Scott. II-27—37,004—18-11-45.

Edn & P.H. (1946) Department.

Ms. SERIES. ①

G.O. No. 1191

Dated 15.6.46

[Despatch Abstract.]

University-Annamalai-Road construction and minor irrigation
overseers' course-conduct of examinations by the Technological
Examinations Board-Grant of stipends to students-Orders passed.

C.E. may be consulted
I have already sent pet. into office.
A2
I am disposed to regard this very favourably. A.A.
Correct NK
18.10.44
Sec E&PH
Ch.Engr

From

The Vice-Chancellor,
Annamalai University,
Annamalainagar.

SECRETARY, EDUCATION AND P. H. DEPT.
18 OCT 1944
GOVERNMENT OF MADRAS

To

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

②

Sir, 50134

The Madras Legislative Council decided to introduce technology as one of the subjects of study at the Annamalai University. It was, in fact, the only major amendment passed by the Legislature in the bill as introduced by Government in 1928. The subject has been before the University bodies and from time to time proposals have been made. In the year 1929 a scheme of Textile Technology and Mechanical and Electrical Engineering was proposed at a recurring cost of 2.5 lakhs and a non-recurring cost of 15 lakhs.

In 1941 Government was pleased to sanction a grant to meet the urgent need there was for an extension of the Science Laboratories. For want of materials the sanction could not be availed of.

In 1943 Dr. Alagappa Chettiar made a generous grant of five lakhs of rupees. I visited Bombay, Cawnpore, Nagpur, Delhi and Poona and outlined a scheme of technological studies. The advice of experts has been taken and as a result the scheme here outlined has been proposed.

Recent schemes of post-war reconstruction have made it abundantly clear that there is need in this presidency for about a thousand road engineers and 300 civil engineers not to speak of electrical and mechanical engineers. Accommodation in the existing engineering college has been proved to be not equal even to a fraction of the demand there has been. The Madras Presidency has in the opinion of the Director of Public Instruction need for 3 engineering Colleges. It is therefore proposed that a full engineering College with provision for electrical, mechanical and civil engineering including road engineering, as also courses in chemical technology and electrical communication engineering, be started at Annamalai University. Experts in the line whom the University has consulted estimate the recurring and non-recurring cost to be as indicated below:-

Non-recurring:-

Equipment for electrical engineering.	4 lakhs.
Equipment for mechanical, municipal and highway engineering and chemical technology and communications engineering.	3 to 5 lakhs.
Laboratories, workshops etc. to house the equipment.	1½ to 2½ lakhs.
Accommodation for lecture classes for all the courses. (This item does not include the cost of quarters for staff and hostels for students of the engineering classes).	2 to 4 lakhs.

Two of the courses contemplated require teaching in Physics and Chemistry of an advanced standard that should be provided by extra staff being appointed in the Physics and Chemistry Departments. Accommodation in the laboratories has also to be added to as the present laboratories have been felt to be too insufficient for the large number of applications for science courses already offered.

Towards this a sum of 1.5 lakhs may be needed.

Thus the total non-recurring expenditure may be 12 lakhs at the minimum for immediate needs and 17 lakhs in the course of a few years. These estimates will be seen to be moderate as the College of Engineering, Guindy, has so far cost 16 lakhs by way of buildings and 15 lakhs by way of equipment.

Recurring Cost:-

The recurring cost in the Madras Engineering College is near 3 lakhs, -- two lakhs by way of staff and one lakh by way of other expenditure from year to year. As in the initial stages the cost may not be so high, it may be enough to provide for an initial expenditure of two lakhs, though the ultimate figure may be 3 lakhs and more.

In the several stages of the formulation of the scheme,

I have had the benefit of the careful scrutiny and the considered suggestions of the Director of Public Instruction who has been kind enough to bestow a good deal of his time and attention to the subject. His advice, as also that of other experts in the technical line has been made full use of. It is in fact the desire to consult as many experts as possible that has been responsible for the delay in the submission of a scheme, the nucleus of the funds for which was received by the University as early as June, 1943.

I have therefore to request the favour of the scheme being sanctioned to enable the starting of the Annamalai University Engineering College in June 1945. The workshops should be begun immediately so that they might be ready for use in June 1945.

The University would be grateful for a grant of at 7 lakhs towards the minimum non-recurring cost of 12 lakhs ailed above and a grant of two-thirds towards the recurring t of 2 to 3 lakhs. By these grants the University will be enabled to fulfil the expectations of the public and the legislature raised even at the time the Annamalai University Bill was passed in 1929 and the demand that has been made from time to time both at the Senate and the other authorities by resolutions and questions and the pressing need of the hour. Only when the scheme is sanctioned the University will be in a position to give concrete shape at least in June 1945 to the generous grant made by Dr.Alagappa Chettiar in June 1943 of five lakhs, a rare grant so far as this part of India is concerned, though his later gifts of 3 and 2 lakhs to the Madras University have borne fruit in the form of a College of Technology at Madras functioning from July, 1944.

Camp, Madras,
12th October, 1944.

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

Vice-Chancellor.

4

E & P H. Dept.

Please see minutes on p. 1 note

This is a copy of the V.C.'s letter which A₂ has circulated on the 12th inst., asking that D.P.I.'s views might be obtained & the application for grant dealt with quickly. The D.P.I.'s views have been obtained and the file, after examination in E & P H, is just going to Finance, but A₂ may kindly say whether C.E. should be consulted now or at a later stage and whether he should be asked to advise on any particular aspect or aspects of the proposal.

S
18.10.44

9/10

Ask C.E. now for his views generally on the proposal? In particular, what type of training he suggests sh^d be given.

20.x.44

D.O. for appl.

(write fair)

S
20.10.44

20.10.44

M. Ruthnaswamy Esq., M.A.(Cantab),
Bar-at-Law, C.I.E.,
Vice-Chancellor.

ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

WITH COURAGE AND FAITH

20th October, 1944.

47

Add to scheme p.f. ④

Sec E&PH

20 OCT 1944
EDUCATION AND PUBLIC HEALTH DEPT.

50498 Dear Mr. Austin,

In continuation of my letter of the 12th October, submitting a scheme for Engineering and Technological courses at the Annamalai University, I would urge that they be given effect to immediately with a view to instruction being started in June 1945. The sooner the need for an Engineering College is satisfied the more will it be possible to take up post-war reconstruction in earnest immediately the war ceases. Building work for the purpose of workshops and special laboratories is quite essential. It is also feasible now as iron is more easily secured. Brick and chunam also being easily available, construction might be started immediately with a view to the buildings being finished and occupation effected in June 1945.

The scheme submitted is for a total of 17 lakhs of non-recurring and 3 lakhs of recurring cost. As immediate advance in all directions is urgently needed, the entire scheme requires approval. Towards the non-recurring cost of 17 lakhs a sum of 5 lakhs is now ready from out of the grant generously made by Dr. Alagappa Chettiar. Government grants towards the rest of the money, namely 12 lakhs, are needed. In this estimate no provision is made for houses for the teachers and hostels for students, though these are immediately necessary in this residential University in its own grounds, especially

8/

2.

as the lodging and boarding facilities available in Chidambaram town are miserably meagre. It is for this accommodation that I plead for an additional three lakhs.

The existing hostels of the University have provision only for 650 students, whereas the strength today is 1,400. It is therefore impossible to accommodate the additional numbers that will now offer themselves for Engineering and Technological studies in the present hostels.

As I have already pointed out, the Annamalai University scheme will be found to be very modest as, unlike the Madras University Technological scheme which has made use of the resources of the Guindy Engineering College, this University has to develop all its Engineering and Technological courses from the foundations. It must also be remembered that prices are now considerably higher than those in the days when the Madras Engineering College was built and equipped. The Annamalai University having to begin anew, requires additional assistance in the shape of immediate grants being sanctioned for the modest scheme already submitted.

As it is earnestly hoped that instruction will start in June, 1945, and as the work of putting up the essential buildings for laboratories and workshops may take at least 8 to 9 months, sanction for the whole scheme must be accorded even now by the scheme being considered as a special case and orders passed on it without the scheme being made to wait for the formalities of a Part II scheme.

In the scheme as already submitted there was no provision made for the building of houses for the staff and hostels for students.

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ANNAMALAI UNIVERSITY
ANNAMALAINAGAR
..................19

(5)

3.

The recurring cost might also increase as the University proposes to begin an Engineering College anew and add also courses in chemical technology and radio engineering, courses not attempted by the Madras University or the Engineering College at Guindy. Again, it has to be remembered that the numbers at this University being small, it cannot depend on such a large fee income as the Madras University.

I am grateful to you and Sir Norman Strathie for the sympathetic reception that you have given the scheme. May I take leave to ask that the scheme be fully sanctioned as well as the necessary funds as a supplementary grant so that early effect be given to a scheme that is generally recognised to be necessary to produce the engineering and technical personnel required for our post-war reconstruction schemes.

Yours sincerely,

M. Ruthnaswamy

Vice-Chancellor.

