently when the next meeting of the Board of Visitors, College of Engineering, Guindy, will be held and when the views of the Board on the subject ~~cited above~~ may be expected ~~to be received~~.

8.4.47

18

C.F. 3

OFFICE OF THE

Date 194 . A 19

Hours Minutes 11

TELEPHONIC MESSAGE.

From	To
The D. P. I	The H. S.

T. M. No 366 K2/47 d/ 17.4.47.

Sub: Annamalai University – Overseas Diploma Course – Students request for facilities to take the L.C.P Diploma

Ref: Your T.M. of 9.4.47.

The principal says that he has requested the president of the Bd. of Visitors to fix a date for the next meeting and a reply is expected next week

A/

Sd/ 17/4

[Please write on both sides.

P.T.O.

C.F. 18.

DRAFT FOR APPROVAL.

SUBJECT :—

	Date.	Initials.
When received for fair copying ..		
When copied ..		
When examined..		
When signed ..		
When despatched.		

READ AGAIN ______________, dated ______________ 19____

" " ______________ " ______________ 19____

READ ALSO :—

No. ________ From the ______________, No. ________, dated ________ 19____

" ________ " ______________ " ________ " ________ 19____

" ________ " ______________ " ________ " ________ 19____

Order / Resolution Ms. / Rout. No. ________, dated ______________ 19____

P 13 of ~~..~~ 2.

No. 17853 8/3/47 & Edn dt. 13/3/47, ~~very urgently~~ as orders should be issued very urgently in the matter without further delay.

22/4/47.

22.4.47

22.4.47

23

C.F. 16.

DRAFT FOR APPROVAL.

SUBJECT :—

	Date.	Initials.
When received for fair copying ..		
When copied ..		
When examined..		
When signed ..		
When despatched.		

READ AGAIN ____________, dated ____________ 19____

" " ____________ " ____________ 19____

READ *ALSO* :—

No. ______ From the ____________, No. ______, dated ______ 19____

" ______ " ____________ " ______ " ______ 19____

" ______ " ____________ " ______ " ______ 19____

Order/Resolution Ms./Rout. No. ______, dated ____________ 19____

24

14

63

IV

POST COPY OF THE TELEPHONE MESSAGE DATED 17-4-1947.
NO.366-K2/47.

From
The Director of Public Instruction, Madras.

To
The Assistant Secretary ,
Education and Public Health Department.

---

19 APR 1947
30406

Sub:- Annamalai University - Overseer Diploma Course - Students request for facilities to take the L.C.E.Diploma -

Your Telephone message dated 9-4-1947.

The Principal states that he has requested the President of the Board of visitors to fix a date for the next meeting and a reply is expected. next week.

for Director of Public Instruction.

kp.18-4. sd/18/4.

SUBJECT :

E7 PH (173)

This is only a P.C. of [illegible] 19-20 dated.
May be added to file.

22/4/47

22/4/47

---

26 (15)

Annamalainagar,
17th April, 1947.

(8)

H.M. Edn.

From

M. K. Ramamurthy,
Representative Overseer Class,
Annamalai University,
ANNAMALAINAGAR.

PRIME MINISTER
19 APR 1947
GOVT. OF MADRAS

To

The Hon'ble The Prime Minister,
Government of Madras,
MADRAS.

Honoured Sir,

We the student representatives of Overseer class of Annamalai University had been on a daputation on March 2nd, to the Prime Minister and the Minister for Education in connection with the extending of our two year course further to enable us to be on a par with L.C.E. (Licentiate in Civil Engineering) Diploma holders of the College of Engineering, Guindy. Then the Prime Minister Sri. T. Prakasam and the Minister for Education Sri. K. Bashyam, received our memorandum and informed us that the result will be communicated to us by the 15th of Marc after sympathetic consideration. In continuation to that memorandum we are herewith submitting another on the subject to bring to your notice more relevant facts for consideration.

Since we are the final year students and the matter has to be settled before we leave to our places after examination, we think it necessary to explain our difficulties to you, Sir, in person so that you may be ~~af~~ convinced of the matter for which quick action is necessary.

R

We submit this to you, Honoured Sir, in response to the notification in the dailies regarding "Interviews with the Prime Minister" and we humbly request you to grant an interview to us by fixing a date after the 26th of this month and communicate to us for information. As our Government Exams., finish by the 26th of this month we request the intimation may be made before that date, to the above address.

Thanking your honour in anticipation,

Yours Obediently,
17/4
Representative

From
M. K. Ramamurthy,
Representative, Overseer Class,
Annamalai University,
ANNAMALAINAGAR.

To
Hon'ble The Prime Minister,
Government of Madras,
MADRAS.

Honoured Sir,

In continuation of our memorandum (Copy attached) we beg to present the following facts for further consideration by the Ministry of Education.

The Advisory regime in this province suggested the institution of a "Road Construction and Minor Irrigation" Overseers' Course in the Annamalai University ~~fx~~ expending for 2 years as a wartime measure. A copy of the syllabus for the course is enclosed separately. But during 1946-47 Government opened a number of Polytechniques in the province in most of which there is a provision for a 3 years course leading to "Diplomas" corresponding to the L.C.E. of the College of Engineering, Guindy. In addition to this the Engineering College, Guindy will be turning out a ~~x~~ number of candidates with three years training and Diploma in Engineering will be meeting us in competition for employment in this province. Along ~~thx~~with them, our course of two years and that too with a 'Diploma issued only by the Technological Diploma Board' will militate against our being absorbed in the Engineering services. We are even afraid that it might act as a disqualification as against the category of students coming out of the Guindy Engineering College and Polytechnique INstitutions. But a comparison on the syllabuses for our course and the Guindy College course shows only small differences which can be made up if we allowed facilities of study for even six months either as a continuation course in Annamalai University or in the Guindy College or in the Polytechniques. This additional ~~e~~ equipment and the holding up of a ~~dixpa~~Diploma analogous to that issued in the Guindy college or to be issued by the Ploytechniques will bring us on a par with the three years Diploma holders. A copy of the syllabus for the Guindy course is also appended. A Comparison of this syllabus with our syllabus is also made for easy reference. The portion marked red gives an idea of the portion to be covered by us as per the L.C.E. Course of the Guindy College. The portions marked blue gives an idea of ~~whixhi~~ what we have done but which was not done for the L.C.E. course at Guindy. (Appendix I).

Further the "Joint Director of Industries" who is the Chairman of the ~~Technical~~ Technological Diploma Examinations Board has offered his advice in this matter to university to the following effect:--

1. That in as much as a good part of the L.C.E. Syllabus is covered by our syllabus of the Annamalai University what yet remains uncovered may be done by further extending the course over a suitable period.
2. After making provisions for such extension a "Diploma analogous to the L.C.E." may be given to these candidates.

A comparison of the syllabuses (Appendix I) will once again bear out the recommendations of the "Joint Director of Industries. But the University turned down the recommendations on the grounds of inadequate finance. The University pleads that the Grants given were intended only for the two year course and not for any extended period. While we do not presume to know much of finance, we beg to state that an extension of this course will not cost the University much or ~~by~~ even if it does, it can be made up by a small grant from the Government or by our own paying even slightly enhanced tuition fees. The slightly increased expenditure, the University or Government or We, will have to incur on this account, will be more than repaid by the quality of Diploma holders will complete the ~~exten~~ extended course and thereby serve themselves and the province better, with better knowledge and training.

We may also mention that as this course is going to be abolished from the next academic year the two sets of students numbering about 150 will in the estimation of employers belong to the lowest caste of Engineers and bear the stigma for the rest of their life. This course further prevents us effectively from appearing for any of the higher examinations like A.M.I.E., etc., in Engineering which are open to all others except us. It is unfortunate that out of the whole category of qualified engineers a minority of 150 should be for ever effectively barred from raising themselves higher and from competing on equal terms with other qualified Overseers & Engineers

The very circumstances under which this accelerated and brief course was organised---the war needs of an Advisory Government---have changed. With the change in these circumstances, this short course must have outlived its purpose, but the 150 students, who were taken into the course at a time when there was need for them, should not be left in the lurch and abandoned for ever to bear the Odium of war time inferiority. So we request that this wrong which has been done to 150 young men of this province should be undone by the Popular Government by offering us the facility to qualify ourselves for a Diploma either analogous to or the same as the L.C.E.

We beg to present the following humble suggestions for your considerations.

1. Extending the course in the Annamalai University by calling upon the Annamalai University to divert a part of its accumulated funds for the extended course.

2. If still the University refuses to do so, to call for an estimated expenditure for this extension of the course and after verifying the cost, to sanction the necessary grant which may not be very large. In addition we are prepared to pay enhanced tution fees.

3. Or, Provide for us an extended course in the Guindy Engineering College or in any of the Polytechniques.

4. Or, In the last resort permit us to write the L.C.E. Diploma Examination as private candidates in subjects not covered by the Annamalai University syllabus and confer on us the Diploma.

A

In the light of the facts mentioned above we request a very early and sympathetic consideration by the Ministry of Education.

Annamalainagar.
D/17 - 4 -1947..

We beg to remain,
Honoured Sir,
Yours Obediently,
12/9
Representative

APPENDIX

Typescript .. 1. Guindy Licentiate in Civil Engineering Diploma Syllabus.

2. Copy of the memorandum submitted to the Minister for Education on 2nd March, 1947.

Print .. .. Annamalai University Overseer Course Syllabus.

SYLLABUS FOR THE LICENTIATE IN CIVIL ENGINEERING CLASS, Guindy

5

(19)

34

FIRST YEAR.

BRANCH I

MATHEMATICS.

First paper:-

Computation:- Use of decimals--degree of accuracy in measurements approximations; contracted multiplication and division; labour saving methods; limits of error; use of logarithimic and trigonometic tables; evaluation of formulae; graphical solutions of simple problems.

MENSURATION:--Area and perimeter of plane rectilinear figures; an area of ellipse; sector and segments of a circle; circumference and area of a circle; area of similiar figures; area of irregular plane figure by mid-ordinate rule and simpson's rule.

Second Paper:-

PLANE TRIGONOMETRY:-- Definition of trigonometrical ratios of an angle and graphical determination of their values; setting out angles from values of sine, cosine, etc.; solution of right angled triangle by calculation and drawing; simple applications to heights and distances easy trigonometrical ratios; functions of compound angles; graphs of trigonometrical functions.

BRANCH II

DRAWING.

Geometrical Drawing;- (a) Practical plane Geometry--Elementary pronlems dealing with lines triangles, circles, polygons, methods of drawing plane curves; parabola, ellipse, hyperbola.

(b) Practical solid Geometry and projections--lines, points and plane projections of simple solids. Sectionof solids. Development of plane and curved surfaces. Simple interpretation of solids. Isometric projections.

Civil Engigeefing drawing:-- Masonry details, bonds in brick work, gauged, relieving and inverted arches; foundation and footings; doors and windows; partitions; roof frames, trusses, stairs; drawings of single storeyed buildings from sketches

APPLIED MECHANICS.

Mechanical properties of engineering materials; stress and strain; Young's modulous of elasticity; Elastic limit; ultimate strength; factor of sagety; working stresses;

Velocity and accleration; motion in a straight line; with uniform acceleration;--Newton's laws of motion; force, momentum, energy; Principle of work; Potential and Kinetic energy and their applications, Centrifugal forces; examples of applications of motion in a circle.

Construction

Materials:--

Stones--Varieties of stones met with in South India quarry, blasting with powder and dynamite. dressing average strength and weight of stones.

Bricks and tiles-- Brick earth; tempering, hand and machine moulding, drying, burning, in clamps and kilns. Hoffman's kiln, coloured bricks and tiles pressed bricks. Roofing tiles, flooring and drain tiles. Fire bricks. Average strength and weight of brick. Characteristics of good bricks and tiles.

Lime, cement, Mortar, Concrete and plaster;--Sources and properties of lime. burning intermittent and running kilns, slaking mortar mixing, fat and hydraulic lime. Portland cement manufactured in England and in Madras. Hydraulic mortar, surki, concrete practical tests for lime, cements, strength of mortars and concretes. Plaster and plastering and pointing, whitewashing, colour washing and distermpering and pering walls.

Timber:--Growth, felling, seaoning, natural and artificial preservation of timer, varieties used in south india; teak, sal, irool, Karimarudu, padowke, vengai, venteak, and red and white sedar, rosewood, casuarina.

Geometrical interpreation of the derivative. Gradient of a cur curve. Graphical treatment of maxima and minima of functions of one variable.

Derivative as a rate measurer. Velocity and acceleration expressed as differential coefficient.

Intergation regarded as the reiverse of ~~differenx~~ differentiation. Easy application to areas of plzne curves. Easy applications to volumes of simple solids of revoultion.

N.B. :-- Students are not expected to do any complicated differentiation or intergration.

BRANCH.II

MACHINE DRAWING:--

Coping accurately to scale drawings of simple details such as bolts, nuts, keys, cotters, rivets and riveted joints.

~~CIVILXDRAWINGXXX~~

CIVIL ENGINEERING DRAWING:--

Making working drawing from sketches and specifications of buildings (single and double storeyed) with roof connections and details; iron and steel details ; standard details beams and girders. Bridges and culverts.