F. 32.

Public Works Department

From (Name) E.H. Crave Esq., C.I.E., B.Sc.,

Designation Chief Engineer, P.W.D., (Genl. Bldgs. & Defence).

Station Chepauk, Madras.

Received .... Registered ....

To

The Secretary to Government,
Education & Public Health
Department.

50849

Enclosures:

No. 6673-E/44-3. dated 23rd October ~~194~~ 1944.

24 OCT 1944

Sir,

p 5 ante

Sub: Letter of Vice Chancellor, Annamalai University dated 12-10-44.
Ref. D.O. No.49267 C-2 dated 20-10-44 of Secretary, Education & Public Health.

pp 15-18 infra

In my letter No.4035-Wks/44-CP. dated 23-10-44 to the Secretary, Public Works Department (copy to Secretary, Education & Public Health) I have given figures of the existing P.W.D. staff and whilst giving figures of some probable future demands, it has been pointed out that no basic data exists to determine what the probable annual demands will be for technical personnel. In the same letter is given the present outturn of students from the Engineering College, Guindy, and the ultimate possibilities of that institution as it now exists.

p. 3 & 7, l. 7 distinguished

I have the following remarks to make on para 4 of the Vice Chancellor's letter dated 12-10-44.

(i) It is said "that there is need in this Presidency for about 1000 road ~~xx~~ engineers and 300 Civil engineers, not to speak of electrical and mechanical engineers".

p. 16 infra

In my letter No.4035-Wks/44-CP. dated 23-10-44, I have explained that Chief Engineer, Communications gave this rough figure of 1000 engineers and licentiates as required on the basis of the contemplated All India Road programme, but he amplified his ~~xxxxxx~~ statement by saying that after the initial recruitment only about 30 Engineers and licentiates would be required every year. These figures were subsequently amended by the Chief Engineer, Communications, as noted in my letter quoted above. In regard to the other figure of 300 Civil Engineers I have explained the position in the above letter. It will therefore be observed that the figures cannot be directly interpreted in terms of an annual future demand.

p. 16 infra

(ii) It is said "accommodation in the existing Engineering College has been proved to be not equal, even to a fraction of the demand there has been."

There has been great shortage of technical staff since the beginning of the war, though, pre-war, there have been occasions of retrenchment when the output of the College was above the demands.

(iii) It is said "The Madras Presidency has, in the opinion of the Director of Public Instruction, need for 3 Engineering Colleges."

A number of years ago there were, besides the Engineering College, Guindy,-- two engineering Schools at Vizagapatan and Trichinopoly turning out lower subordinates and draftsmen. These Schools were abolished for various reasons and later the lower subordinate and draftsmen classes were also abolished at the Guindy Engineering College, as the standard of training was considered to be inadequate for the ~~xxx~~ functions required of those posts.

(iv)

(iv) On the basis of the above 3 items, it is stated "It is therefore proposed that a full Engineering College with provision for Electrical, Mechanical and Civil Engineering including road engineering, as also courses in Chemical Technology and electrical communications engineering be started at Annamalai University."

Whilst the basis on which the conclusion is arrived at may not be explanatory, this is largely because the data does not exist and cannot exist until industrialisation under private agencies, advances further than it has to date.

Electrical Communications is only now being introduced at the Guindy Engineering College, so it may be premature to start a course at another University before the field has been explored somewhat.

I would in this connection invite reference to the Central Advisory Board of Education report, published in -- January 1944 on Post-war Educational Development in India. It is known as the Sargent Report. The recommendation of the Board was, that reorganised High Schools should be of two main types (a) The Academic High Schools and (b) the Technical High Schools, to fit into a scheme of feeding two classes of institutions, -- full time Education and Part time Education combined with Practical Training. All India certificates and diplomas are envisaged for various craftsmens training.

para 6, p. 17 of report.

The bearing on the situation in Madras is explained in my letter No.4035-Wks/44-CP. dated 23-10-44 wherein -- 1000 Engineer applications were received for entry into the College of Engineering last year against 250 for licentiate training and out of which, due to inadequate utilisation of mathematical optionals, only 80 licentiates could be entertained. There would on this basis be no suitable licentiate student applications for the new University, although under the present P.W.D. organisation licentiates are in heaviest demand to fill the Supervisor grade (vide figures given in my letter quoted above). There is some frustration when a B.E. has to continue for his whole service as a Supervisor, whilst, if pay of the lower grades is based on technical qualifications cost of administration becomes excessive. This is, however, a matter that will have to adjust itself and so far as applications for degree courses are concerned, there are on the basis of figures given, more than enough for 3 institutions.

16

15

There is some truth in this

Development of industrial expansion is most likely to be served by encouragement of the part time educational scheme of the Sargent Report. This has to be a process of growth, based on private endeavour, as Government Officers, as such, are obviously not equipped either by training or experience to direct such a programme. It need not be pointed out that a graduate B.E. is not of use in such a programme until he gains much experience by contact with works and post-graduate study. The subject of Post-war education and training of engineering personnel is dealt with by the Principal, Osmania Technical College, Hyderabad -- following on the Sargent Report, -- in the September 1944 Journal of the Institution of Engineers (India), -- enclosed herewith for perusal. He states "Finally it is clear that the Universities can only deal with a very small fraction of the engineering personnel required in the highest cadre in India after the war."

Not received. I have phoned D.P.I.-C.E.

15/3

To meet the expansion of the Engineering College Guindy, to be given effect to from the ensuing year it will be necessary to recruit competent teaching staff. There is no technical personnel now available, without withdrawing them

from other activities, though applications will certainly be received from men with the prescribed theoretical training who are engaged on lower paid jobs. Special aptitude for teaching is, of course, required and this may be possessed in varying degrees by applicants, but qualified and experienced engineering professors will not likely be available now and certainly not adequately to staff another University with competent Engineering instructors. I would in this connection mention that this department has been unable to obtain an Engineer, suitable for one particular branch of P.W.D. activity, though All India advertisement was made. The essential war demands on materials are more than can be met under existing conditions and some of the military programmes have had to be drastically cut down recently on this account. The Principal, Guindy Engineering College, is trying to obtain the hostel accommodation, built at the College by the Government of India, to meet the immediate future expansion in that institution.

To start a complete new faculty of Engineering at an Academic University in June 1945, would, I think, be impracticable. In his para 2, the Vice Chancellor has pointed out that the extension of the Science Laboratory could not be made in 1941 due to want of materials. The position has deteriorated with 3 more years of war and it is unlikely laboratory equipment, surveying instruments, text books and buildings could be obtained to start such a faculty in the immediate future, though there can be no disagreement with the claim that post-war development will certainly require large increase in technical personnel. It is, however, also a fact that the first two years training does not require so much usage of testing laboratories, though workshops would be necessary.

p.3 l.7, l.7

Attention has been directed to the large contemplated demand for road engineers, as envisaged by the All India programme. Due to the simultaneous demand based thereon, throughout India, for cement, asphalt and other road surfacings, road rollers, concrete and asphalt mixers and other plant, available supply restrictions will largely govern and automatically restrict the programme.

In the road programme, the most highly qualified engineers will be those required for designing bridges and this personnel should come from the degree graduate. The subordinates

subordinates required for a large part of the programme, - road construction proper, -- need not receive the usual full engineering course of training. Whilst it is understood that a University will wish to produce degree engineers, yet the present demand, is, to produce personnel for immediate postwar programmes and concerns more polytechnical Schools. An engineering degree course can only serve its demand 4 years after the entry of the student thereto. The polytechnical institutions do not exist on a scale comparable with the future probable requirements. I would suggest that an immediate need would be met and a foundation laid for an engineering faculty when conditions permit, -- if the Annamalai University could undertake as a subsidiary activity the training of a class of road construction Overseers (but not bridge engineers, as these require normally the full engineer basic training). A class of minor irrigation overseers to meet the rural water supply requirements of the Revenue Department would also be most useful. If the University could assume the functions of a technological Institute until such Institutes can develop, a decided contribution to realisation of postwar programmes would be given.

23.10.44

Chief Engineer, P.W.D.

Encls:- One Journal "Institution of Engineers (India).

Rs.23/x

ska/25-10-44.

Educational Department.

Apart from the Government Departments dealt with above, there will be demand for Engineers and Licentiates by local bodies, private firms and the Railways. The M.&.S.M. Railway representative intimated at the last meeting of the Board of Visitors that their postwar annual demands would be small, - probably 4 per annum and the Madras Port Trust representative, anticipated no appreciable demand.

It will be seen from the figures furnished above, that the turn-out of the Guindy Engineering College cannot meet the immediate future demands as now put forward - though after 4 years when the proposed programme based on increased admissions begins to mature, the normal Government demands, apart from projects, might be realized. Such demands as that put forward by the Communications Branch cannot be met from the Madras output as it now exists, nor could sudden demands of such magnitude be met followed by a small annual demand thereafter. In Highways, the main demand for high technical qualifications will be for bridge design and the Chief Engineer (Communications) is contemplating a separate Circle for this activity. Less qualified personnel would then have to be employed to meet such large programmes, if they are likely to mature in advance of the normal training facilities.