ESTIMATING:--

Main principles @ ability to take out quantities for various items in simple building, bridges and culverts. Preparation of data ~~xx~~ and abstracts - approximate estimates.

APPLIED MECHANICS:--

Statics and applications to structures; coplanar forces ; parallelogram, triangle and polygon of forces; parallel forces; centre of gravity and movements - funicular polygons ; graphical determinations of centroids, neutral axis, momements of inertia, radii of gyration and section moduli - graphical determination of stresses in simple frames including effect of wind pressure.

Simple theorey of bending - bending moment and shearing force diagrams for simple cases of loading; manner in which bending ~~xx~~ moment is resisted. and flange stresses in ~~high beams~~ I beams; application to design of wood beams.

Stiffness of beams:--Deflection-relation between bending moment, shear force and deflection-calculation of deflection for cantilever, and freely supported beams for simplecases of loading.

GRAPHIC STATICS.

Clssification of frames- conditions of equilibrium- Bow's notation of lettering-stress diagram for various kinds of trusses for dead leads-fink truss, windliad; shear logs; Dericks.

Warren, N and Lattice girders. Bending moment and shear force diagrams of simple beams. Centre of gravity and moment of Inertia of cross sections. Section modulous.

~~Construxtx~~

CONSTRUCTIONS.

Materials:--Metals, Iron works, smelting, gray and white pig iron castings, pipes and columns of cast iron-chilled castings-strength of cot cost iron-brief description of manufacture of wrought iron. Revets and bolts, punching.and drilling hole. Rivetting, cutting plates and bars; welding. Steel, hard and mild. The Bessemmer process. Strength of steel. Copper, zink, lead, tin, alloys, soldering metals.

*Forms of W.I. galvanized and corrugated iron. Tests and sreength of Wrought Iron.

Paints and Varnishes:--Ingrediants of paints, litharge, turpentine, linseed oil. Mixing paint. Paiting old and new work. Wood oil. Coal Tar. Varnish. Putty. Glazing.

Foundations:--Piles. Coffer dams and caisans. Well foundations brick and iron walls. Mode of sinking wills. Patent excavaters for well sinking setting out buildings from working plans. carpentry.

Carpentry:--Mortise and tenon joint-fishing and scarfing-iron strap and bolts-roof and bridge frames- nature of stress in different membwrs detail of joints-frames of timber and iron combined-trussed beams-timber floors-stirs,designing and setting out-doors and windows-centering for arches-striking centres-partitions.

Roofs and floors:--Terrace roofs and floors and joists, beams and joists or iron girders and joists. Bengal terrace roofs. Fire proof floors. Brick arched roofs. Pitched floors.couples, trusses. rafters, purlins and reapers. Roof coverings of thatch, tiles, slates, and shingles. Ceilings. Floors of stone, brick and tiles, concrete, timber and asphalt. Simple form of iron roof. Use of Tee, Angle and Channel iron in compression and of rods and flat bars in tension. Joints and connections. Shoes, rivets, bolts. Iron and timber purlins, brackets. Patent tiles, Corrugated iron, lead and zinc roofing. modes of attachment. Ventilators. Bridges.

Bridges:--Types of bridges. Selectionof site-waterway foundations ordinary, subaqueous and well foundations centerings. Empirical rules for thickness of arches, abutments and piers; causeways and wooden bridges.

ROADS AND EARTHWORK.

Importance of roads. Preliminary investigations. Survey and considerations affecting allignment. Earthwork and foundations for roads. Classicification of roads. Earth, gravel, Waterbound Macadam and other surfaces like Tar, Bituminous asphalt and concrete.Hill roads bridle paths. Methods of construction, Subdrainage, surface drainage, gradient, camber, Maintenance of Roads. Dust prevention road side arboriculture.

HYDRAULICS.

Hydrostatics; pressure at a point, total pressure, resultant pressure centre pressure, measurement of pressure, equal transmision of pressure siphon, Archimedes principle.

Fluids in motion; Bernoullis' Theorem. Venturimer Pitot tube. Discharge from small orifices, co-efficient of contraction, velocity and discharge. Mouthpieces, large rectangular orifice and rectangular notch. Formulae of Francis and Bazin's. Triangular notch. Velocity of approach gauging weirs. Modules submerged and partially submerged orifices and nothces. Practical applications-tank surplus weirs. anicuts and sluices. Bridge openings. Irrigation.

IRRIGATION.

General:--Irrigation--Definition and general principles of different methods such as flow, lift. parennial. indundation irrigation. Principle crops-duty definition, different methods of expressiong duty, variation of duty.

Rainfall and run-off. Raingauge. factors affecting proportion of run-off to rainfall. Study of rainfall statistics. Flood discharge, methods of determination, gauging of streams. Percolation, evaporation and absorption losses. in irrigation works.

Silt-Kennedy's theorey of critical velocity. formation of deltas. Scour

Storage works with earthen dams, types of earthen dams, material for earthen dams, details of construction and design, rivetment. Solated tanks and tank groups. Rainfed tanks and tanks with supply channels. catchment area and capacity of tanks. Component works, sluices surplus weirs. Causes of failures of earthen dams, breaches.

MECHANICAL ENGINEERING.

HeatEngines:--Steam turbines, petrol and diesel engines,

Machine tools:--General description of lathe drilling, shaping, planing and milling tools.

Materilas used in construction:--iron ores. Manufacture of W.I.and Mild steel. Bessemer process. Properties of copper, zinc, lead, allumin Tin. Alloys of steel. Soldering metals

SURVEYING.

Levels:--Use and adjustment. Different types of levels. Precautions in using levels. Booking and reduction of levels, comparative merits of reduction methods. sources of error, curvature and refraction. Longitudinal sections and their plotting. Cross sections contouring. Sections on contoured plans showing cutting or embankment, estimation of areas and volumes. Use of Abney level and Ghat Tracer.

THIRD YEAR.

BRANCH II

Drawings

Machine drawing:--drawings of simple machine parts from sketches. supplying additional views. preparation of sketches and detailed drawings from sketches of machine parts.

CIVIL ENGINEERING DRAWING.

Simple designs and detailing of Tank sluices, surplus weirs, canal regulators, drop or falls and cross drainage works.

Estimation.

Preparation of detailed estimate for bridges and irrigation works.

APPLIED MECHANICS.

Struts and colums-- formulae of Gordon and Euler--Application of Gordon's and Rankine's formula for safe stress in compression members.
Simple shear and torsional strength of shafts; calculation of Horse Power transmitted by shafts; simple cases of problems under close coiled helical springs.
Elementary treatment of earth pressure; Rankine's formula and its applications for depth of foundations; middle third rule; stability fo retaining walls and dams.
Simple applications fo theory of arches; Three hinged segmental arches.

GRAPHIC STATICS.

Geometrical methods for deflection of sim;ly supported beams. Graphic method of finding thrust of soil and water on retaining walls;--line of resistance for an arch for uniform loading.

CONSTRUCTION: Structural Engineering:

Reinforced concrete.-- Principles of R.C. design-- Theory and design of simple rectangular beams and slabs. Design of Tee beams and columns. Applications to design of continuous beams and floors. Arrangements of reinforcements--Details of construction.

Steel.-- Properties of British standard rolled steel beams. Simple design of beams and built up girders. Curtailment of flange plates. Determination of size, pitch and arrangement of rivets in flanges. Dimple design of plate girders. Emperical rules for proportioning depth of girder and breadth of flange to span. Flanges, web. Connection of web to flanges. Simple trusses.

HYDRAULICS:

Discharge under variable head: Time of filling and emptying a canal lock. Discharge from one prismatic vessel into another. Flow in pipes--Fluid friction--hydraulic gradient, Chezy's equation, inclination of pipes.

Flow in channels--Chezy's equation for uniform flow in channels; co-efficients of Kutter, Bazin and Manning. Practical data--channels of minimum border.

Hydrauli Machinery: General description of ordinary types of centrifugal and plunger pumps.

IRRIGATION.

Head Works: Masonry dams. Designs of gravity type, causes of failure methods of construction. High and low dams.

Diversion works: River weirs,design types of weirs on permeable and impermeable soils, foundations of weirs and protective aprons. Weirs crest shutters,

Distribution system--Alighment of canals, Design of channels capacity, limiting velocity, relation of bed width to depth, side slopes. Masonry works in canals, sluices, falls or drops, surplus escapes, cross drainage works, works in which navigation~~xx~~ is combined with irrigation.

River training works and their object: Permanent and temporary protective works, methods of influencing current and inducing silting up

SANITARY ENGINEERING.

Water supply.--Sources: Rivers, lakes, springs, impounding reservoirs. Wells; construction of wells. Purity; sampling of water for analysis, standards required. Purification; sedimentation, slow sand and mechanical filters, steeilisation.

Service reservoir--Pumps and pumping equipment.

Distribution--methods of arranging distribution pipes. Water supply fittings and fire extinction arrangements--waste detection and prevention--water meters.

Sewerage and sewage disposal--Collection and removal refuse. Sanitary arrangements in houses, sullage night soil, collection and removal. Water closets and urinals. Conservanxy and water carriage systems. House drains, connection with sewers, surface drains; underground sewers--combined, separate and partially separate suste,s of sewerage. Construction of manholes and sewers. ~~Sex~~ Ventilation of sewers. Intercepting and outfall sewers. Sewage disposal; by dilution, land irrigation and by artificial method, Detritus tanks, sedimentation tanks, septi tanks. Trickling filters Activated sludge process. Refuse disposal.

MECHANICAL ENGINEERING.

Transmission of motion and power--shafts, couplings clutches. Belt, rope and chain drives. Spur gearing. Simple problems.

English accessories--condensers, air pumps, governers and fly wheels.

SURVEYING.

Theodolite.--Use and adjustment of theodolite parts for horizontal measurement, parts for vertical measurement. details of theodolite. Measurement of angles, reptition, reiteration, Transversing Gale's traverse system calculation and tabulation of coordinates. Elements of curves, setting out straight line and curve in the field, setting out by means of chords and offsets. Heights and distances. Simple triangulation and simple stadia measurement.

****

[True copy]

17/4
Representative

winding. Design of slot Design of field system. Essential features in the construction of the Stators and Rotors.

Induction Motor.—Calculation of the dimensions. Stator winding. Rotor slip-ring and squirrel cage, Magnetising current. Efficiency.

PROJECT

(Syllabus to cover schemes under electrical generation, distribution, etc.)

Annamalai University
Overseer Course Syllabus.

[True copy]

Annamalai University

SYLLABUS FOR OVERSEER CLASS

(TWO YEARS' COURSE)

First Year

Mathematics

Computation.—Approximations—Limits of error—use of Logarithmic tables—Evaluation of formulæ—Use of squared paper—Interpolation—Graphical solution of simple problems.

Mensuration.—Area and perimeter of plane rectilinear figures—Area of ellipse, sector and segment of a circle. Length of circumference and area of circle-Areas and perimeters of similar figures—Area of irregular plane figure by mid-ordinat[illegible]ule and Simpson's Rule. Surface and volume of Prism, Cylinder, pyramid, cone, sphere, ring, surface and volumes of frusta of prisms, pyramids, cones, and of sectors and segments of spheres, volume of prismoids.

Plane Trigonometry.—Measurement of angles in degrees and radians. Definition of trigonometrical ratios of an angle and graphical determination of their values. Setting out angles from values of sine, cosine, etc. Use of tables of sine, cosine etc., Solution of right-angled triangles by calculation and drawing. Simple applications to heights and distances.

Applied Mechanics

i. *Stress and strain.*-Tension and compression. Hooke's law. Modulus of elasticity. Elastic limit. Ultimate strength. Factor of safety and working stress.

ii. *Elementary statics.*— Parallelogram, triangle and polygon of forces. Easy graphical applications to ordinary frames. Wind pressure on roofs. Centre of gravity.

iii. *Elementary study of beams.*—Bonding moment and shearing force. Sections in steel, wood.

Building materials

i. *Elementary Geology* :—

ii. *Stone.*—Varieties—Quarrying—Blasting—Dressing.

iii. *Bricks and Tiles.*—Brick earth—Tempering, hand and machine moulding. Drying. Pressed bricks tiles. Ordinary, patent and special Characteristics of good tiles and bricks.

iv. *Lime, cement mortar, concrete plaster.*—Sources and properties of lime. Burning, slaking, mortar mixing, cement, surki, concrete. Tests for limes and cements. Plastering, painting. White and colour washing.

v. *Timber.*—Seasoning and preservation of timber, Varieties of timber used in Southern India. Strength and weight of timber. Characteristics of good timber.

vi. *Paints and Varnishes.*—Ingredients of paints, lithargs turpentine, linseed oil. Mixing paint. Painting old and new work. Wood oil. Coaltar Varnish. Putty. Glazing.

Building construction

i. *Masonry.*—Coursed and uncoursed rubble bond in brick-work. Foundations and footings. Wall plates. Wood bricks and plugs. Openings and timber beams for door and windows. Corbelling.

ii. *Carpentry.*—Mortise and tenon joint. Fishing and scarling. Iron straps and belts. Simple roof and bridge frames. Detail of joints. Frames of timber and iron combined. Doors and windows.

iii. *Roofs and floors.*— Pitched roofs. Couples Trusses. Rafters, purlins and reepers. Roof covering Terrace roofs on, joists and beams. R. C beams and slates Floors of stone brick, tiles, cement concrete, timber and ashpalte, Simple forms of iron roofs.

iv. *Stairs.*—Different types.