The Licentiate course at the College (is) has now (to be) been reduced to 3 years, the B.E. degree course is 4 years. These periods cannot be reduced if a product is to be turned out by the College, that will meet the P.W.D. system as it is now organised i.e., bifurcation between Buildings and Irrigation is only at the Chief Engineer's Office. Supervisors, Engineers and Draftsmen have to be able to deal with the general Civil Engineering subjects of the P.W.D. As stated above the Lower Subordinate Overseer class is now abolished and the Irrigation sections to which the Overseer was normally posted, are to be manned by Supervisors. The advantage of completely bifurcating the Department, with separate Irrigation Branch from Sections up, has been examined in detail in past years and it has not been favoured. The normal P.W.D. qualifications cannot therefore be lowered in order to get mass

production

18

production with short term training. (The accelerated course recently conducted at the ~~[illegible]~~ College has proved to be unsuitable, as the graduates were seen to be definitely less well equipped for entry into P.W.D.)

Further remarks on the subject of increased training facilities are given in this office No.6673 E/44-3, dated 23rd October 1944 to the Secretary to Government, Education & Public Health Department.

p/p 11-14 ante

E H Chave
23.10.44

CHIEF ENGINEER, P.W.D.

RS. 23/x

Copy to the Secretary to Government,
Education & Public Health Department.

S.S.23/10.

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(9) 9 5

Education and Public Health Department.

D.O. 49267C.2

Fort St. George,
20th Octr. 1944.

My dear Chave,

Annamalai University - Scheme for opening technological courses.

I am to forward copy of a letter dated the 12th October 1944 from the Vice-Chancellor of the Annamalai University on the subject noted above and to ask for your views generally on the proposal and for your specific suggestions as to the types of training that may be brought within the scope of the scheme.

C.F.

Despatched
20.x.44.

Yours sincerely,

(o/c)

E.H. Chave, Esq., C.I.E., B.Sc.,
Chief Engineer (General, Buildings and Defence). (with encl.)

⑩ 10 19 E & P. H. Dept (C)

8/14/41

Letter/Ref. No. 49267 C-5
13.XI.44

UD 14XI44

To The Vice Chancellor, Annamalai Univy,
Annamalainagar.

Despd wd ZJM

(mits encl) p14 cf

Sir,

Annamalai Univy - Organisation of Engineering courses - Refce: your letter d 12.X.44.

pp 1-3 cf

I am directed to say that the C.E. (Gy. B & D), who was asked for his views on the proposal to organise Engineering Courses at the Annamalai Univy, has suggested that the Univy could undertake as a subsidiary

p 14 cf

3

14/xi 8

activity the training of a class of road construction overseers and minor irrigation overseers. An extract from the C.E.'s letter is enclosed. If the Univy. starts the proposed ~~new~~ Engineering College in June 1945 its graduates will not be available till 1949 at the earliest. If it could start shorter courses for the class of overseers at the same time ~~as~~ suggested by the C.E. it ~~would~~ be making valuable contribution towards meeting the immediate needs. I am therefore to request you to say whether the Univy. is prepared to start simultaneously the short courses for training road construction and minor irrigation overseers.

Y.o.s.

p 4 uf

4.xi.44 // 6/11/44

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(11)

ANNAMALAI UNIVERSITY

No. 6773.

24th January, 1945.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

03610

ASST. SECRETARY TO GOVERNMENT
25 JAN 1945
EDUCATION AND PUBLIC HEALTH DEPT.

To

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

Sir,

Ref: No.50498-C-3 d.19-1-1945.

private

I submit herewith a copy of the scheme as roughly outlined. It will be placed before the Syndicate at its meeting on the 3rd February, 1945.

Registrar.

pl. put up today along with connected file

28.1.45

24

C12 24

(12)

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar
by designation and not by name.

ANNAMALAI UNIVERSITY

5588
24.11.44

21st November, 1944.

ASST. SECRETARY TO GOVERNMENT
24 NOV 1944
EDUCATION AND PUBLIC HEALTH DEPT.

From
THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

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

pp 19-20 ante 55778

Sir,

Letter No.49267 C.5/44 d.13-11-44.

In accordance with the wishes of Government and as subsidiary to the organization of engineering and technological courses at the University, the Syndicate decided at its meeting on the 18th November, 1944, to start a class for road construction overseers and minor irrigation overseers by way of a contribution by the University towards the execution of some portion of the post-war development programme. The details of the courses to be started, the staff, accommodation and the equipment needed will be worked out and submitted to Government at an early date for favour of necessary financial sanction. It is hoped that with the generous aid of Government it will be possible to start these courses as also the degree courses towards the end of June 1945.

N Viswanathan
Registrar.

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22/19/1

E & P.H. Deptt

Letter/Ref No. 50498 C-3
19.1.45

To the Registrar, Annamalai Univy,
Annamalainagar.

Sir,

Annamalai Univy - Engineering College - Opening of classes for road construction & minor irrigation overseers.

I am directed to refer to your letter No. 5588 d 24.11.44 on the subject mentioned above and to enquire when ~~the~~ your further communication regarding the details of the courses to be started etc may be expected.

p 21 ante

Y.O.S.

16.1.45

19/1/45

18/1/45

PUBLIC WORKS DEPARTMENT

From
E.H. Chave Esq., C.I.E., B.Sc.,
Chief Engineer, P.W.D.
(General, Buildings & Defence)
Chepauk, Madras.

To
The Secretary to Government,
Public Works Department.

50850

13

24 OCT 1944

No.4035 Wks/44 C.P., dated 23rd October 1944.

ub: Post-war Development Schemes - Supply of technical trained personnel.

ef: P.W.D. Memo.No.2847 B/44-1, dated 7th June 1944.

The above question has been examined in consultation with the other Chief Engineers. The Chief Engineer (Irrigation) points out that it is not possible to forecast establishment requirements, as he has no information as to the probable programme of execution of contemplated irrigation projects. The Chief Engineer (Electricity) has given certain round figures, and the Chief Engineer (Communications) has also given certain figures of requirements based on the postwar road programme contemplated in the All India Scheme.

The position is briefly as follows:--

BUILDINGS AND GENERAL.

The main activity of this branch at present is construction and maintenance of Aerodromes and other military works. A.R.P. activities have been reduced to small proportion. Whilst the technical personnel now engaged on Aerodrome works will be available postwar for Civil buildings, the number of such is not so large as to be in excess of the normal civil building requirements. There will be large demand for new offices, hospitals, laboratories, residential buildings etc., postwar to meet the postponed demands of different services. This branch will also have a large expansion of activity in Water Supply and Drainage Works, through the Sanitary Branch. This Water Supply and drainage programme intended utilising Municipal Engineers and District Board Engineers in working it out. There may, however, be little opportunity to use District Board Engineers for such development if the Highways programme should develop to the degree now contemplated. There will have to be recruitment postwar for the Municipal Engineering Service, as that Service has been badly depleted. Based on Engineer Supervisors and Draftsmen "Months" to work out the 20 Year Programme for Water Supply and Drainage as intended by Government, the annual pro-rata figures of about 15 Engineer Supervisors and 20 Draftsmen are not unduly formidable. Here again, however the pro-rata annual figures are not indicative of the initial requirements. The number of Municipal Engineers would be brought up to a strength of 82. (and 27 additional District Board Engineers were intended when the Sanitary Engineer drew up his proposals). The General Branch deals with establishment for the normal activities of the Department both in buildings and irrigation (and previously roads under the old arrangements).

It may be here pointed out that there are now no overseers or draftsmen being turned out from the Engineering College and these categories will hereafter have to come from the Licentiate and Engineer Graduates. The output termed draftsmen of the War Technical Training Schemes is not useful for normal P.W.D. work and cannot be considered in connection with figures given herein.

The existing strength of the P.W.D. has greatly exceeded all previous figures and now stands roughly at

304	Asst. Engineers, Executive Engineers and Superintending Engineers.
721	Supervisors.
172	Overseers.
265	Draftsmen.
1462 or say 1500	

If then it be assumed that the present rate of activity continued war and if it be assumed that annual replacements are, say 10%, then 150 Licen- and Engineers per annum would be needed on this basis.

There is no information as to the period it will take postwar to of plant and materials to meet postwar development plans. Overseas indus- ke time to convert from War manufacture to peace time output and no

definite

16/13

-2-

definite data now exists of probable rate of development of local indus-
tries. This is a matter in which progress will have to be largely
determined by the public. It would therefore be misleading to give with
any assurance any figures of actual probable demands year by year post-
war, when the data on which such figures would have to be based, do not exis

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IRRIGATION PROJECTS.

The Chief Engineer (Irrigation) has given certain figures of
probable requirements for 14 projects (excluding Polavaram Island Project)
which total a demand of about 376 Licentiates and Engineers. This figure
can be divided by whatever figure of years may be taken for an average annual
demand. The Chief Engineer (Irrigation) has given probable periods of
construction of the Projects varying from 1 to 7 years. If ~~it~~ should be
taken as averaging 5 years, about 75 per annum would be needed.

ELECTRICITY DEPARTMENT.

The Chief Engineer (Electricity) has given an annual staff demand
of 45 Licentiates and Engineers and 4 Draftsmen.

COMMUNICATIONS DEPARTMENT.

The Chief Engineer (Communications) gave his overall demand as
1000 inclusive of draftsmen and after this initial number was given, he would
only require 30 Engineers and Licentiates per annum. These figures were subse-
quently amended in a communication to the Principal, College of Engineering
to 172 Licentiates and 166 B.Es. per year for the first 3 years and 47 and 41
respectively per year afterwards.

This office has no information as to the probable number of Madras
qualified men who will be released from the Army Postwar (Upper Subordinates and
Engineers). It is presumed that Government will obtain this information from the
Military authorities. It may be stated, however, that the Principal, Guindy
Engineering College and his predecessor agreed at the last meeting of the Board
of Visitors that the total number is not likely to exceed 200. It is obvious
therefore that the Postwar reconstruction programmes will not function as framed,
if reliance is placed on qualified technical personnel to be released on demobilisat

The Principal, Engineering College, furnished the following total
estimated output of the Guindy Engineering College for the years 1940 to 1948 -
including the results of the accelerated course:

1014 Engineers, 710 Licentiates (and 61 Lower Subordinates passed out
between 1940 to 1942). These figures were on the basis of the following
annual output then expected for 1946 to 1948.

60 Civil Engineers.
36 Mechanical Engineers.
22 Electrical Engineers
after 1948 the output of Engineers is expected to go up as indicated further below)
and 60 Licentiates in 1946.
150 -do- 1947.
100 -do- 1948.

The Principal states that the present accommodation at the College w
not permit an annual outturn of more than 200 Engineers and 100 Licentiates.
The normal demand is, of course, in reverse proportions (vide the figures of
supervisors and Gazetted Officers of P.W.D. as now existing furnished above)
situation is imposed by the output of the existing Junior Educational Insti
and the attitude of those availing the degree colleges. Whilst 1000 applic
admission last year for the B.E. course, only 250 applied for Licentiate cour
and of these 250 difficulty was experienced in getting even 80 licentiate st
Many were not equipped with the Optional Mathematics, without which they w
have difficulty in following the course.

The Board of Visitors agreed to the Principal's proposals,
possibility of getting staff and hostel accommodation. The ultim
of the Guindy Engineering College under present conditions, are
to be developed at once. This is being taken up by the Princi

---

14 25 (14)

Syllabus and Course of Study
for the Road and Minor Irrigation Overseers.

1. Admission: Candidate must be either holders of Secondary School leaving Certificates declared eligible for University cou of Study or have passed the Matriculation Examination of the Madras University or an examination considered to be equivelent thereto.
2. The course of study shall extend over 2 years
3. The subjects of study and examination will be:

Branch I

		Marks
i.	Practical Mathematics	100
ii.	Mensuration & Surveying	100
iii.	Drawing: Geometrical, Freehand, Building, Machine & Estimating	200

Branch II

i.	Road Engineering	200
ii.	Building construction	200
iii.	Hydraulics & Minor irrigation engineering	200
iv.	Elementary Mechanical Enginering	100
v.	Elementary Electrical Engineering	100

4. The examination in the I Branch subjects will be taken at the end of the 1st year, the examination in Branch II subjects at the end of the second year.
5. Practical Work: This will be undertaken during each of the shorter vacations (October and December -January) and in April each year at the works in the District under the jurisdiction of the District Board Engineer, and the Executive Engineer of the P.W.D. division.

Education and ~~P.H.~~ Department.

15

LETTER /Ref. No. 50498C-5 dated 23.2.45.

(15)

24/2

To

The Registrar,
Annamalai University,
ANNAMALAINAGAR.

Dpg
24/2

Sir,

Opening of Road Construction Overseer and Minor Irrigation Overseer courses.

Ref:- Correspondence ending with your letter No.6773, dated 24-1-1945.

p 23 cf

The candidates who successfully complete the proposed courses are ultimately to be absorbed in the public services -(Government, Local bodies, etc.) It is ~~therefore~~ necessary that their attainments should be assessed and adjudged as adequate for the types of work on which they are likely to be employed. Following the recommendation of the Post-War Education Sub-Committee that Diplomas below the Degree standard should

p4 of Report (L)

not be awarded by Universities but by a Technological Diploma Examination Board, it will be appropriate if a Board of Examiners set up under Government's authority examines the students and awards diplomas or certificates to the successful candidates.

2. I am directed to request you to obtain the views of the University on the suggestion and, if the University agrees, to send up details of the courses and the practical training proposed. The Government will then examine the adequacy of the courses, both as regards content and duration, and devise a suitable name for the Diploma or the Certificate.

Y.O.S.,

22.2.45

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar, by designation and not by name.

ANNAMALAI UNIVERSITY

08526
1 MAR 19
EDUCATION AND PUBLIC HEALTH DEPT.

(16)

193 .

o. 7486

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

To

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

Si

Sub: Starting of Engineering and Technological courses. Syllabuses and Regulations for Road and Minor Irrigation Overseers' courses.

pp 31-36 infra

I enclose a copy of the draft Regulations and Syllabuses for th Road Overseer and Minor Irrigation Overseer courses approved by the Syndicate at its meeting on the 17th February, 1945. I have also sent a opy to the Chief Engineer (Communications) for favour of approval wit such changes as he might suggest. These syllabuses will be placed as equired by the laws, before the Academic Council on the 28th March.

At the meeting of the Syndicate on the 17th February, it was fel that the course for Road Overseers and Minor Irrigation Overseers of years may not command general acceptance amongst the parents and stuents of the country unless it has State recognition, guarantee of emp yment, stipends and other facilities to deserving trainees who by the ntensive training they take, show their capacity to do Road and Min Irrigation work in the short space of two years.

I therefore request that the Government will be good enough to giv this scheme their kind support

(i by assuring prospects of employment to those successfully completing this technical training in connection with the Post-war Reconstruction programmes decided upon by Government, and

(ii by granting stipends and other facilities to prospective candidates who, by the intensive training they take, show their capacity to do road and minor irrigation work in the short space of two years.

I shall be thankful if the Government will kindly direct a Pres Communique on the subject assuring their approval and patronage to he scheme so that it may be placed on a very sound and attractive bas s, and be well on its way to function from the next academic year 194-46.

Viswanathan

Registrar.

Annamalai University.

Diploma course for Road and Minor Irrigation Overseers.

Draft Regulations.

1. Candidates for this Diploma shall be required to have successfully completed the Madras Secondary School Leaving Certificate and declared eligible for admission to a University course of study or have passed the Matriculation Examination of a recognised University or any other examination accepted by the Syndicate as equivalent thereto and to have subsequently attended the University courses in Engineering for a period of not less than two academic years. ~~Candidates with Mathematics or Physics as their optional subjects will be preferred in the matter of admission to this course.~~ They shall be further required to pass the following examinations:-

   a) the first examination at the end of the first year course;

   b) the second and final examination at the end of the second year course.

2. No candidate shall be permitted to proceed to the second year course unless he has passed the first examination. A candidate who fails in the First Examination may rejoin the College in the first year class if permitted to do so by the University. A candidate who fails in the second and final examination, may, if permitted, rejoin the second year class.

3. All sessional work is valued and marks awarded. The list of marks shall be sent by the Dean of the Faculty to the Registrar for communication to the Chairman of the Board of Examiners at least a week prior to the commencement of the written examinations.

4. Candidates for the first examination shall be examined in the following subjects in accordance with the following scheme.

First Examination.

Group.	Subjects.	Marks	Sessional Work
A.	1. Computation.	100	
	2. Mensuration.	100	
	3. Plane Trigonometry.	100	
B.	4. Sketching ~~Freehand, Model drawing~~ and Machine drawing.	100	50
	5. Geometrical drawing.	100	50
	6. Building drawing.	100	50
	7. Applied mechanics.	100	
	8. Building materials and construction.	100	50
	9. Estimating.	100	50
	10. Surveying.	100	50
	11. Workshops.	50	
		1050	300

5. Candidates for the Second Examination shall be examined in the following subjects in accordance with the following scheme.

Group.	Subject.	Marks	Sessional Work.
A.	~~1. Mensuration.~~		
	~~2. Plane Trigonometry.~~		
B	1, Machine drawing.	100	50
	2. Building drawing.	100	50
	3. Applied Mechanics.	100	
	4. Roads and Bridges.	100	
	5. Estimating.- Roads and Irrigation	100	50
	6. Hydraulics.and Irrigation	100	
	7. Mechanical Engineering (Elementary); and ~~8.~~ Electrical Engineering (Elementary);	100	
	8. Surveying;	100	50
	9. Workshops.	50	50
		850	250

6. The syllabuses for the course shall be prescribed from time to time by the Academic Council on the recommendations of the Board of Studies. (For syllabuses, vide appendix).