Surveying

i. *Chain, compass and Plane table.*—Ordinary surveying with chain, compass and plane table. Inaccessible points obstructed lines. Use of optical square and cross staff.

ii. *Level.*—Manipulation and adjustment of level. Levelling. Contouring. Cross sections. Use of Abnry's level. elinometer and ghaut tracer.

Geometrical Drawing

Elementary problems dealing with lines, triangles, quadrilaterals, circles, polygons, method of drawing plane curves parabola, ellipse, rectangular hyperbola. Lines, points and planes. Projection of simple solids. The simple regular solids. Sections of solids.

Sketching and Machine Drawing

i. *Free hand model drawing.*—Ornamental outline. Application of elementary perspective to model drawing of simple objects.

ii. *Machine Drawing.* Ability to copy accurately to scale and supply additional views. Drawings of simple machine parts from sketches and from measurements.

Building Drawing

The work will be based on the syllabuses in construction.

Quantity Surveying (*Estimating*)

Preparation of detailed estimate and abstract estimate supported by data for simple buildings.

Field Engineering

Ground tracing, strength of ropes, chains etc., erection and working of derricks, gyns, cranes etc., knots and lashings, scaffolding.

English Composition

Preparation of reports etc.

SECOND YEAR

Applied Mechanics

i. *Simple Shear.*—Examples of applications in ordinary application structures.

ii. *Strength of beams of timber Steel and R. C.*—Application of simple formulae.

iii. *Design.*—Easy applications of theory and the use of empirical formulae in the design of small bridges, arches and retaining walls.

iv. *R. C. Work.*—Elementary design.

v. *Principle of work.*—Graphic representation, simple applications to machines. Potential and kinetic energy. Power, Horse-power and Friction.

vi. *Specific Gravity.*—Weights of Materials.

Road and bridges

i. General principles of location, alignment and construction of roads—subsoil and drainage.

ii. Road resistance tractive effort and ruling gradients. Camber and metal roads, survey, construction of metal roads in plain and hilly country.

iii. Modern Road Construction. Camber and width of roads, Pavements for cities—Kinds of Roadway—Tar Bitumen asphalt—cement, concrete and methods of using them for road work. Specifications—Road rollers—modern appliances used for road making.

iv. Wear on roads. Influence of wheels, tyres, speed conditions of road surface.

v. Construction of culverts. causeways and bridges, Elementary principles relating to their designs.

vi. Earthwork and other details of railway permanent way.

Hydraulics and Irrigation

i. *Tanks and Channels.*—Pressure in surfaces. Flow through orifices, notches, pipes, channels. Supply from wells, tanks and rivers. Discharge from catchment areas, Construction of tank bunds, escapes and irrigation sluices. Use of simple formulae for the discharge of escape and sluices. Discharge of channels. Permissible limits of fall and velocity in channels. Laying out and construction of channels. Regulation of supply from head sluices.

ii. *Wells.*—Locating sites for wells—geology of water bearing strata—Yield of wells—Boring tools and Boring. Well sinking and steining. Pumps including deep well and bore hole pumps. Water lifts. Piccotah-Mhote. Persian wheel, wind-mills.

iii. *Rural Water supply*—Provision of safe water supply in rural area.

Surveying

Theodolite.—Elementary use and adjustment of theodolites traversing. Gale's system. Setting out straight lines and curves in the fields,

Topographical Drawing.—Conventional signs, map drawing—Representation of ground by contours. Sections on contoured plans. Location of dams, roads and railways on contoured plans, showing cuttings and embankments. Estimation of areas and volumes. (Students will go on survey, camp for 2 weeks.)

Quantity Surveying

Estimating :—Detailing of quantities and preparation of bills of cost—supported by detailed data for the high-way and irrigation works.

Use and maintenance of records like Muster Rolls—Stock registers—Measurement book—work registers etc.

Preparation of workslip—deviation statement—Revised estimates—Completion report—tenders—contracts.

Elementary Mechanical Engineering

Fastenings:—Bolts, nuts, keys and cotters, riveted joints and connections generally, pipes and cylinders.

Transmision of Motion and Power.—Shafts, couplings, clutches, pedestals, and wall fixings. Belts, ropes, and pulleys. Toothed gearing, spur and bevel wheels, rack and pinion, worm gearing, cams. Examples and uses of above in ordinary machines.

Boilers.—General description of common types. Boiler—accessories and mountings.

Steam and other heat Engines.—General description of—modern steam engines. Types of gas and oil engines, steam turbines—general arrangement of a Power House.

Hydraulic Machinery.—Plunger. Centrifugal and turbine pumps. Pelton wheel, inward and outward flow turbines.

Machine tools.—General description of lathes, drilling, shapping and milling machines. Arrangement of shafting and belting in a machine shop.

Elementary Electrical Engineering

General.—Electric and Magnetic circuits. conductivity and insulation of materials, measuring instruments direct current, principle of alternating current in single, two and three phase circuits.

Electric Machinery.—Description. principles of working and maintenance, characteristics of direct current and alternating current generators and motors.

Civil Engineering Drawing

Advanced exercises based on syllabuses in construction and hydraulics and irrigation engineering.

Machine Drawing

Advanced drawings of machine parts. Ability to supply some idea of proportions of the more simple machine details such as bolts, nuts, keys, cotters etc.

Field Engineering

Practical methods of handling material—Hoisting appliances—Simple machines—development of ability for making correct observations—Submission of report.

SYLLABUSES B. Sc. (TECHNOLOGY)

Scientific German

The Examination will be a test of the capacity of the student to translate freely from German scientific literature into English.

Mathematics

(Course for the first two years)

Analytical Geometry of the straight line and the circle, elementary properties of conic sections in their simplest form.

Differentiation; application to maxima and minima, and to tangents and normals; partial differentiation; small increments; Taylor's and Maclaurin's Theorems; power series, exponential and hyperbolic functions;

Integration, application to arcs, areas, volumes, surfaces and volumes of revolution, first and second moments of plane curves and areas; Pappu's theorem; Ordinary differential equations with constant coefficients, the linear equation, simple partial differential equations, with applications to heat conduction, probability and theory of errors; tolerance; numerical and graphical integration and differentiation.

Graphs of algebraic, exponential, logarithmic and Trigonometric functions, graphical solution of equations, Newton's method of solution, use of logarithmic and other special types of graph paper for fitting empirical curves to observed data; nomographs, use of the slide rule.

Note:—The stress should be on the utilitarian aspect rather than on the theoretical side, and the mathematical exercises should be selected as far as possible which have a bearing on Technology and Chemical Engineering.

Physics

Properties of Matter:—Elasticity and modulii—Surface tension—Capillary rise—Determination of surface tension—Viscosity—Diffusion—Fick's law.

Heat:—Measurement of low and high temparatures—Properties of gases and vapours—Isothermal and adiabatic expansion—Kinetic theory of gases—Vanderwaal's equation—Liquefaction of gases—Two specific heats of gases—Dew point—Hygrometry—laws of transmission of heat by conduction and radiation and convection—First law of thermodynamics—Mechanical equivalent of heat—Carnot's cycle—Thermodynnmic scale of temperature—Entropy.

To

Hon'ble the Minister for Education,
Government of Madras,
Fort St. George, MADRAS.

Through

The Vice-Chancellor,
Annamalai University,
ANNAMALAINAGAR.

Honoured Sir,

Sub:--ANNAMALAI UNIVERSITY--OVERSEER DIPLOMA COURSE STUDENTS--REQUEST FOR FACILITIES TO TAKE L.C.E. DIPLOMA.

Pursuant to the suggestion of Government in their G.O. 49267, C-5/44. d/ 14-11-45 the Annamalai University started Road Construction and Minor Irrigation Overseers' course of two years duration. This University inserted advertisements in some of the prominent dailies regarding the starting of this course. It was attractive in the sense that in two years' time the students will be standing on their own legs, which, of course, is a great boon to many of the middle-class families.

During 1946-47 the Government have opened a number of polytechnical institutions in the province, in most of which there is provision for a Civil Engineering Diploma of three years duration corresponding to the L.C.E. of the Guindy Engineering College.

In the course of three years the Province will be having a number of candidates with L.C.E. Diploma, which will be considered by the employers as a qualification better than that we will be having, after completing the two years course here. This means we will be unable to compete in our profession, with the L.C.E. Diploma holders and this will certainly affect our future promotions and prospects, especially of those who are above the averag

We have been already taught to a fairly good standard, all the Engineering subjects needed for a subordinate Engineer and if facilities are given it will not be difficult for us to attain th standard of L.C.E. by undergoing a course of training for one more year if necessary in such of those subjects which are found

itted in our syllabus as compared to the syllabus of the L.E.E.

56

(30)

the L.C.E. (Vide Appendix attached). It may be slso useful to point out that we have undergone training in certain subjects viz. Field Engineering, Electrical Engineering and English Composition which are not included for the L.C.E. Diploma.

We, the following, therefore, pray that our cases may kindly be considered and facilities offered to come up to the L.C.E. Diploma standard. This will improve our lot in life in the long run and this act of kindness of Government will be ever green in our memory.

We have the honour to be,
Honoured Sir,
Your most obedient students,
(Sd) overseer class students.

[True copy]

17/4
Representative.

APPENDIX

A comparison of the syllabuses framed for the L.C.E. Diploma with that for the Overseers will clearly show that they are identical for all practical purposes except that Sanitary Engineering and Economics are added for the L.C.E. They do not have Electrical Engineering, Field Engineering and English Composition which are taught for the Overseers here. We do also # " Railways" under "Roads". The L.C.E. course certainly has some additional portion under MATHEMATICS in Algebra, Mensuration Trigonometry, Calculus; under APPLIED MECHANICS--deflection of beams, torsion of shafts, helical springs, three-hinged archee; Under MECHANICAL ENGINEERING--petrol and diesel engines, manufacture of W.I. and toothgearing etc. under SURVEY--heights and distances by throdolites and simple stadia measurements; under HYDRAULICS--Pitot's tubes, submerged orifices, bridge openings, Chexy's formula, channels of minimum border, etc. In certain other subjects too, the standard is slightly higher.

-0-

17 sheets

60

OFFICE OF THE .... O.F. 304.

Date [illegible] 194 , Hours .... Minutes .... (32)

TELEPHONIC MESSAGE

From The D.P.I. | To The Secy to Govt. E&PH Dept.

Sub: Annamalai Univ. - Overseer diploma course - Facilities for students to take the L.C.E diploma

Ref. Your T.M by post dt 22.4.47 — PP 21.22

The views of the Board ~~are~~ of visitors of the College of Engineering Guindy have not yet been forwarded by the Principal. He has been reminded.

PT

29/4

61/

E+PH(G3)

Further reply from the DPI may be awaited

[illegible] 5/5(e)

Remind D.P.I. for a reply [illegible] on 2-5-47

[illegible]

29.4.47

[illegible]

29.4.47

---

62 POST COPY OF THE TELEPHONE MESSAGE NO.366-K2/47, dated 30-4-47.

33

[3]

From

The Director of Public Instruction, Madras.

To

The Secretary to Government,
Education and Public Health Department.

SUBJECT:- Annamalai University - Overseas diploma course - Facilities for the students to take the L.C.E. Examination. This office Telephone message dated 29-4-1947.

The Principal, College of Engineering reports that a meeting of the Board of visitors will be held on 5-5-1947 to consider the request of the students of the Annamalai University and that their views will be communicated on the 6th May 1947.

file in [illegible]

for Director of Public Instruction.

Eddy.1/5-

Secretary to Govt., Education and Public Health
2 MAY
37587

1/5

E+PH(G3)

63

E&PH(G73)

[The file on the proposal for providing facilities to the Overseer Diploma Course students to take the L.C.E Diploma in the Annamalai University has been linked with another file relating to the question whether the University should run the 3rd batch of the Overseers Diploma Course, which has been circulated to H.M (Edn) & H.M (Fin)] This may lie over ~~till the return of the file from circulation or~~ when the till 8/5/47 ~~whichever is earlier or~~ D.P.I will be reminded if necessary

Recd back on 6/5/47

3/5/47
3.5.47

3.5.47

Special

64

(34)

E&PH(G73)

T.M

P.C to issue

From
The Asst. Secretary to Govt.,
E&PH Deptt, Madras.

To
✓ The Dy. DPI.

Fair copy
8.5

Issued
8.5.47

Sub:- University - Annamalai - Overseers' diploma course - facilities for the students to take the L.C.E. Examination.

PP62-63 cf

Ref:- Correspondence ending with your P.C of TM No. 366K.2/47 dt. 30/4/47

Please state whether the views of the Board of Visitors, College of Engineering, Guindy, have since been received ~~communicated~~

65/

~~forwarded to~~ ~~[illegible]~~ from ~~by~~ the Principal of the Engineering College, ~~communicated to~~ you, and if so please forward your final reply in the matter.

8/5/1947

8.5.47

ar
8.5.47

66

Reg. 5 PM 1951 G3 (35)

Special

Education Department.

ASST. SECRETARY TO GOVERNMENT
9 MAY 1947
EDUCATION AND PUBLIC HEALTH DEPT.

From

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

To

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

R.O.C. No. 366-K2/47 dated 8th May 1947.

SIR,

Annamalai University--Overseer diploma course--Students' request for facilities to take the L.C.E. diploma.

39 ~~48~~ P13 ante
PP15-16 [illegible]

Reference:-Government Memorandum No. 17853-G3/47-1 Education dated 13.3.1947 and my reply R.C. 366-K2/46 dated 1..4..1947.

I have the honour to furnish herewith a copy of the resolution of the Board of Visitors of the College of Engineering Guindy on the subject mentioned above.

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

P67 infra.

For Director of Public Instruction.

8/5

P.T.O.

67

Resolution of the Board.

" Resolved that as the syllabus of the two years Road and Minor Irrigation Overseers course in the first and second years is definitely lower in standard than that in the first two years of the L.C.E. Course, the Board does not think it proper to award the L.C.E. diploma after an additional course of one year".

(True copy).

FOR DIRECTOR ~~OF PUBLIC~~ INSTRUCTION.

8/5

68

(36)

E.& P.H.(G.3)

University - Annamalai - Overseer diploma course - Students' request for facilities to take the L.C.E. diploma.

Spl

PP15-16 cf
PP66-67 cf

From the D.P.I. R.C.No.366-K2/46 dated 1.4.47
and R.O.C.No.366-K.2/46 dated 8.5-47.

~~Fromxthe Axcopyxofxthe~~

Memo.No.17853 93/47-4 Edn.,dated 14-5-1947.

PP28-32 cf

A copy of ~~the~~ a further representation received from the students of the Minor Irrigation and Overseers course in the Annamalai University is forwarded to the D.P.I. He is requested to offer his remarks on items 3 and 4 of the request of the students in the penultimate paragraph of their representation. A reply ~~xxxx~~ to the reference should be sent immediately.

despd 14/5/47. P 32 cf

To
The D.P.I.(with encl - copy of p.p.28--32 c.f)

13/5/47

13.5.47

69

70 ㊲ 93

D.O.

Director of Public Instruction,
Madras, 16th May 1947.

SECRETARY, EDN. AND P.H. DEPT.
19 MAY 1947
GOVERNMENT OF MADRAS

ASST. SECRETARY TO GOVERNMENT
19 MAY 1947
EDUCATION AND PUBLIC HEALTH DEPT.

42697

My dear Subramanian,

SUB:-University - Annamalai - Overseer Diploma Course - Students' request for facilities to take the L.C.E. Diploma.

P69 ante

....

With reference to Government Memorandum No.17853-G.1/47-4, Education, dated 14th May 1947, I consulted Dr. Rudra, Principal, College of Engineering, Guindy, and he has informed me as follows:

The Board of Visitors of the College of Engineering, Guindy, have passed the following resolution with respect to the request of the students of the Road and Minor Irrigation Overseer's course of the Annamalai University for award of the L.C.E. diploma after a year's further study:--

> "RESOLVED that as the syllabus of the two years Road and Minor Irrigation Overseer's course in the first and second years is definitely lower in standard than that in the first two years of the L.C.E. course, the Board does not think it proper to award the L.C.E. Diploma after an additional course of one year."

Dr. Rudra has further informed me that the L.C.E. Diploma is awarded on the results of three examinations conducted in three years and that is another reason why the L.C.E. Diploma cannot be awarded to the students of the Roads and Minor Irrigation Overseer's course on the results of one single examination.

The Engineering College, Guindy, has severe pressure of accommodation owing to the Anantapur College being there and it cannot conduct a separate class. Moreover it is not possible to get these students to the standard of the L.C.E. students of the College in one year owing to the difference in the course which they have gone through in the two years in comparison with the L.C.E. courses for the first two years.

The L.C.E. Diploma of the Technological Board is awarded on a single examination conducted at the end of the third year and it may therefore be possible for the Technological Board to

M

71 7

M award the L.C.E. Diploma to these students after one year's study. The students can either join any of the Polytechnics in the Presidency or the Annamalai University can conduct its own course for the third year with the approval of the Technological Board.

Item No.4 is inadmissible as the L.C.E. Diploma is awarded on the results of 3 examinations conducted at the end of the first, second and third years.

N As regards the question of their admission in any of the Polytechnics, the Director of Industries may be addressed.

(P.d.D)

Yours sincerely,

S.R.K. Saran

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

---

72 II Draft (33)

E.& P.H.(G.3).

Letter/Ref.No.17853/47-6Edn., dated 4-6-1947.

Despd.
4-6-47.

To

The Registrar, Annamalai University,Annamalainagar.

Sir,

Sub:- University - Annamalai - Overseer Diploma course - Students' request for facilities to take L.C.E. diploma.

P11 cf

On the representation of the students who have undergone the Overseers diploma course at the Annamalai University requesting for facilities to appear for the L.C.E. diploma examination, Dr.K.C.Chakko, Head of the Deptt. of Engineering and Technology, has observed that there will be no use in these students attending the third year L.C.E. course in some institution, and that a special course will be required and can be arranged at the Annamalai University,if necessary. I am ~~xxxxxxxxthat it~~ to

enquire

enquire whether ~~the~~ University would be prepared to institute ~~the~~ a third year course for the students of the ~~xx~~ Diploma course in Minor Irrigation and Road Construction Overseers, with the approval of the Technological Examination Board for the award of the L.C.E. diploma by such Board, ~~and if so~~, If the university is agreeable to the above suggestion, details of ~~[illegible]~~ ~~by the Govt,~~ recurring and non-recurring expenditure, which it may have to incur in this behalf ~~involved in the~~ ~~propos~~al, ~~together~~ may be furnished to Govt. ~~at an early date.~~ I am to request that the matter may be treated as special and a reply sent very urgently ~~immediately~~.

Y.O.S.,

JCS 1/6/47

W 2.6.47

S

W 4/6/47

AV 2/6/47

I Draft

E.& P.H.(G.3)

University - Annamalai - Overseer Diploma course - Students' request for facilities to take the L.C.E. diploma.

P96 of of (M)

PP3-4 of of (S)

Read:- G.O.No.1191 Edn., dated 15-6-1946.
~~G.O.No. 138 Edn., dated 28-1-47.~~
G.O.No.945 Edn., dated 7-5-47.

Memo.No.17853 93/47 Edn., dated 4-6-1947.

PP1-3 of & PP 26-32 of

Copies of representations received from the students of Diploma course in Minor Irrigation and Road Construction Overseers course at the Annamalai University ~~[illegible]~~ requesting facilities for the award of L.C.E. diploma to them are forwarded to the D.I.& C. It is suggested that the students may be permitted

to

to join for one year any of the Polytechnics in the Presidency or that the Annamalai University ~~itself~~ may conduct its own course for the third year with the approval of the Technological Examination Board, so that the Technological Board may award the L.C.E. diploma to these students after one more year's study. The D.I.& C. is requested to offer his remarks on the proposal very urgently, as a decision has to be reached in the matter before the commencement of the academic year.

PP 70-71 G.Y. 1947

2.6.47

4/6/47

VSS 1/6/47

AV 2/6/47

To

✓ The D.I.& C. (with encl. - copy of p.p.p. ~~13~~ c.f. and p.p. 26—32 c.f.)

Copy to the D.P.I.

Desp. 4.6.47

PTO

for II Draft

76

ANNAMALAI UNIVERSITY

40

No 2178 G3

13th June, 1947.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY
ANNAMALAINGAR

ASSISTANT SECRETARY TO GOVERNMENT
14 JUN 1947
49388
EDUCATION AND PUBLIC HEALTH DEPARTMENT

To

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

Sir,

University - Annamalai - Overseer Diploma course - Students' request for facilities to take L.C.E.Diploma.
No.17853/G3/46-6 Edn. d. 4-6-1947.

PP 72-73 ante

I have the honour, by direction of the Vice-Chancellor, to state that the Annamalai University cannot arrange a third year course for Overseers leading to the L.C.E. Diploma. The arrangements for Overseer courses were purely temporary and cannot be permanently undertaken by a University.

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

Ag. Registrar.

77

-77-

Please see the reply from the Registrar, Andhra University on p.76 ante. The ~~KE ExExxx~~ Director of Industries and Commerce may be requested to send his reply to the memo. on p.p.72-73 [illegible] ante (x) not yet [illegible]

A draft memo. is submitted for approval.

RS
16/6/47

~~78~~ ~~65~~ (41) 78

INDUSTRIES AND COMMERCE DEPARTMENT.

From
RaoBahadur
Sri. N.M. Adyanthaya, B.Sc., (Edin)
Joint Director of Industries and
Commerce, Madras.

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

ASSISTANT SECRETARY TO GOVERNMENT
1[illegible] JUN 1947
EDUCATION AND PUBLIC HEALTH DEPARTMENT

No.1091 C3/46 dated 14th June 47.

Sir,

Sub: ~~Educationx~~--University-Annamalai--overseer Diploma course--Students request for facilities to take the L.C.E. Diploma

Ref: Government Memorandum No.17853 G3/47-7 Education dated 4-6-1947

pp 74-75 ante

49889

I do not think that T.D.E. Board will have any objection to admit the students of Diploma course in Minor Irrigation and Road construction overseers course at the Annamalai University to the 3rd year L.C.E. courses of the Polytechnics; but the new Polytechnics of this Department will have their third year L.C.E. classes only during 1948-49 and it would not be feasible to start a separate 3rd year classes at the Polytechnics exclusively for the students of the Annamalai University during 1947-48.

In these circumstances it would be just as well for the students to seek employment or the requisite practical experience in the PWD or in private establishments for one year during 1947-48 and then seek admission to the 3rd year classes of the Polytechnics.

A The only other alternative would be for the Annamalai University to institute a third year course during 1947-48 if they have the necessary equipment so as to qualify the students to take the L.C.E diploma.

Adyanthaya
14/6

[illegible]

for Joint Director of Industries and commer

Raman/14-6.

14/6/47

E.& P.H.(G.3)

University - Annamalai - Overseer Diploma course students' request for facilities to take L.C.E.diploma.

Memo.No.1785393/47-9 Edn., dated 23 6-1947.

PP1-3 cf + PP 26-32 cf

P. 78 cf

Copies of representations received from the students of the Diploma course in Minor Irrigation and Road Construction Overseers course at the Annamalai University, together with an ~~the~~ extract from the remarks of the Joint Director of Industries and Commerce thereon are forwarded to the Chief Engineer (Highways) and C.E.(G.B.& Defence). ~~They are~~ They are requested to state whether facilities for training the candidates in question with a view to equip them with the requisite practical experience can be given in 1947-48, ~~if they are to be permitted to~~ till they join the Polytechnic course in 48-49 as suggested by the Joint D.I.& C..

2. This reference may be treated as specially urgent and a reply sent by 3-7-1947.

23-6-47

P78 cf

To
The C.E.(Highways) ✓ with encl copy of
The C.E.(G.B.& D.) ✓ p.p.1-3c.f
& p.p.26-32 c.f. and p.78 c.f. excluding the portion marked A theerein

23/6/47

23/6/47

81

63/82

(43)

SPECIAL

PUBLIC WORKS DEPARTMENT

From R. McIntosh Esq., C.S.I.,
M.B.E., B.Sc.,
Chief Engineer P.W.D
(General, Buildings & Defence),
Chepauk, Madras.

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

Letter No.1160-E-2/47-4 dated 3rd July, 1947

ASST. SECRETARY TO GOVERNMENT
4- JUN 1947
July
EDUCATION AND PUBLIC HEALTH DEPT.

Sir,

Sub: University--Annamalai--Overseer Diploma Course Students' request for facilities to take L.C.E. Diploma.

Ref: Government Memo No.17853-G.3/47-9 dated 23rd June, 1947.

54834

From the copies of correspondence forwarded with the Government Memo referred to above, it is observed that there are two points on which my remarks are called for. They are:-

(i) whether facilities can be provided in this Department for the training of Overseer Diploma Course students of the Annamalai University till they join the Poly-technic course in 1948-49; and

(ii) whether the students who have completed the 2 years Overseer course in the Annamalai University can be considered to be sufficiently equipped to be admitted in the 3rd year L.C.E class in the Poly-technic Institute as suggested by the Joint Director of Industries and Commerce. These are examined below:-

Point (i) above:- Normally there is no provision for the training of overseer students in the Public Works Department. However in the special circumstances of the case a suggestion has been made by the Chief Engineer (Irrigation) that these students can be appointed as Surveyors on projects on the same salary as overseers and against the sanction for supervisors.* The views of the Chief Engineer (Special) has not however been ascertained. The Superintending Engineers of Circles (including Project Circles) have also to be consulted ~~to~~ as to the number of candidates they can take in for employment as surveyors. The views of the Chief Engineer (Special) and the Suptg. Engineers will be ascertained and a further report will be sent to Government shortly.

Point (ii):- In its meeting held on 5-5-47 the Board of Visitors of the College of Engineering, Guindy considered the request of the students of the Road and Minor Irrigation Overseer's course of the Annamalai University for the award of the L.C.E diploma after a year's further study and it resolved that as the syllabus of the two years Road and M.I. Overseer's course in the first and second years is definitely lower in standard than that in the first two years of the L.C.E. course the Board does not think it proper to award the L.C.E. diploma after an additional course of one year. In view of the above Resolution, it is considered that the students should either (i) undergo 1½ years course by joining the II year L.C.E class in January at the latest and take the L.C.E. Examination in the Technological examination and those who get through that examination might join the III year L.C.E.

class

---

* posts in the ratio of one Surveyor to 3 supervisors.