7. Candidates who obtain at each of the above examinations not less than 45 per cent of the total marks allotted for the written papers and sessional work together shall be deemed to have passed in that examination. All other candidates shall be deemed to have failed in the examination. A diploma shall be issued to each candidate successful at the final examination.

8. Successful candidates in the Final Examination shall be arranged in two classes, the First consisting of those who obtain not less than 60 per cent and the second of those obtaining not less than 45 per cent of the aggregate marks.

Annamalai University.

Syllabus for Road and Minor Irrigation Overseer Class.

(Two Years' course).

Syllabus for the First Year.

I. Mathematics.

Computation. Approximation - Limits of error - use of Logarithmic Tables - Evaluation of formulae - 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 of perimeters of similar figures - Area of irregular plane figure by mid-ordinate rule and Simpson's Rule-

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.

II. Freehand, Model Drawing and machine drawing.

i. Free-hand model drawing. Ornamental outlines. 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 skeletons and from measurements.

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

Building Drawing. The work will be based on the syllabuses in construction and hydraulic engineering.

III. 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 applications (graphical) to ordinary frames. Wind pressure on roofs. Centre of gravity.

iii. Elementary study of beams. Bending moment and shearing force. Sections in steel, wood.

IV. Building Materials and Construction.

i. Stone. Varieties - Quarrying -Blasting -Dressing.

ii. Bricks and Tiles. Brick earth - tempering - hand and machine moulding. Drying. pressed bricks tiles. Ordinary, Patent and special. Characteristics of good tiles and bricks.

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

IV. Timber. Seasoning, and preservation of timber varieties - of timber used in Southern India. Strength and weight of timber. Characteristics of good timber.

V. Paints and Varnishes. Ingredients of paint, litharge, turpentine, linseed oil. Mixing paint. Painting old and new work. Wood Oil. Coal-tar. Varnish. Putty. Glazing.

vi. Masonry. Coursed and uncoursed rubble bend in brickwork. Foundations and footings. Wall plates. Wood plates. Wood bricks and plugs. Openings for timber beams for doors and windows. Corbelling.

vii. Carpentry. Mortise and teapon joint. Fishing and scaring iron straps and belts. Simple roof and bridge frames. Details of joints. Frames of timber and iron combined. Doors and windows.

VIII. Roofs and floors. Pitched roofs. Couples. Trusses. Rafters, purlins and reepers. Roof covering. Terrace roofs on joists and beams. R.C.beams and terrace. Floors of stone, brick, tiles, cement concrete, timber and ashpalto. Simple forms of iron roofs. Ventilators.

V. 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 Abney's level. Clinometer and ghaut tracer.

Annamalai University. 13-35

Syllabus for Road and Minor Irrigation Overseer Class.
Two years course.

Syllabus for the Second Year.

Mensuration. Surface and volume of prism, cylinder, pyramid, cone, sphere, ring. Surface and volume of frusta of prisms, pyramids, cones and of sectors and segments of spheres. Volume of prismoids.

Plane Trigonometry. Solution of right-angled triangles by calculation and drawing. Simple applications to heights and distances.

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.

Building Drawing. Advanced exercises based on syllabuses in construction and hydraulic Engineering.

Applied Mechanics.

1. Simple shear. Examples of applications in ordinary structures.
2. Strength of beams of timber, steel and R.C. Application of simple formulae.
3. Design. Easy applications of theory and the use, of empirical formulae in the design of small bridges, arches and retaining walls.
4. Principle of Work. Graphic representation simple applications to machines. Potential and kinetic energy. Power, Horse-power and Friction.
5. Specific Gravity: Weights of materials.

Roads and Bridges.

1. General principles of location, alignment and construction of roads - subsoil and drainage.
2. Road resistance - tractive effort and ruling gradients. Camber on metal roads, survey, construction of metal roads in plain and hilly country.
3. 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 applications used for road making.
4. Wear on roads. Influence of wheels, tyres, speed conditions of road surface.
5. Construction of Culverts, causeways and bridges, Elementary principles relating to their designs.
6. Earthwork and other details of railway permanent way.

Hydraulics and Irrigation.

1. Tanks and 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 escapes and sluices. Discharge channels. Permissible limits of fall and velocity in channels. Laying out and construction of channels. Regulation of supply from head sluices.

2. 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, windmills.

3. Rural Watersupply. Provision of safe water supply in rural area.

Surveying.

Theodolite. Elementary use of and adjustment of theodolites; Simple triangulation and traversing. Gale's system; Setting out straight lines and curves in the field.

Topographical Drawing. Conventional signs, map drawing - Representation of ground by contours. Sections on contoured plans. Location of dams, road and railways on contoured plans, showing cuttings and embankments. Estimation of areas and volumes.

Mechanical Engineering.

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

Transmission of Motion and Power. Shafts, couplings, clutches, pedestals and wall fixings. Belts, ropes and pulleys. Toothed gearing, spur and bevel wheels racks and pinion, worm gearing, Cams. Examples of 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, shaping and milling machines. Arrangement of shafting and beling in a machine shop.

Electrical Engineering.

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

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

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar, by designation and not by name.

WITH COURAGE AND FAITH

ANNAMALAI UNIVERSITY

08527
1 MAR 1945

No. 7487

28th February 1935.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

To

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

Sir,

pp 27-28 ante

With reference to your letter No.50498-C5 dated 23rd February, 1945 I have the honour, by direction, to inform you that the proposal will be placed before the Meeting of the Syndicate to be held, as at present arranged, on the 22nd March 1945.

The Syndicate, at its meeting on the 17th February, accepted the following scheme of courses and practical training for Road and Minor Irrigation Overseer Courses.

The duration of the Course is for two years, as suggested by the Chief Engineer (General, Buildings and Defence). On the basis of the results of two examinations, one at the end of the first year and another at the end of the second year, in Computation, Mensuration, Plane Trigonometry, Free-hand, Model and Machine Drawing, Geometrical Drawing, Building Drawing, Applied Mechanics, Building Materials and Construction, Estimating, Surveying, Hydraulics and Irrigation, Roads and Bridges, Mechanical Engineering (Elementary) and Electrical Engineering (Elementary) a diploma will be awarded to students who complete the course and pass the examination.

A copy of the Rules and Regulations for the purpose is enclosed.

pp 31-36 ante

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

REGISTRAR.

38

Memo No. 50498 C-6
9.3.45

22/12/3

Read — ~~Letter from~~
From the Regr, Annamalai Univy, No. 7486 d 7.2.45 ~~d nil~~
From — Do — No. 7487 d 28.2.45

The detailed ~~reply~~ reply to Secty: letter No. 50498/C-5 Ed, d 23.2.45 will be ~~to~~ awaited, before the matter is further considered.

p. 27 ante.

8.3.45

To the Regr, Annamalai Univ;

12/3

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21 39 (21) C

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar by designation and not by name.

WITH COURAGE AND FAITH

ANNAMALAI UNIVERSITY

No. 7784

10701

13th. March, 1945.

ASST. SECRETARY TO GOVERNMENT
17 MAR 1945
EDUCATION AND PUBLIC HEALTH DEPT.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

To

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

p. 38 ante

Sir,

In reply to your memorandum No- 50498 C 6 dated 9th. March, 1945, I have to intimate that the meeting of the Syndicate has been postponed to the 27th. March. On the 26th. February, on receipt of your letter dated 23rd. Feb, I placed your letter before the Vice-Chancellor. He has ordered its being placed before the Syndicate. He is now in Lahore and may be returning to the University on the 20th. March. I shall place it again before him and communicate his orders thereon pending disposal of the subject by the Syndicate at its meeting on the 27th.

I have the honour to be,
Sir,
Your most obedient servant,
N Wiswanathan
Registrar.

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar, by designation and not by name.

ANNAMALAI UNIVERSITY

No. 61 13245 3rd April, 1945.

ASST. SECRETARY TO GOVERNMENT
4 - APR 1945
EDUCATION AND PUBLIC HEALTH DEPT.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

To

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

Sir,

pp 27-28 ante

Ref: 50498-C.5 d. the 23rd February, 1945.

The Syndicate at its meeting held on the 27th March, 1945, considered the above letter and recorded its opinion that the University may be permitted to hold examinations and award diplomas for such courses of instruction that it conducts as in the case of all its other examinations leading to the award of various degrees, diplomas, Titles and other academic distinctions.

I am enclosing a copy of the Regulations and syllabuses for the diploma course for Road Construction and Minor Irrigation Overseers as adopted by the Academic Council at its meeting held on the 28th March, 1945. In this connection, I am to invite your kind attention to this office letter No. 7486 d. 28-2-45 and your reply thereto, No.50498-C-6 d.9-3-45 and to request that you will be so good as to give the scheme the kind support of Government by providing the facilities requested for and assuring prospects of employment to those successfully completing this intensive and technical training in connection with the Post-War Reconstruction programmes decided upon by Government.

p 29 ante

p 38 ante

The favour of approval and patronage to the scheme is requested, so that it may be well on its way to function from the next academic year 1945-46.

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

R. S. Wandayapal.
Deputy Registrar.

42

9/18/4

Special

(23) 23 43

Edn and P. H. Dept
C

Memo NO: 15728 C - 8 dt 17. 4. 45

Annamalai University - Eng. College. Opening of courses for road construction and minor irrigation overseers.

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pp 43-52 cf

Copies of the correspondence noted in the margin ⓧ on the subject mentioned above together with a copy of the Regulations and Syllabuses adopted by the Academic Council are forwarded to the C.E. (Communications). He is requested to examine the adequacy of the courses ~~in consultation with the~~ and the suggestion that the univ: may conduct exams: & award diplomas in consultation with the D. P. I. & the C. E. (Irrigation). He is also requested to consider whether stipends should be granted to the students under training as requested by the University and if so to furnish an estimate of the addl. cost involved.

ⓧ Letter to the Regr., Annamalai University No: 5049 C-5 dt 23.2.45. pp 27-28 cf
Letter from the Regr., Annamalai University No: 7486 dt 28.2.45. p 37 cf
Letter from the Regr., Annamalai University No: 61 dt 3.4.45. p 47 cf

DS/pd RK 17/4

To The C.E. (Communications)
Copy to the C.E. (I)
" " D. P. I.

V Despd. A.H. 17-4-45

encls DP 17/4

Aby 12/4/45

The case should be treated as specially urgent. 16.4.45

44

3

Letter NO: 15728C-9 d 18.4.45
Ref

To the Registrar, Annamalai Univy,
Annamalainagar.

Despd
18.4.45

Sir,

Annamalai Univy - Eng. College - Courses for Road constrn and Minor Irrig overseers - Your letter No.61 d 3.4.45

p 41 cf

I am to request you to forward to Govt three copies of the Regulations and syllabuses for the courses ~~[illegible]~~ mentioned above, as adopted by the Academic council.

Y.O.S.

18.4.45 18/4/45

18.4.45

(Fair copy placed b

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45 24

(24)

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar by designation and not by name.

ANNAMALAI UNIVERSITY

ASS. SECRETARY ... DEPARTMENT
21 APR 1945
EDUCATION AND PUBLIC HEALTH DEPT.

No. 529

19th April 1945.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

16499

To

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

Sir,

p 44 ante

Ref: No.15728C-9 dated 18-4-1945.

I am sending herewith 3 copies of the Regulations and Syllabuses governing the Diploma Course for Road -- Construction and Minor Irrigation Overseers.

I have the honour to be,
Sir,
Your most obedient servant,
N. Viswanathan
REGISTRAR.

DGS. 19/4.

25 46

(25)

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar by designation and not by name.

ANNAMALAI UNIVERSITY

ASST. SECRETARY TO GOVERNMENT, EDUCATION AND PUBLIC HEALTH DEPT.
8 MAY 1945

C

No. 922

th May, 1945.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

To

21290

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

Sir,

In April last a copy of the Regulations and syllabuses for the Diploma course for Road construction and Minor Irrigation Overseers, was sent to the chief Engineer to Government (communications) for favour of his remarks and suggestions. The chief Engineer, while forwarding his comments on the syllabuses, made a suggestion that the University might consider the desirability of starting additional courses of study for training draughtsmen (2 years course) and L.C.E's (3 years course). I enclose a copy of the chief Engineer's letter and as directed by the Syndicate I am to refer the chief Engineer's suggestion re: starting of additional courses to Government for favour of their advice. On receipt of a reply, I shall place the matter before the Syndicate for further consideration.

pp 48-50 infra

Deputy Registrar.

~~47~~

26 ~~48~~ 26

PUBLIC WORKS DEPARTMENT.

From
H.R. Dogra Esq., B.Sc.,
Chief Engineer (Commns).,
Chepauk, Triplicane P.O.,
MADRAS.

To
The Registrar,
Annamalai University,
ANNAMALAINAGAR.

Letter No.6001/45-1-44., dated 29-2-45.

Sir,

Sub:- Diploma Course for Road and Minor Irrigation Overseers - Syllabus.

Ref:- Your No.7485., dated nil.

I herewith enclose a note prepared on the above subject for favour of necessary action.

Encl:- 1 note.

CHIEF ENGINEER (commns).

Madras. 29.3.45.

/TRUE COPY/

NOTE.

So far as communications Branch is concerned the syllabus should provide for the following additions to make the trained men suitable for employment in the future High-Way Department. Time can be saved for these by eliminating certain items under mechanical and electrical Engineering.

No specific guarantee of such appointment can be given to the trainees but the future High-Way Department will be in need of the services of a no. of them for filling up posts as Draughtsman and overseers.

The University may start a course for training Draughtsman (2 years' course) and L.C.E.s (3 years course). The former may be eligible to appear for the L.C.E. diploma after 2 years service as draughtsman in the department.

ADDITIONS SUGGESTED TO THE SYLLABUS.

p 35 and

Under roads and Bridges:- Road Materials. (Granite, Laterite, Trap, Kankar, Limestone, Quarte site etc) Properties - Testing - Tar - Bitumen and Cement Concrete - Tests.

New

Elementary Geology and Mineralogy:- Rocks and Minerals - Classification Properties.

New

Strength of Materials:- Bricks, stone, Mortars, concretes, cement & Steel.

New

Elements of Hydrostatics:- (necessary for bridge design)

New

Soils:- Classification - Bearing power - Binding qualities etc - boring for soil examination - Use of boring Tools.

Hydraulics:- Flow in pipes.

Building Construction:- C.I., W.I & Cement and Earthware pipes - pipe connections.

Road safety:- Slipperinees - Visibility - Level and Grade crossings Traffic rounds - Prevention of ribbon Development.

Road Avenues:- Planting - rearing - maintenance - Relation to road Surfacing and Traffic.

Road Statistics:- Records of works - Traffic Census - Road costs.

51

27 52 ㉘

E & P. H. Deptt

5
21/5

Memo No. 50498 C-10
19.5.45

Annamalai Univy - Engineering College - Opening of courses for Road Construction and minor irrigation overseers.

The C.E. (Commns) is requested to expedite his reply to Govt memo. No. 15728 C-8 d 17.4.45 on the subject noted above.

Wa
16.5.45

E
17.5.45

17/5/45

despd
K.M
22.5.45

p43 cf

✓ The C.E (Commns)

53

~~or wife~~

perhaps any object of the trust remains

The Govt of India's memo appears to take this view

on this matter ~~as it~~ also

children or any of them according to the interest so expressed and shall not be subject to the control of the husband or of his creditors or form part of his estate. To permit the husband or the father to assign the policy on behalf of ~~the~~ his minor (wife or child) will practically render the policy subject to his control and does not seem to be permissible.// ~~If~~ It may however, be that the assignment ~~will be~~ is for the benefit of the minor, (In such cases) a declaration may be obtained from the Court sanctioning ~~such~~ the assignment on behalf of the minor. ~~Here again,~~ // A reference may be made to the Govt. of India especially as the Govt. Solicitor has (appears to have) expressed a different view.

K. V.R
26/6/45

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28 (29) 54 E&P.H. Depts

29/~~20~~ 5

Letter/Ref No. 50498 C-1
23-5.45

√To The Registrar, Annamalai Univy,
Annamalainagar.

Despd
K.M.
24-5-45

Dp 22/5

p 46 cf

Sir,

Annamalai Univy – Engineering College – Opening of courses for training draftsmen and L.C.E's.

In reply to your letter No. 922 d 7.5.45 I am directed to say that the Govt do not consider it necessary for the Annamalai Univy to open courses for the training of draftsmen

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B

and L.C.S's in its Engineering College.

G.O.S.
W
7/5/45.

16.5.45

16.5.45

16.5.45.

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30 29 56

PUBLIC WORKS DEPARTMENT.

31 MAY 1945

From
H.R.Dogra, Esq., B.Sc.,
Chief Engineer (Commns.),
Chepauk, Madras.

To
The Secretary,
Education and Public Health Dept.
Madras.

Letter No. 9907/45-2-A4 dated 28-5-45.

Sir,

Sub: Annamalai University-Engineering college-Opening of courses for road construction and minor irrigation overseers.

Ref: Govt. (Edn. and Public Health Dept.) Memo. No. 15728-C8 dated 17-4-45.

24474

The adequacy of the courses has already been examined and a note with suggestions has been sent to the register of the University. A copy of the note is herewith enclosed which shows that "Road Overseers" course is defective and incomplete. As observed in paras 1 and 3 of the note the trained men under this overseer course may not be suitable for employment in the future Highway Department except as draftsman. If after 2 years of such service they obtain the L.C.E. diploma or B.E. degree, then they may be considered suitable for employment as overseers in the Highway Department on securing such a deploma or a degree.

2. I agree with the suggestion that the University may conduct the examinations and award diplomas in consultation with the Chief Engineer (Irrigation), Chief Engineer (Communications) and Director of Public Instruction. As the courses contain also training of "Road" overseers suitable for appointment as draughtsman in the Highway department, the Chief Engineer (Commns.) also may be consulted before awarding diplomas.