-4-

class or (2) they should be given a special intensified third year course to fit them to sit for the L.C.E. examination at the end of the course to become fully ~~xquax~~ qualified L.C.E. I personally prefer the second alternative and if the Director of Industries & Commerce agrees to it and makes arrangements for the intensified course in 1948-49 so as to cover all the subjects in the L.C.E. syllabus, these candidates may be temporarily employed in the Department in 1947-48, so far as vacancies become available.

D. J. Abraham
3.7.47

aj/3.7

for CHIEF ENGINEER P.W.D(GENERAL).

3.7

E & PH (G3)

The file ~~to~~ on the subject has been circulated to HM(Edn), HM(Revenue), HM(P.W.D) and HM(Industries) on 25/6/47. The return of the file may be awaited till 12/7/47.

5.7.47

4/7/47

10.7.47

I Draft

E.& P.H.(G.3)

University - Annamalai - Overseer Diploma course students' request for facilities to take L.C.E. diploma.

P78 cf

From the Joint Director of Industries and Commerce, No.1091-C3/46 dated 14.6.47.

Memo.No. 17853-93/47-10 Edn., dated 11/7-1947.

PP82-83 cf

An extract from the letter No.1160-E.2/47 dated 3-7-47 of the C.E. P.W.D. (General, Buildings and Defence) is forwarded to the Director of Industries and Commerce; he is requested to offer his remarks on the suggestions made therein at an early date.

2. He is requested to treat this reference ~~may be treated~~ as special.

To
The Director of
Industries & Commerce
(with encl - copy of
p.p.82-83 c.f. -
Point (ii) only)

11/7/47

11.7.47

11.7.47

11/7/47

11/7

PTO

85

C.F. 16.

DRAFT FOR APPROVAL.

SUBJECT :—

	Date.	Initials.
When received for fair copying ..		
When copied ..		
When examined ..		
When signed ..		
When despatched.		

READ AGAIN ...., dated .... 19........

" " .... " .... 19........

READ ALSO :—

No. .... From the ...., No. ...., dated .... 19........

" .... " .... " .... " .... 19........

" .... " .... " .... " .... 19........

Order Ms. / Resolution Rout. No. ...., dated .... 19........

PTO

86

~~II~~ Draft (45) E&PH (G3)

University – Annamalai – Overseers' Diploma Course students' request for facilities to take L.C.E. diploma.

Memo No. 17853 G3/47-11 Edn dt 11/7–47

The attention of the CE (Highways) is invited to Govt. Memo. No. 17853 G3/47–9 Edn dt 23/6/47 on the subject mentioned above and he is ~~requested~~ requested to send his reply immediately.

1 so of

S.
11.7.47

W
11/7/47

11/7/47.

11.7.47

To the CE (Highways)

Despd W. 11/7

From
Sri Rao Bahadur M.K. Ranganatham
B.A., B.E., I.S.E., M.I.
Mech. E., Assoc.I.E.E.,
Chief Engineer (Highways)
Chepauk Madras.5.

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

14 JUL 1947

Letter No. 2421 H/47-1 dated 11.7.47

Sir,

Sub:-University- Annamalai-Overseer diploma course students-training
Ref:- Govt. Memo No. 17853 G3/47-9 dated 23.6.47 — P80cf

....

52091

With referene to the Government Memo cited above I have to state that this department can employ 60 candidates on the following conditions:

1. Their admission to the III Year course of Poly-technics in 48-49 should be subject to their earning good reports about their work from the Divisional Engineers concerned.

This is prescribed in order that they might evince keen interest during the period of training and might not conduct themselves in an irresponsible manner.

2. Some will be taken as III Grade Draftsman (Scale of pay Rs.70-2-90-3-120)in the existing and future vacancies and the rest as work-charged establishment on Rs.45/- plus Dearness allowance.

11/7/47
FOR CHIEF ENGINEER (HIGHWAYS)

Copy to Scretary to Govt. PWD
Copy to the Principal., College of Engg., Annamalai University.
Copy to the Superintending Engineers (Highways)

11/7

SMK/11.7.47

No.1091-C3/46 dated 18/7/47 90 Industries & Commerce Department

From: Sri Rao Bahadur N.M. Adyanthaya, B.Sc.(Edin) Joint Director of Industries &
Commerce, Madras.

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

Sir,

Sub:- University - Annamalai - Overseers Diploma Course Students' request for facilities to take L.C.E. Diploma Course.

P. 84 ante Ref:- Government Education & Public Health Department memorandum No. 17853G3/47-10 Edn. dated 11/7/47.

24 JUL 1947
Development Department
Dev 69272
21.7.47

It is not possible to make arrangements in the Polytechnics to admit in January 1948 the students of the Road and Minor Irrigation Overseers course of the Annamalai University into the second year L.C.E. class, nor would it be feasible to organise intensified course for them in 1948-49, since accommodation, equipment and staff would not be available then. As Government have since ordered that the L.C.E. Course at the Engineering College Guindy, should continue, I suggest that the arrangements recommended by the Chief Engineer, P.W.D. be carried out at the Engineering College where ample facilities exist for giving intensive training.

Nenkagar
for Joint Director of Industries & Commerce.

JL.22/7 Cw 23/7

P.T.O.

Dev Dept

91

To U.S.

E & P.H. dept. U.O.

2. This dept. ~~fully support~~ agree with ~~the suggestion~~ the views ~~of~~ the Th. Dicc. at X supra above.

25.7.47 25.7.47

AM
25-7-47

E & P.H.

Dev. U.O. No. 69272 D.I/47-1
25.7.47

61014

92

48

From

The Students of Road Construction
& Minor Irrigation Diploma Course,
Annamalai University.

To

The Hono'ble the Minister for
Public Works Department,
Madras Government.

ASSISTANT SECRETARY TO GOVERNMENT
25 JUL 1947
... AND PUBLIC HEALTH DEPARTMENT

24 JUL 1947
GOVERNMENT OF MADRAS

MINISTER FOR EDUCATION
6 JUL 194
GOVT. OF MADRAS

Sir,

We, the students, who have undergone training in the Minor Irrigation and Road Construction Diploma Course beg to place before the Government the following few facts.

60235

The above course was started in the year 1945 by the Government at Annamalai University for the purpose of producing Road Construction and Minor irrigation Diploma holders. Now we have completed 2 years training of the Diploma course and most of the students have finished their practical training also.

We have applied for the Supervisor's post in the Highway Department and we have been specially trained in Road Construction and Minor irrigation which is only applicable for Public Works Department and Highways. But, our requests were turned down on the ground that we are not fully qualified for the above. In this connection we submitted a memorandum to the Minister for Education on 26th February and 23rd April respectively, requesting the Government either to extend the course or to allow us to qualify ourselves equal to the standard of the L.C.E. Diploma of the Guindy Engineering College. We were neither given the chance for qualifying ourselves by extending the course, giving us "intensitive training" nor allowed to write any competitive examinations to entitle ourselves equal to the standard of L.C.E.

We joined this course with an aim to qualify ourselves technically and serve the country, when India needs technicians of our sort. But we are now left in the lurch and we are considered to be the lowest category of the Engineering Commun

We are thereby disappointed by this course.

R

So we request the Government to give facilities for getting ourselves into the Public Works Department and Highways as Supervisors exceptionally, by recognising the two sets of students belonging to our category, as this kind of course was abolished by the Government.

We, fervently hope the Government will do the needful for us and thereby encourage technicians of our sort. This act of kindness will be ever green in our memory.

We beg to remain,
Sir,
Yours obediently,

Annamalainagar,
Dated 15th July '47

B. Paramasivam
M. Maria Susai
M.K. Ramamurty

Copy submitted to

1. The Hon'ble the Minister for Education.
2. The Chief Engineer, Highways, Madras Government.

95

96

Education and P.H.Department. (G3)

49

Revised

University--Annamalai--Road construction and Minor Irrigation Overseers Course--students' request for facilities to take the L.C.E.Diploma.-
Orders passed
-*****

Not put up
P1 of (W)
P3 of (W)

Read: G.O.No.1191 Education dated 15--6--1946.
G.O.No. 138 Education dated 28--1--1947
G.O.No. 945 Education dated 7--5--1947.

PP1-7 cf
P15 cf
PP26-32 cf
PP66-67 & 70-71 cf
P76 cf
P78 cf
PP82-83 cf
P88 cf
P90 cf
PP92-94 cf

From the students of the Road construction and Minor Irrigation Overseers course, Annamalai University, dated March 1947.
From the D.P.I. Roc.No. 366 K2/47 dated 1--4--1947.
From the Student Representative, Overseer class, Annamalai University dated 17-4-47.
From the D.P.I. Roc.No. 366-K2/47 dated 8-5-47 and D.O. dated 16-5-47.
From the Registrar, Annamalai University, No.2178 dated 13-6-47.
From the Joint Director of Industries and Commerce, No.1091/C3/46 dated 14--6-47.
From the Chief Engineer, (Gl. Buildings & Defence) Chepauk, Ref.Letter No. 1160--E-2/47-4 dated 3rd July 1947.
From the C.E.(Highways)Chepauk,Letter No.2421 H/47-1 dated 11-7-47.
From the Joint Director of Industries & Commerce,Letter No.1091-C3/46 d/18-7-47.
" " the Students of ~~Road~~ Construction and Minor Irrigation Diploma course, Annamalai University dated 15-7-47

ORDER:/Ms. No. 1721 Edn. dated 31-7-1947.

The Government agree with the Annamalai University that a third year course leading to the grant of L.C;E. diploma for the students of the Road Construction and Minor Irrigation Overseers course need not be undertaken by the University and direct that the proposal be dropped.

P76 cf &
P14 cf

2. *The question of admitting the students who have successfully undergone the course of 2 years at the Annamalai University and who desire to get admitted in the third year L.C.E. class of the Polytechnics or in the College of Engineering, Guindy, is under consideration and orders will issue in due course.*

Portion S.O. cf 2.2.?

3. The Government also direct that the students of the Annamalai University who have undergone the two years' special course ~~there~~ there successfully should be given preference over other qualified persons in the matter of recruitment of candidates for posts of draftsmen in the Highways Department and of Overseers and draftsmen in the Minor Irrigation Department.

W
31.7.47

S W
31/7/47.

To
The Registr.Annamalai Uty. ✓
The D.P.I. ✓
The Dr.of Industries.& Commerce,thro' Devt. ✓
Devt.Deptt.with extract of notes. ✓
The C.E.P.W.D.(Genl.Bldgs.& Defce) Thro' P.W.D. ✓
The C.E.P.W.D.(Highways)thro' P.W.D. ✓
Copy to the Student Representative, Annamalai Uty., Annamalainagar. ✓
~~Copy to Devt.with extract of notes.~~ ✓
Copy to P.W.D. -do ✓
Copy to Revenue & Public(Ser) -do-
2 Spare copies.

14 S 47 23 hf

VS
31/7/47

Approved with encl
2/8/47

31.7.47

(50) 98

16/12/8

E.& P.H.(G.3)

University - Annamalai - Road construction and Minor Irrigation Overseers course - students' request for facilities to take the L.C.E.diploma - Negatived.

READ:- G.O.No.1721 Edn., dated 31.7.1947.

Memo.No. 1785393/E7-43 Edn., dated 12-8-1947

P.96g

The Govt. have considered the question ~~whether~~ of admitting of the students who have successfully undergone the course of 2 years at the Annamalai University, ~~and who desire to get admitted~~ in the ~~third~~ second year L.C.E. class of the Polytechnics or in the College of Engineering, Guindy ~~for intensive training for one year~~ and have decided that the matter should be dropped.

Pow P22

10.8.47 11/8/47

To

The Student Representative,
Annamalai University, Annamalainagar.
The Registrar, Annamalainagar.
The D.P.I.

P.T. O.for further address entries.

-2-

The Dr.of Industries & Commerce,through Devt.
The C.E. P.W.D.(G.B.& D.) through P.W.D.
The C.E.P.W.D.,(Highways) through P.W.D.
Copy to P.W.D.
" W Devt.
2 ~~spp~~ spare copies.

Despd 5/3/48

To the Secretary, E.&P.H.

ASSISTANT SECRETARY TO GOVERNMENT
4 MAR 1947
EDUCATION AND PUBLIC HEALTH DEPARTMENT

17853

SECRETARY, EDN. AND P.H. DEPT.
4 MAR 1947
GOVERNMENT OF MADRAS

Please see the representation from the students of the Annamalai University. The difficulties pointed out by the students seem to be real. Either they must be allowed to join the L.C.E. course now in the engineering and other colleges, perhaps in the III year to undergo the rest of the training or they may be allowed to undergo another course in the Annamalai University, for one year, at the most, to bring them up to the standard of L.C.E. and a certificate may then be issued to them. The above position may be examined and notes put up.

I understand further that the meeting of the Syndicate of the Annamalai University is to take place on the ~~2~~ 15th inst. and orders have to be passed before that date and sent to them for consideration. Please expedite.

4/3/1947

E.& P.H.(G.3)

P12 n.f. of (W)

The Annamalai University opened a diploma course at the University College of Engineering for the training of road construction and minor irrigation overseers from 1945-46. The course extends to two years. The examination for the course will be conducted by the Technological Diploma Examination Board. The course was opened at the instance of Govt. to train the technical personnel required to meet the needs of the Government's postwar development programme..

Attention is invited to the notes of P.W.Dept. on p.p.9-10 n.f. of (W). In view of the changed conditions since the course was opened, owing to the curtailment of the postwar road programme and the proposal to train the personnel required for the Highways Department otherwise, it was

anticipated

anticipated that the Highways Department may not be able to absorb the 3rd batch of candidates to be trained. The University was apprised of this position in para.2 of G.O.No.138Edn., dated 28.1.47.

[illegible] 12 of (M) Revised

PP19-20 of (M) Revised

The points in H.M.'s minute on p.1 ante are:--

1. that the students undergoing the diploma course should be allowed to join the L.C.E. course in the Engineering and other colleges ~~in~~ perhaps in the 3rd year to undergo the rest of the training

or

2. that they must be allowed to undergo another course in the Annamalai University for one year at the utmost to bring them to the standard of L.C.E.

1st alternative. The question whether the students who have undergone the two years diploma course in the Annamalai University can be taken in for the 3rd year in the L.C.E. class should be ~~considered~~ examined in consultation with the D.P.I.

2nd alternative. - The Chief Engineer, Communications, who examined the adequacy of the courses reported, besides suggesting certain additions to the syllabus, in his letter No.9907/45-2 A4 dated 26.5.45, that the overseers' course was defective and incomplete and observed that trained men under the course might not be suitable for employment in the future Highways Department except as draftsmen. He accordingly suggested that if after two years of such service they obtained the L.C.E. diploma or the B.E. degree, then they ~~may be~~ might be considered suitable for employment as overseers in the Highways Deptt., on securing such a diploma or degree. To ~~give effect to this, the Chief Engineer~~ implement this suggestion he suggested further that the University might start a course or training draftsmen (2 years) and L.C.E. (3 years), the raftsmen being eligible to appear for the L.C.E. diploma after years of service as draftsmen in the Department. The University referred this proposal of the C.E. Communications, to Govt.

P56 of (M)

P50 of (M)

and in

---

and in reply, the Registrar was informed that Govt. did not consider it necessary for the Annamalai University to open the course for the training of draftsmen or L.C.E. in their Engineering College. The reasons for this decision are at pages 13-14 n.f of M. When the additions to the syllabus suggested by the C.E. were incorporated in the syllabuses and the matter referred to the Chief Engineer, Communications, he drew attention again to his previous letter and suggested that the syllabus for training for the course should be revised to correspond to the L.C.E. course. This suggestion of the C.E. was not pursued further in view of the ~~fact~~ decision already arrived at i.e. not to open a course for the draftsmen or L.C.E. in the Annamalai University.

P P54-55 of (M)

P80 c.f. (M)

P85 of (M) + P21 N.F. (M)

The Diploma course was opened for the specific object of training men for road construction and minor irrigation overseers and it was not intended that they should compare in any way with the L.C.E. diploma holders. From the papers available, it is seen that the first two batches of students will not go without employment either in the Highways Department or as Minor irrigation overseers. A copy of letter from the Board of Revenue on the subject is kept at Q. ~~P.W.D. may see.~~ If however a third year course should be opened in the Annamalai University, the University will apply for grant which cannot be refused. In view of the already existing L.C.E. courses in the Guindy College, C.N.T. Institute ~~and the recent opening of Polytechnic Institutes~~, it is for consideration whether this ~~request~~ point should be proceeded further. P.W.D. and Finance may see before circulation.

6.3.47

S

M

In view of 'K' at M/85 c.f., 'L' at W/10 N.F. & 'N' at Q/1 it is fairly clear that the prospects of employment, E.g. in the Highways Deptt & in the Revenue Deptt (M.I. overseers) are less than was originally envisaged & there is a danger of this [illegible] being [illegible] Deptt. in the [illegible]

M/4

to have a marketable value elsewhere.

A Both the alternatives referred to at p. 2 ante may be simultaneously examined. The D.P.I. may be asked to report on the first one; and the University may be asked to report also on the second: as for a course to be confined in scope and duration to training the two batches admitted to the existing course beyond the L.C.E. standard; if the University applies for a grant we will have to be prepared to give it – in fairness to the University, who will be starting this new course at our instance & in fairness to the). students whom otherwise we would have led up a blind alley.

7/3/47

PWD
Fin.

Special

P.W.D.

The notes of E&P.H. above may be perused. With ref to A on p 3 above it is submitted that the training schemes referred to at 'L' on p 10 N.F. of Ⓦ have not yet been sanctioned. At present there is considerable dearth of technical personnel & ~~it will be to the advantage of the Highways Deptt.~~ as to ~~if~~ the candidates ~~referred to~~ of them are given training for one more year & ~~made~~ brought up to the standard of the L.C.E. The recruitment of further batches of students should be subject to reexamination of the future demand for these candidates taking into consideration the number of candidates trained by other institutions in the Province.

The proposal of E&P.H. may be supported & the case passed on to Fin.

7/3/47

D.S.

E&P H (G3)
17853 93/47-1 Edn.
7/3/47

ASSISTANT SECRETARY TO GOVERNMENT
A
7 MAR 1947
1130.
PUBLIC WORKS DEPARTMENT

E.A G3 (53) 5

On account of the uncertainty of their absorption in fort service, it is only fair to allow the applicants to qualify for the L.C.E., in order to enable them to get employment elsewhere. The best means of doing so would probably be to add a 3rd year course. The Head of the Deptt says (p. 11. c.f.) that it would be possible to arrange it. This would of course, mean additional financial commitment to fort even if it is confined to students already admitted.

8/3

Fin

7 iov. (Exp. A)

(Please see the notes on pp. 1–4 above.)

This dept. may agree with the views of E.P.H. Secretary on p. 4 above that the D.P.I. may be asked to report on the first alternative and the University ~~D.P.I.~~ on the second alternative referred to on p. 2 above. This dept. may offer its remarks on receipt of the detailed reports including the financial implications involved in giving effect to either of the alternatives.

8/3/47

8.3.47

8/3/47

D.S.
E.P.H.
E-P H

8/3/47

P.W.D. no. ~~1115~~ 1130. A/47-1
8.3.47

ASST. SECRETARY TO GOVT.
8 - MAR 1947
14270 Exp. A
FINANCE DEPARTMENT

~~Fin~~ u.o. 14270 Exp. A-1
8/3.

8.3.47

PP4-5 ante

E.& P.H.(G.3)

Please see the notes of P.W.D. and Finance above. Finance agree with the suggestion to consult the D.P.I. and the Annamalai University on the two suggestions at A ~~xxxxxx~~ on page 4 ante. A draft memo. and a draft letter are submitted.

After obtaining the report from the D.P.I. and the University and after coming to a conclusion as to which of the two alternatiwes it is desirable

17853-G3
15/3/47

to undertake, in consultation with Finance, orders in circulation may be taken ~~(H.M.(P.W.D.) and H.P.M.)~~.
The drafts may now be circulated to H.M.(Edn.) for approval.

9.3.47 S
H.M.(Edn.)

The alternative proposal as proposed by Dr. K. C. Chakko may be communicated to the D.P.I. for remarks, i.e. whether these boys may not be allowed to continue for one more year in the Annamalai University itself and be entitled to a certificate of L. C.E.

12/3/47

SECRETARY, EDN. AND P. H. DEPT.
13 MAR 1947
GOVERNMENT OF MADRAS

E&PH(G3)

Please see the minutes of HM (Edn) above. A draft ~~letter~~ memo to the DPI is subd. for approval.

13/3/47
av
13/3/47

13.3.47 S
(C.S.)

Issued as
Memo. No.
17853 G3/47-1
13.3.47.

It is not clear from HM's minute above, whether the University should be consulted at this stage about the continuance of the course for one year more. ~~[illegible]~~. The draft already submitted is for consideration.

15.3.47 S
H.M.(Edn.)

My view is we may, I think; it will save some time.

The University may be consulted if when we know from Dr. Chakko that the course proposed is proper & feasible

15/3/47

H.M.(Edn.)

A

SECRETARY, EDN. AND P. H. DEPT.
17 MAR 1947
GOVERNMENT OF MADRAS

~~E.&P.H.(G3)~~

~~In view of the minutes of HM (Edn) at A~~

SH

E.& P.H.(G.3)

It is not clear from the minutes of H.M.(Edn.) on p.6 ante at A ~~xxxxxx~~ whether the draft to the Registrar Annamalai University should issue now or not. Perhaps H.M.'s intention is to await the reply from the D.P.I. (Dr.Savoor.) ~~that the course~~ in regard to the course proposed by Dr. Chakko.

17.3.47 S
17/3/47

18.3.47

E&PH (G3)

[Memo No. 17853 G3/47-1 Edn dt- 13.3.47] P13 cf
[" " " -2 " 22-3-47] P14 cf
[" " " -3 " 1-4-47] "
C.No. 26897/47- From the DPI Roc.No. 366 K2/47 dt- 1.4.47. PP15-16 cf

Please see the DPI's letter on pp. 15-16 cf. With reference to the portion marked A on p.15 cf, the DPI's final communication regarding the views of the Board of Visitors, College of Engineering, Guindy, may be awaited till 18.4.47. ~~In the meanwhile, the DPI may be asked to state when the next meeting of the Board of Visitors will be held. Subject to orders, a draft T.M. is subd for approval.~~

T.M. approved
20.4.47

In the opinion of Dr. Rudhra ~~Chakko~~ the candidates trained in the diploma course of road construction and minor irrigation overseers will be absorbed in P.W.D as draughtsmen and will not go without employment and so that I see there is no necessity to give them further training for one more year. The views of the Board of Visitors of the College of Engineering

8/4/47
av
8/4/47

17853-G/3
15131/47

~~Requirements may however be awaited.~~

W
8-4-47

S

W
5/4/47

E.& P.H.(G.3)

(Issued as T.M. dated 8-4-47)

C.No.39848/47 - From the D.P.I., Roc.No.366-K2/47, dated 8.5.47)

P17 cf
PP 66-67 cf

The requests of the students of the Annamalai University undergoing training in the diploma course in Minor Irrigation and Road construction Overseers are:--

(1) That they must be allowed to continue their course for one more year to bring them to the standard of L.C.E., and be awarded the diploma of that course;

or

(2) That they must be permitted to join the third year of the L.C.E. course in the Engineering College, Guindy, or in any other College, and complete it for obtaining the L.C.E. diploma.

P32 cf and Minutes of HM on p 1 ante

At the instance of ~~the~~ H.M.(Edn.), the D.P.I. was consulted whether the course proposed in item (1) above was proper and feasible. The D.P.I. consulted the Principal of the Engineering College, Guindy, who placed the matter before the Board of Visitors of the College. The Board has resolved that the syllabus of the two years Road construction and Minor Irrigation Overseers course in the first and second years is definitely lower in standard than that in the first two years of the L.C.E. course, and that it is not therefore proper to award the L.C.E. diploma after an additional course of one year at the Annamalai University. In the circumstances, it seems that it is not desirable to pursue this issue.

P6 cf +
P13 cf
PP15-16 cf
P67 cf

W

2/ As regards the alternative suggestion above, it may be pointed out that in view of the [illegible] opinion of the Board of Visitors of the Engineering College, Guindy, the chief members of the

---

9

(55)

Item 2 on page 8 ante

-9-

The D.P.I. was consulted specifically on the suggestions ~~on proposals~~ 3 and 4 on p.32 c.f. His remarks are on pages 70--71 c.f.

P68 cf

Proposal 3 on p.32 c.f. - The D.P.I. is not for admitting the students of the Overseers course of the Annamalai University into the Engineering College, Guindy, for another year. He suggests that the students can either join any of the Polytechnics in the Presidency or that the Annamalai University can conduct its own course for the third year with the approval of the Technological Board.

His view may be accepted.
PP70-71 cf
W

Proposal 4 on p.32 c.f. The D.P.I. states that the request is inadmissible as the L.C.E. diploma is awarded on the results of 3 examinations conducted at the end of the first, second and third years.

His view may be accepted.
P71 cf
W

It is for orders whether the Director of Industries and Commerce may be addressed for admitting the existing students for another year in any of the Polytechnics or whether the Annamalai University may be asked to institute the third year course with the approval of the Technological Board for the award of L.C.E. diploma by such Board. ~~If, however, it is not possible to do either of the above,~~ It may also be ~~be specifically~~ laid down that ~~the~~ in the matter of recruitment to the posts of road construction and minor irrigation overseers and draftsmen, the existing students in the Annamalai University who have undergone the special ~~Specialised~~ course successfully, at the end of ~~2 years~~ the present period of 2 years, be ~~specifically~~ given preference over other qualified persons. If this is done, it may allay the apprehension of the students and meet their main grievance.