3. Stipends were suggested for the sandwich course of intensive training intended to be given for a short period to meet the demand for a large number of officers and subordinates for the post-war schemes as these stependiries are to be employed in the Highway Department. The same may not be necessary in the present case as there is no guarantee of appointments. Technical courses normally attract a large number of candidates and there appears to be no need to grant any special concession. This course however will not be akin to that of the L.C.E. diploma. It is undesirable to train people only as minor irrigation overseers. The training must correspond to L.C.E. Otherwise they will have to depend only on the minor irrgiation, or Highway department for jobs, as draftsman only and there may be unemployment. It is presumed the University will look to it.

K. Tirumalaiswami

for Chief Engineer (Commns)

TPR-28-5.

P.T.O.

2/6

57

~~-2-~~

N O T E.

So far as Communications Branch is concerned the syllabus should provide for the following additions to make the trained men suitable for employment in the future Highway Department. Time can be saved for these by eleminiating certain items under mechanical and elecrtical engineering.

No specific garantee of such appointment can be given to the trainees. But the future Highway Department will be in need of the services of a number of them for filling up posts as draftsman and overseers.

The University may start a course for training draftsman (2 years course) and L.C.E's (3 years course) The former may be eligible to appear for the L.C.E. diploma after 2 years service as draughtsman in the Department.

Additions suggested to the syllabus:

Under Roads and Bridges-Road materials (Granite, Laterite, Trap, Kankar, Limestone, quartoyite etc.) Properties-Testing. Tar, Bitumen and cement concrete-Tests.

ELEMENTARY GEOLOGY AND MINERALOGY: Rocks and Minerals-Classification-& Properties.

STRENGTH OF MATERIALS: Bricks, Stone, Mortars, Concretes, cement and steel.

ELEMENTS OF HYDROSTATICS: (Necessary for bridge design)

SOILS; Classification-Bearing Power-Binding qualities etc.-Boring for soil examination-Use of Boring tools.

HYDRAULICS; Flow in pipes

BUILDING CONSTRUCTION: C.1.W1. and Cement and Earthernware pipes-Pile connections

ROAD SAFETY: Slipperness-Vizibility-Level and grade Crossings-Traffic rounds-Prevention of Ribbon development.

ROAD AVENUES: Planting-Rearing-maintenance-Relation to Road surface and Traffic.

ROAD STATISTICS: Record of Works-Traffic census-Road costs.

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TPR-28-5.

3/29/5

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3.7.

30 58

Education and P.H. Department.

LETTER/Ref. No. 50498C-12 dated 2.7.45

(3)

Despd
KM
4-7-45

To

The Registrar,
Annamalai University,
ANNAMALAINAGAR.

Sir,

Annamalai University - Engineering College - Courses for Road Construction and Minor Irrigation Overseers.

The copy of the note of the Chief Engineer (Communications) sent with your letter No.922, dated the 8th May 1945, shows that he has suggested certain modifications in the syllabus for the Road Overseer Course. I am to ask what action the University has taken or is taking in regard to these modifications. I am also to request that, as soon as admissions have been made, a report may be sent to Government showing the number of students admitted to each of the two courses in question.

2. The

-2-

59

2. The points raised in your letter No.61, dated the 3rd April 1945, will be further considered on receipt of a reply to this reference.

p. 41 cf

Y.O.S.

27.6.45

C

31

60

ANNAMALAI UNIVERSITY

No. 2959

(32)

23rd..July,..1945..

From
THE REGISTRAR
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

ASST. SECRETARY TO GOVERNMENT
25 JUL 1945
EDUCATION AND PUBLIC HEALTH DEPT.

33459

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

Sir,

pp 58-59 ante

Ref: Letter No.50498C-12 d. 2nd July,1945.

The Chief Engineer's note referred to re:syllabuses for the Overseers' course has been referred to the Board of Studies in Engineering constituted by the Syndicate at its meeting held on the 21st July, 1945. The Board will meet shortly and its report will be placed before the syndicate and the Academic Council at their meetings to be held in September next. In the meantime may I request you to be so good as to expedite orders on the points raised in this office letter No.61 d. 3rd April,1945. p41 ante

The report re: admissions to Overseer course will be sent shortly along with the report on the admissions made to the Engineering and Technology degree courses.

Registrar.

61

GOVERNMENT OF MADRAS.
Education and Public Health Department.
Memorandum No.5049-8-C-13, dated 12-9-1945.

Courses of road-construction and minor-irrigation overseers.

Ref:- From the Registrar, Annamalai University,
No.2959, dated the 23rd July 1945.

p.60 ante

The Registrar, Annamalai University, is requested to say when the report referred to in the letter cited above may be expected.

(o/c)

12-9-45
for Secretary to Government.

To the Registrar, Annamalai University.

13/9

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32 62

ANNAMALAI UNIVERSITY

WITH COURAGE AND FAITH

No. 4713
17th Septr. 1945.

50488 (33)

From
THE REGISTRAR,
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

C

1945

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

Sir,

Ref: No.5049-8-C-13 d.12-9-45.

p 60 ante

In continuation of this office letter No.2959 d.23-7-45, I am submitting the following report re: admissions to the Overseer Diploma course called for in your letter No.5049 C-12 d.2-7-45.

166 applications for admission were received. Of these 125 were selected and 95 students were admitted to the course after interview. The present number on the rolls is 95.

Govindagopal
Ag.Registrar.

41485

M.Ruthnaswamy Esq., M.A.(Cantab), Bar-at-Law, C.I.E.,
Vice-Chancellor.

33 73

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C

4860

SECRETARY, EDN. AND P.H. DEPT.
22 SEP 1945
GOVERNMENT OF MADRAS

ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

21st Septr., 1945.

Dear Mr. Subrahmanyam,

42207

p 64 ante

I write to invite your kind attention to the Registrar's letter No.4702 d. 17-9-1945 to Government for a grant towards the cost of the scheme of Diploma Courses for Road Construction and Minor Irrigation Overseers which the University has started at the instance of Government. On this matter I would like to say that the estimates submitted have been worked out carefully with the help of experts like Dr. Chakko, to ensure economy consistent with academic efficiency. May I request you to be so good as to give the matter your special consideration so that Government may sanction the grant required and enable the University, with commitments in other directions, to discharge its obligations in respect of a scheme intended to meet the pressing needs of the Post-War reconstruction work contemplated by Government?

Thanking you,

Yours sincerely,

M. Ruthnaswamy
Vice-Chancellor.

2/3/10

36

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Education & P.H.(C) Dept.

Letter/Ref.No.50498C/44-1Edn. dated 2 Oct.1945.

35

Regd X01 3-10-45

p64 CF

To
The Registrar,
Annamalai University.

Sir,

Refce: Correspondence resting with your letter No.4702. dated 17th September 1945.

Sub: Annamalai University - Engineering College - Course for road construction and minor irrigation overseers.

...

I am to request you to say whether the syndicates and the Academic Council have considered the report of the Board of Studies in Engineering on the C.E's note regarding the syllabuses for the overseers course and if so when the final recommendation of the University

C.p 60 CF

p.t.o.

76

in the matter may be expected.

Y.O.S.

OSM
2/10/45

2/10/45

C 35 . (36) 77

ANNAMALAI UNIVERSITY

No. 1383 16th October, 1945.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

ASST. SECRETARY TO GOVERNMENT
17 OCT 1945
EDUCATION & PUBLIC HEALTH DEPT.

46236

To

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

Sir,

R175-76 ante

Ref: No. 50498 C/44-B Edn. dated 2-10-45.

The matter referred to in the reference quoted above is under consideration by the Board of Studies in Engineering. I shall communicate their decision soon after the report of the Board is received.

Gopalagopal
AG. REGISTRAR.

78

36 79

ANNAMALAI UNIVERSITY

No. 5798. 23rd Oct. 1945.

25 NOV 1945

(37)

From

THE REGISTRAR
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

To

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

c8297

Sir,

Ref: Correspondence ending with letter No. 50498C/44-B- Edn. dated 2-10-45 - Diploma course for Road construction & Minor Irrigation Overseers.

6973-76 ante

The Board of Studies in Engineering has agreed to the additions to the syllabus suggested by the Chief Engineer to Government (Communications) and they will be incorporated in the syllabuses to be placed before the Academic Council for adoption at its meeting to be held in March 1946.

Ag. Registrar.

80

E & P. H. Dept.

Memo No. 50498 C/45-16
8.1.46

Annamalai University - Road construction and minor overseers' course - Grant - Application - Letter from the C. E. (Communications) No. 9907/45-2-A4 d. 28.5.45. pp 56 and pp64-71 cf

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The letter from the Registrar, Annamalai University, No. 4702 d. 17-8-45, together with encls, on the subject noted above, is forwarded to the C. E. (Communications) for early remarks. The C. E is also requested to suggest the scale of pay that should be granted to candidates who successfully undergo the course when employed in Govt. service [illegible]

8/11/45

To
The C. E. (Communications)
(with letter & encl. in orgl. to be returned with reply)

pp 64-71 cf

by
8/1/46.