This may be tried
W
22.5.47

A

This means ~~finance~~ grants to the university and there is no special demand for diploma holders with a third year's course.
W
22.5.47

There would be justification for this: please see my note at 'M' at pp. 3-4 ante, which I think remains valid in spite of 'T' at p. 7 ante. The University may be consulted about this.
W

S.S.
22.5.47

I agree; this, in any case, may be done.
W

~~Developments D. P.W.D. and Revenue and Public (Services) may see before circulation.~~ The Student representatives have asked for an interview with the H.P. in the matter. Their requests have been examined above. It does not seem necessary to grant an interview as no useful purpose will be served thereby. They may be informed accordingly.

KS
21/5/47

R on p 26 cf

p32 cf

S.S.
22.5.47
W

10

Dept. P.W.D. Revenue and Public (S), within may see before circulation.

22.5.47 22.5.47 22/5/47

Dept. Dev:
P.W.D. PWD
Rev. Rev.
Pub. (Ser.)
Public Ser.

E&H (G3)
U.O. No. 1785393/47-5 22/5/47

THIRD ASST. SECRETARY TO GOVERNMENT 29 MAY 1947 DEVELOPMENT DEPART.

Dev. 48817 D2/47
23.5.47
Rev Dept.

To ~~AS.~~ Notes from p. 8 ante may be perused.

This file has been sent to this dept. with ref. to the proposal 4 at p 32 c.f. and the suggestion of the DPI in his report at pp 70-71 c.f. and at N on p 71 c.f. This dept may ~~perhaps~~ agree with the view that E&P.H may consult ~~DPI~~ ~~may be consulted~~ on the above A on p 9 ante suggestion ~~proposal~~: E&P.H. dept may be requested to let this dept. see the file again before final orders are passed on this file. With these remarks, the file may be passed on to P.W. Dept.

M on H 70-71 c.f.

23.5.47 23.5.47 23.5.47 J.S.

ASSISTANT SECRETARY TO GOVERNMENT A 23 MAY 1947 PUBLIC WORKS DEPARTMENT 6 pm

P.W.D. (A)

Rev. U.O. No. 48817 D2/47-1

Please see the notes of the E&P.H. Deptt. 23.5.47 from p 8 above. This Deptt is now concerned with X & Y on p 9.

X on p 9. Institution of 3rd year course in the Annamalai University for minor irrigation and road reconstruction overseers.

D.S. has supported this proposal - vide p 5 above.

Pr 23/5/47

'Y' on p. 9 ante: This Deptt. may agree with 'Y' on p. 9 ante. The candidates, if selected, can be appointed only as Draftsmen as there are no posts of ~~supervisors~~ overseers in the Highways Department.

The file may be passed on to Rev.

Thro' P.E.K. 26/5

H EA 11

(56)

The opinion of the Principal & Board of visitors of the Engg College is of course entitled to much weight, but I ~~wonder~~ doubt whether the Annamalai University should ~~be~~ strictly abide by it especially in view of the opinion of the Principal who is actually in charge of the instruction. The L.C.E. of the Annamalai University ~~may~~ as contemplated may not be quite as good as that of ~~the~~ Guindy; ~~but~~ I wonder whether such a strict balance is maintained between the L.C.E.'s of Mysore, Travancore, Hyderabad, Madras etc., all of which are recognised as roughly equivalent. Since the main object of a 3rd year course is to prevent injustice to students already admitted, and is therefore a temporary expedient, there doesn't seem to be any impropriety in it

26/5/47 28/5

Rev.

ASSISTANT SECRETARY TO GOVERNMENT 20 MAY 1947 1773 CHIEF SECRETARIAT

ADDITIONAL ASST. SECRETARY TO GOVERNMENT 33684 28 MAY 1947 REVENUE DEPT.

Op 28/5/47

H3 Rev 28.5.47

PWD U.O.: 2507-A/47-1
28.5.47

Rev dept

To AS2

Notes from page 8 above may be perused.

2. This dept may agree with E&PH. Secy's remarks at Y on p. 9 ante. The file may be passed on to Pub.

File sent to this dept w.r.t. the proposal at 'Y' on p 9 ante

TSK 29.5.47 29.5.47 D.S. 29.5.47
Pr 29.5.47

Pub (Ser).

ASST. SECRETARY TO GOVERNMENT 30 MAY 1947 32683 FINANCE DEPARTMENT

Rev. No 33684/47-1
29.5.47

Pub (Ser)

Notes from p 8 ante may be perused. This dept may agree with the views of the E&PH Dept. The file may be passed on to Finance.

Pub (Ser) No 1773/47-1
30.5.47

29.5.47 29.5.47

Addl Secy / Fin

G3

Finance (Exp.A) Deptt.

Please see previous Finance note on p.5 above and the further notes on pp.8-11 ibid. The file is now sent to this Department with reference to X on p.9 above. This Department may agree ~~to the proposal~~ to the Annamalai University being consulted whether it is prepared to institute the third year course with the approval of the Technological Board for the award of L.C.E. diploma by such board. The E & P.H. Department also may ascertain the amount of grant payable to the University if the course is to be extended. — cf. Fin. note on p. 5 ante

X ante

C. 31.5.47.

RS 31.5.47. DR 31.5.47

C. 31.5.47. Kr 31/5/47 ADS

EPH

Inwd 32683 Exp.A-1 31.5.47

46028.

E.& P.H.(G.3)

The file relates to the request of the students of the Diploma course in Road construction and Minor Irrigation Overseers at the Annamalai University for the award of the L.C.E.diploma to them. Their requests are

PP1-3 cf & 26-32 cf

P32 cf & the minute of H M on p 1 ante

(1) That they must be allowed to continue their course for one more year to bring them to the standard of the L.C.E. and be awarded the diploma of that course;

or

(2) That they must be permitted to join the third year of the L.C.E. course in the Engineering College, Guindy, or in the Polytechniques ~~or in any other College~~ and complete it for obtaining the L.C.E. diploma.

With reference to the minutes of H.M.(Edn.) on p.1 ante, the D.P.I. was consulted on item (1) above. He consulted the Principal, College of Engineering, Guindy, who placed the matter before the Board of Visitors of the College. The Board has resolved that the syllabus of the two years Road Construction and Minor Irrigation Overseers course in the first ~~xxxxxx~~ and second years is definitely lower in standard than that in the first two years of the L.C.E. course and that it is not therefore proper to award the L.C.E. diploma after an additional course of one year ~~at the Annamalai University~~. It is not therefore desirable to pursue this course.

P6 ant & P13 cf

PP15-16 cf

P67 cf

The D.P.I. was also specifically consulted on items (3) and (4) P68 cf of

(57)

of the requests of the students on p.32 c.f. viz.,

(i) To provide for them an extended course in the Engineering College, Guindy, or in any of the ~~Politechniques~~ Polytechnics;

or

(ii) To be at least permitted to take the L.C.E. diploma ~~by~~ as private candidates.

P71 cf

PP70-71 cf

P9 ante

P10 ante

P12 ante

Re.(ii) above, the D.P.I. states that the request is inadmissible as the L.C.E. diploma is granted on the results of 3 examinations conducted at the end of the first, second and third years. As regards (i) above, ~~this Deptt. suggested~~ the D.P.I. suggests that the students can either join ~~the~~ any of the Polytechnics in the Presidency, or that the Annamalai University itself can ~~xxx~~ conduct its own course for the third year with the approval of the Technological Board. This department suggested that the Director of Industries and Commerce ~~may~~ be consulted and the Annamalai University also may be addressed in the matter. Devt. have agreed to the suggestion to consult the D.I.& C., and Finance agree that the Annamalai University may be consulted whether it is prepared to institute the third year course with the approval of the Technological Board for the award of the L.C.E. diploma by such Board, and if so, to furnish ~~details~~ an estimate for the amount of grant that would be payable to the University.

Subject to orders, a draft memo to the Director of Industries and Commerce and ~~the~~ draft letter to the Annamalai University are for approval.

~~May be circulated to H.M.(Edn.).~~ This deptt also suggests that in any case, it may be laid down that in the matter of recruitment to the posts of road construction and minor irrigation overseers and draftsmen, the existing students in the Annamalai University who have undergone the course successfully at the end of the prescribed period of two years be given preference over other qualified persons. ~~Devt.~~ Secy, P.W.D. Revenue & Public (Sr), agree to this suggestion. May be circulated to H.M.(Edn).

RS 1-6-47

A

CSO 2-6-47

AW 2-6-47

2.6.47

S 2-6-47

Secy (Edn) H.M.(Edn)

TSA 4.6.47

Hon. Rev. Hon. P.W.D. may see the case after [illegible] H.M.(Edn.) [illegible]

GOVERNMENT OF MADRAS 4 JUN 1947 EDUCATION AND PUBLIC HEALTH DEPT.

E.& P.H.(G.3)

(Issued as letter No.17853-G3/47-6 Edn., dated 4-6-47 to the Registrar, Annamalai University)	P.P.72-73 c.f
(Issued as memo No.17853-G3/47-7 Edn., dated 4-6-47 to the Director of Industries and Commerce)	P.P.74--75 c.f.
C.No.49388/47 - From the Registrar, Annamalai University, No.2178 dated 13.6.47.	P.76 c.f.
C.No.49889/47 -From the D.I.& C., No.1091 C3/46 dated 14.6.47	P.78 c.f.

Please see the letters from the Registrar, Annamalai University, on p.76 c.f. and the Director of Industries and Commerce, on p.78 c.f. The Registrar states that the Annamalai University cannot arrange for a third year course for the Overseers leading to the L.C.E. diploma, as the arrangements made for the overseer course were purely temporary and cannot be undertaken permanently by a University. The Director of Industries and Commerce states that ~~there~~ the Technological Diploma Examination Board will have no objection to admit students of the Diploma course in Minor Irrigation and Road construction Overseers of the Annamalai University to the third year L.C.E. courses of the Polytechnics, but that the new Polytechnics will have their third year L.C.E. classes only during 1948-49 and ~~that~~ hence it would not ~~therefore~~ be feasible to start a separate 3rd year class at the Polytechnics exclusively for the Annamalai University Overseer diploma holders. He therefore suggests that the students of the Overseer course of the Annamalai University may seek employment or gain the requisite practical experience in the P.W.D. or in private establishments for one year during 1947-48 and then seek admission to the 3rd year classes of the Polytechnics.

His views may be adopted

P76 cf

P78 cf

The question whether the students can be provided with any job immediately for practical experience is one for consideration in P.W.D.

The points for orders are

(1) ~~Whether~~ That the proposal to continue the temporary course of road construction and minor irrigation overseers in the Annamalai University may be dropped;

(2) ~~Whether~~ That such of the students ~~who~~ as desire to get enrolled in the third year L.C.E.course of the Polytechnics may be permitted to join the course in

Z

(53)

in 1948-49, as suggested by the Director of Industries and Commerce - the arrangements for imparting practical training for the one year period during 1947-48 being made by the P.W.D. ~~left to the candidates themselves, or the arrangements being made by the P.W.D. to impart practical training to these candidates~~;

Z

(3) ~~Whether~~ That preference ~~should~~ may be given to the candidates ~~who are undergoing the special course of training in~~ trained in the Annamalai University for ~~admission~~ appointment to the posts of Road Construction and Minor Irrigation Overseers and draftsmen.

M

The case may be sent to Development and P.W.D. before circulation to H.M.(Edn.), H.M.(Revenue), H.M.(P.W.D.), and H.M.(industries).

THIRD ASST. SECRETARY TO GOVERNMENT
17 JUN 1947
DEVELOPMENT DEPARTMENT

17.6.47

17/6/47

Dev:
(P.W.)

Dev 57133 Di/47
18.6.47

E&PH(G3)
U.O. No. 17853 G3/47-8 Edn
16/6/47

Dev Dept

To U.S.

[Previous notes of this dept. are at p. 10 ante]. 'B'

The file has been sent to this dept. with ~~ref~~ to ~~B~~ in ~~of~~ this dept.'s note at p.10 ante. ~~Note from p.10 ante bottom of p.10 ante and the letter from the D.I. & C. at p.78 c.f. may be perused and the file passed on to P.W. Dept.~~

In view of the agreement expressed by the D.I.& C. in his letter at p.78 c.f. this dept. may agree to the procedure indicated at Z on pp 14-15 above. For orders.

The case may be passed on to PWD

AM
19-6-47

Dr
18.6.47

18.6.47

J.S

20/6

Dev. U.O. No. 57133 Di/47-1
20.6.47

2 JUN 1947

PWD

(Previous notes of this Dept. on pp 10-11 above)

Please see E&PH notes from page 14

As regards 2 on pp 14-15 above it is submitted that as draftsmen are required in the Hwys Deptt. it may be possible for the C.E.(H) to offer these candidates draftsmen's posts. The case may be returned to E & P.H. who may consult the C.E.(H) (GB)+ as to what facilities for ~~training~~ giving training to the candidates can be given in 1947-48.

Thro' Drafting Ld. M. re. 2 on p 15 A.

A

20/6/47

20.6.47

S

PWD No. 2507 A/47-2
21-6-47

51692

E.& P.H.(G.3)

Please see the remarks of Devt. and P.W.D above.

With reference to A above, a draft memo. to the C.E.(H.) and C.E.(G.B.& Defence) is submitted for approval.

(x) Issued as Memo No. 17853 G3-47-9 Edn. 23/6/47

RS 23/6/47

23.6.47

S 23/6/47

av 23/6/47

[Issued as memo no 17853 G3/47-9 dated 23.6.47] p 80 cf

E.& P.H.(G.3)

The notes from p. ~~14~~ 12 ante may be read. [With reference to A of the P.W.D.note, on p.16 above, a reference has been issued to the C.E.(H) and C.E.(G.B.& Defence). His reply is awaited.] ~~Pending the receipt of their replies~~, the file may now be circulated for orders on the proposals (1) to (3), on pages 14-15 ante.

P 80 cf

VRS 24/6/47

av 24/6/47

25.6.47

S 26/6/47

H.M. Public Works may see first.

H.M. (Edn.) ✓

H.M. (Rev.) ✓

H.M. (P.W.) ✓

H.M. (Indus.) ✓

OS 26/6/47

TSA 8.7.47

Proposals 1 to 3 may be agreed to. The replies from the C.Es may be awaited.

9/7

yes 10/7

yes 9/7

SECRETARY, EDN. AND P.H. DEPT.
10 JUL 1947
GOVERNMENT OF MADRAS

Please see the minutes on p 16 ante. The file may now be circulated to H.M.(Edn) ~~vide this~~ for orders on the main points referred to at 'I' at p. 16 ante.

The C.E. P.W.D (General, Buildings and Defence) has sent his reply. His further report regarding the training of the Overseer Diploma course students of the Annamalai University may be awaited until 20-7-47. His remarks on point (ii) relating to the admission of those students in ~~Polytechnics~~ the III rd year L.C.E course of the Poly-technic Institute may be communicated to the Dr. of D & C for his opinion and report.

The drafts below are for approval.

PP 82-83 cf

av 11.7.47

11/7

11.7.47

S 11/7/47

H.M. (Edn.) — approve of drafts?

(1) Issued as Memo. No. 17853 G3/47-10 Edn dt. 11-7-47 P 84 cf

(2) Issued as Memo No. 17853 G3/47-11 Edn 11-7-47. P 86 cf

12 JUL 1947

TSA 12-7-47

E & P.H.(G3)

C.No.57091/47

P 84 cf

P 86 cf

P 88 cf

(Issued as Memo.No.17853-G3/47-10 Edn., dated 11.7.47)
(Issued as Memo.No.17853-G3/47-11 Edn., dated 11-7-47)
From the Chief ~~E~~ngineer (Highways)No.2421-H/47-1 dated 11.7.47.

Please see the orders in circulation on p.p.16-17 ~~ante.~~ above. It is for consideration whether Orders ~~may now be issued~~ on the three main points referred to on pages 14--15 ante. may issue after ~~Please also see the letter from the C.E.(Highways) on p. 88 c.f.~~ the reply of the Joint Director of Industries and Commerce to the memo. on page 84 c.f. regarding the nature of ~~training~~ the training and the ~~facilities~~ further report of the Chief Engineer(Gl.,Bldgs,& Defence) on the facilities for practical training are received ~~may be sent to Devt. and P.W.D. respectively for issue of orders in due course.~~

~~It is for cons~~

M

As regards the 3rd point on p.15 ante, viz. preference in the matter of recruitment, the Concerned departments, viz. P.W.D.,Revenue and Public(Services) may have to ~~be requested to~~ issu

amend

amendments to the rules relating to the Services concerned, if necessary, on receipt of ~~copy~~ the copy of the orders issued in this file.

~~The draft order is submitted for approval. It may be sent to Devt., P.W.D., Revenue, and Public(Services).~~

VRS 14/7/47

AV 14.7.47 15.7.47

If any order should issue immediately it should be in respect of item (1) on p 14 ante. Even in regard to this the Annamalai University has stated that it cannot arrange for a third year's course ~~[illegible]~~. There is therefore no special urgency to issue the order ~~now~~. W 15.7.47 S

The urgency about all these is the candidates must know where they stand - with reference to the representation they have made. To release a note

the order issue immediately on all the 3 points, and, with reference to point 2 the [illegible] the question of an [illegible] by the P.W.D. of the practical training [illegible] consideration. It is particularly important the order on point 3 be issued immediately because of [illegible] even for vacancies in these posts which have arisen, these candidates are not given due consideration. A copy of the order may go to the 'Representation' who sent in the Memorandum at pp. 26-32 cf.

W 15/7/47.

E.& P.H.(G.3)

A draft order on all the 3 points mentioned at pages 14-15 ante is submitted for approval. May be sent to ~~Devt.~~ Devt., P.W.D., Revenue and Public (Services) u.o. before issue. The replies referred to at 'M' on p.17 ante, on their receipt, may be sent to Devt. and P.W.D. respectively for further action.

VRS 15/7/47

AV 15.7.47

W 15.7.47

S W 16/7/47

Pwd

Dev:

Rev:

Pub: (Ser.)

E&PH (G.3)

1 JUL 1947

3467

(60)

P.W.D.(A)

The note of E & P.H. on p 18 above and the draft order below may be perused.

para 2 of the order.

Attention is invited to the previous notes of this dept. on p16 above. The C.E.(H) who was consulted, has suggested that the Highways Dept. can employ 60 candidates subject to the two conditions specified by him in his letter d/ 11.7.47. in p 88 cf. This may be agreed to.

Orders re. this will issue later on.

17.7.47

Thro' 17.7.47 E & A 17.7.47

CE 16.7.47

There are posts of Supervisors, and not those of overseers in the Highways Dept., besides draftsmen's posts. It has already been noted that these persons may be appointed as draftsmen - vide 'C' on p.10 ante. It is doubtful whether they can be appointed as Supervisors straightaway. Para 3 of the draft may therefore be amended as indicated in pencil if E & P.H. agree.

17.7.47

Dev. 67500 D7/47 21.7.47

PWD No. 3467-A/47 18.7.47

D.S. 17/7

S 18/7

Dev.

Dev Dept.

19 JUL 1947

DS

To U.S.

Previous notes of this dept. are at p 15 above.

The orders in circulation at p 16 above and the memo issued to the D.I.Sc. at p 84 cf may be perused.

The case has been sent to this dept. now with ref. to para 2 of the draft order below 'X' on p 18 above. This again must await the receipt of reply from D.I.Sc. to the memo at p 84 cf. The case may be passed on to Rev. Dept., as no remarks are called for in this dept. at this stage.

67988 D7/47

21-7-47

21 JUL 1947

Rev.

Rev Dept

To US

(This department last noted in the case on p 11 ante) The notes from p 12 ante and the orders in circulation p. 16 ante may be perused.

2. The draft order below put up by E&PH may be accepted in this Dept subject to the amendments suggested in pencil by PWD ~~no further other remarks are called for in this Dept at this stage.~~

~~3. The file may be passed on to Pub (Ser).~~

It is presumed that the students of the Annamalai University ~~who have under gone the special Course for 2 years~~ should be given ~~given~~ preference over other qualified persons only after they have completed the 3rd year L. C. E. Course referred to in para 2 of the draft. A

3 The file may be passed on to Pub (Ser)

SM 22/7/47

22/7/47

23.7.47

Pub (Ser)

ASSISTANT SECRETARY TO GOVERNMENT
24 JUL 1947
2479
CHIEF SECRETARIAT

Rev U.O 4320 H/47-1
24-7-47.

Public (Ser) Dept.

(Last seen at p. 11 ante). The notes from p. 12 ante, the orders in circulation and the draft order below may be perused.

The file may be returned to E & P.H.

(Recd back from us on 24 ... SM)

Thro' Ser-B.

24/7/47 25.7.47

25.7.47

25/7/47

E & PH
G3

25/7/47

Please see the notes of P.W.D., Devt, Rev & Public (Ser) depts above. The amendments suggested in pencil by P.W.D may be agreed to.

As regards the presumption of Rev at 'A', above it is said that preference is to be given

Pub (Ser) No 2479/47-1
25-7-47

60436
25 JUL 1947

---

to these candidates over other qualified candidates whether they complete the 3rd year L.C.E course or not - vide ~~...~~ on p 9 ante ~~and~~ item (3) on p. 15 ante, and the orders of Govt at p 16 ante. Revenue may see again before issue

This may have been made quite clear, as has amended by me.

25/7/47

26-7-47

S
26/7/47

Rev: Deptt.

To W.S.

Please see the notes of this deptt. on p. 20 ante and the notes of E & P.H. above. The M. I. Sub. Ser. Rules will require amendment as the special Course in the Annamalai University is not one of the qualifications prescribed in the rules for appointment as H. I. O. Action will be taken on receipt of a copy of the order ~~...~~ ~~requested to send a copy of the order~~ with relevant extracts from ~~this file~~. E & P.H.

The file may be returned to E & P.H.

E & PH (G3)
Edn No. 17853 G3/47-1 Edn
26/7/47

26/7/47

4402 H

Regr 1 ...

26/7/47

61219

28.7.47

28.7.47.

E P H.

Rev. U.O 4402 H/47-1
28-7-47

E.& P.H.(G.3)

Please see the note of the Revenue Deptt. above, and the letter from the Joint Director of Industries and Commerce at p.90 c.f. The J.D.of I.& C., reports that it is not possible to make arrangements for the training of these students in the Polytechnics during 1948-49. He suggests that the arrangements ~~arxx~~ recommended by the C.E. (PWD) may be carried out at the Engineering College, Guindy. Devt. agrees with the above views of the J.D.of I.& C., In the circumstances, para.2 of the draft order already put up requires revision.

p 90 cf

pp 82-83 cf

p 91 cf

p 70 cf

The D.P.I. has already stated that the Engineering

ing College, Guindy, has severe pressure of accommodation owing to the Anantapur College being there and that it cannot conduct a separate class for these students. In the circumstances, it does not seem possible to give the students of the Annamalai University ~~Dxipix~~ Diploma course extra training for another year either at the Engineering College, Guindy, or in the Polytechnics. It is for consideration whether th~~ese~~ proposal~~s~~ should be dropped or further proceeded with. ~~may be dropped.~~ Pending orders on this, para. 2 of the draft order may be altered as follows:--

"The question of admitting the students who have successfully undergone the course of 2 years at the Annamalai University and who desire to get admitted in the third year L.C.E. class ~~in~~ of the ~~Pk~~ Polytechnics or in the College of Engineering, Guindy, is under consideration and ~~khak~~ orders will issue in due course".

The file may be circulated. ~~to H.M.(Edn.)~~

May be done.

This will have to be dropped, I am afraid.

VCS
29/7/47

AV
29.7.47

22.7.47

S
30/7/47

ISA
30.7.47

(Cm)

31.7

SECRETARY, EDN. AND P. DEPT.
8 JUL 1947
GOVERNMENT OF MADRAS

E+PH(G3)

A revised draft order embodying the orders ~~alteration proposed at A~~ above is sent for approval. ~~Afterissue the file may be sent to Devt. and P.W.D. regarding the proposal at 'P' above.~~ In view of the remarks of the Joint Director of Industries ~~at~~ and Commerce at p. 90 cf, viz that it is not possible to make arrangements in the Polytechnics to admit in Jany. 48 the students of

31.7.47

A3

23

(12)

of the Road construction and Minor Irrigation Overseers course of the Annamalai University into the ~~second~~ third year L.C.E., class, or to organise an intensified course for them in 1948-49, the further report from the C.E. (General Buildings and Defence) mentioned at M on page 17 ante, need not be awaited. In this connection please see a further representation received from the students in question at pp. 92-94 cf. The request (at 'R' on page 94 cf) in the petition has already been considered vide 'c' on p 10 and 'R' on page 19 ante. They cannot be appointed as supervisors straightaway.

After issue the file may be sent to Devt. and P.W.D. regarding 'p' on p 22 ante.

31/7/47

AV
31.7.47

31.7.47

S
31/7/47

Dev. & P.W.D.(W)

73393 DI/47
4.8.47

Issued as G.O. No. 1721 Edn. dt. 31-7-47. – P96 cf.

Dev. Dept.

E+PH(G3)

U.O. No. 17853 G3/47-12 Edn.
2/8/47

To U.S.

(Last seen at bottom of p 19 ante). Further notes from p. 20 ante may be perused. No remarks are called for in this department now. ~~The dept will agree with the views of the Secy E+PH dept~~. Files may be passed on to P.W. Dept.

MINOR SECRETARY
4 AUG 1947
DEVELOPMENT DEPARTMENT

4.8.47

4.8.47

AD
4.8.47

P.W.D.

P.W.D.

P.W.D.(A)

DI

Dev. U.O. No. 73393 DI/47
4.8.47

To DS

(Last seen on p 11 ante). Further notes from p 20 ante may be perused. No remarks seem called for on 'P' on p 22 ante. The file may be returned to E+PH.

5/8/47

5.8.47

6/8/47

6/8

E+P.H

3/8

PUBLIC WORKS DEPARTMENT

ASST. SECRETARY TO GOVERNMENT
August
8 - ~~JUL~~ 1947
64233
EDUCATION AND PUBLIC HEALTH DEPT.

Thru L + A.

P.W. Dept.
3418 M/47-1

24

E&PH (R3)

Please see the notes of Dev + P.W.D on p. 23 ante. With reference to P on p 22 ante, a draft memo is subd for approval. [After issue, it will be filed with the G.O. at p. 96 cf).

8/8/47

10.8.47

11/8/47

av
28/8/47