✓ Dr. po. with encls
9-1-46

84-85 2 drafts
8/1

(38) 37 81

Education & P.H. Department
(C)

Letter No. Ref. 50498 C/45-15 ~~C.~~Edn., dated 8.1.46.

8/1
20/pe
9-1-46

p 79 cf

To

The Registrar,
Annamalai University,
Annamalainagar.

Annamalai University - Engineering College - Courses for road construction and minor irrigation overseers - Correspondence ending with your letter No.5798, dated 25-10-45.

------

pp 27-28 cf

Sir,

I am directed to say that, as stated in my letter No.50498-C-5, dated 25-2-45, the Postwar Reconstruction Education Sub-Committee has recommended that ~~the~~ diplomas below the degree standard should not be awarded by Universities but by a Technological Diploma Examination Board. The Postwar plans for the development of technical

-2-

education have been chalked out on the basis of this recommendation and it is desirable to adhere to that policy if Govt., are to ensure a co-ordinated postwar technical policy on a recognised standard. The Govt., therefore, remain of the view that the examinations for the road construction and minor irrigation overseers' courses should be held and diplomas awarded by a Diploma Board and not by the University. The question of grant for the~~se~~ courses can therefore be considered only if the University agrees to the above proposal.

vide letter on pp 11-12 of f(l)

Y.O.S.

24.12.45

27/12/45

4/1/46.

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(39)

All communications should be addressed to the Registrar, Annamalai University, Annamalainagar, by designation and not by name.

WITH COURAGE AND FAITH

ANNAMALAI UNIVERSITY

20th January, 1946.

No. 8100

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY,
ANNAMALAINAGAR.

ASST. SECRETARY TO GOVERNMENT
21 JAN 1946
EDUCATION AND PUBLIC HEALTH DEPT.

To

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

3333

Sir,

pp 19-20 ante

In accordance with the suggestion of Government in their letter No.49267 C-5/44 dated 14-11-1945, this University started a class for Road Construction and Minor Irrigation Overseers though Universities do not ordinarily conduct classes for courses not leading to a degree. The University started the course as a special case as a subsidiary activity to starting Engineering courses so that a higher standard might be achieved with the higher qualified staff for Engineers that the University was recruiting. Having started the course, the University might be permitted to examine its students of course with the assistance of experts in the line both in Government service and outside chosen in fixed proportions by the University for constituting its examination boards. If, however, on the analogy of the S.S.L.C.Board, a Diploma Board is constituted, the claims of the University for a proper representation on the Board may be considered reasonable as the course has been started and run for a year and it might not be proper to drop the course in the middle. I have therefore to request the favour of the opinion of Government on the two alternative proposals now submitted; the University conducting the examinations with a reasonable proportion of outside experts on the University Examination Board and or constitution of a Diploma Board by Government with a reasonable representation for the University on it.

P

K Viswanathan

Registrar.

84

(49) 39 85

From
W.H.Turner, Esq., B.Sc. & A.M.I.Mech.E.,
Chief Engineer (Communications),
Chepauk, Madras.

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

FEB 1946
EDUCATION AND PUBLIC HEALTH

Letter No. 179-E/46-1, dated 30-1-1946.

Sir,

Sub: Annamalai University-Road Construction and minor irrigation overseers course-application for grant.
Ref: Government Memo. No. 50498-G/45-16, dated 8-1-1946. p 80 ante

p 56 ante

I invite reference to this office letter 9907/45-2-A4, dated 26-5-45 wherein it was pointed out that the trained men under the overseers' course will not be suitable for employment in the future High Ways Dept. except as draftsmen. It was also suggested that the syllabus for training and the course should be revised to correspond to the L.C.E. course.

7189

Till this is done, the pay admissible to the successful candidates will be that of a III grade Draughtsman. The Military expect to release a large no. of draughtsman from this service and if so it is doubtful if any trainees from the Annamalai University can be absorbed in the future Highway Department as draughtsman. /K

2/2
For Chief Engineer (Communications).

Encl: Principal's Letter.
PND.1.2.

Jas
2/2

E&P.H. Deptt

Memo No. 50498C/44-17 19.2.46

Annamalai Univy. – Road construction and Minor Irrigation Overseers' Course – Application for grant – Letter ~~from~~ the C.E. (Communs) No. 179A/46-1 d 30.1.46.

p 85 cf

The C.E. (Communns) is requested to offer his remarks on the application (enclosed) of the Annamalai Univy for a grant for conducting the courses mentioned above. He is requested to scrutinise the estimates of expre furnished by the Registrar and ~~say~~ state whether they may be accepted for purposes of grant.

pp 65-71 cf

BM
18/2/46

To
The C.E. (Communs)
with pp 64-71 cf
which might to be retd with reply

Iva 17.2.46

[illegible] 20/2/46

Education & Public Health (B1) Deptt.

13/11/3

UNIVERSITY - Annamalai - Road construction and minor irrigation overseers' courses - Conduct of final examinations and award of Diplomas by the Govt. Technological Examinations Board.

***

From the Registrar, Annamalai University,
No.8100 dated 20th Jany. 1946.

***

p83cf

MEMORANDUM No. 50498 B1/45-19 Edn. d/ 9-3- --1946.

D/9/3/46

The Annamalai University has opened Diploma courses for training road construction and minor irrigation overseers at the University College of Engineering. The courses extend to two years and the candidates for the diploma are required to pass the first examination at the end of the 1st year course and the second and final examination at the end of the second year course. The University has proposed that it may be permitted to conduct the examinations with a reasonable proportion of outside experts on the University Examination Board or that a Diploma Board may be constituted by Government with a reasonable representation for the University on it. As the Post-War Reconstruction Education Sub-Committee has recommended that diplomas below the degree standard should not be awarded by Universities but by a Technological Diploma Examination Board and as Post-War plans for development of technical education have been chalked out on the basis of this recommendation, it is considered that the examinations for the road construction and minor irrigation overseers' courses should be held and diplomas awarded by a Diploma Board only and not by the University. The Director of Industries is requested to report urgently whether the Government Technological Diploma Examination Board constituted under G.O.No.1274, Development dated the 15th May 1938, may be entrusted with the conduct

p83cf

p81cf

(G)

~~--2--~~ 89

conduct of Examinations and award of diplomas for the courses referred to above and if so, whether it will e possible to give representation to the Annamalai niversity on the Board. A copy of the Regulations and Syllabuses governing the Diploma Course is enclosed for reference. ~~[illegible]~~ It may be returned with the reply

attached

K.S.R.
.3.46

7/3/46

8/3/46

To the Director of
Industries through the
Development Deptt.
(with copy of Regns. & Syllabus)

Despd and [illegible]
12-3-46

R. Two weeks
after issue.

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42 90/ ㊸ B1

* C.F. 32 (a).

INDUSTRIES & COMMERCE Department

From (Name) Rao Bahadur Sri N.M. Advanthaya B.Sc., (Edin)
Designation Director of Industries & Commerce,
Station Chepauk, Madras.

Received Registered

To

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

ASST. SECRETARY TO GOVERNMENT
8 APR 1946
EDUCATION AND PUBLIC HEALTH DEPT.

19031

Enclosures:

No. 1091-C3/46 dated 31st March, 1946.

Sir,

Sub: Education - Technological Diploma Examination - Annamalai University - Road Construction and minor irrigation overseas courses-conducts of final examinations and award of diplomas by Technological Diploma Examination Board -

Ref: Government Memo No.50403-B1/45-19 Education dated 9th March, 1946.

pp 88-89 ante

Ⓖ

The Technological Diploma Examination Board constituted under G.O.No.1274, Development Department dated 17-5-1938, may be entrusted with the conduct of examinations and award of diplomas for the courses referred to above. viz., road construction and minor irrigation overseers. According to G.O. No.1274, Development dated 17--5--1938 the Board has power to co-opt ~~[illegible]~~ additional members and it will therefore be

..

para 2 on p 89. Ⓖ

P.t.o.

~~-2-~~ 91

possible to give representation to the Annamalai University on the Board to deal with the examinations for the courses in Road construction and minor irrigation overseers.

The copy of the regulations and syllabuses sent along with the Memo cited is returned herewith.

(b)

NSO[illegible]
4.4.46
for Director of Industries & Commerce.

~~SAH~~ 4.4.
VSN.2.4/-

D/o 4.4.

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92 B, 43

(44)

ANNAMALAI UNIVERSITY

No. 338 12th. April, 1946.

Form
THE REGISTRAR
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

ASST. SECRETARY TO GOVERNMENT
18 APR 1946
EDUCATION AND PUBLIC HEALTH DEPT.

20525

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

Sir,

p 83 ante

I have the honour to inviteyour kind attention to this office letter No.8100 d.20-1-46 on the subject of ~~the Corresponding~~ Overseer course ending with Government letter No.50498-C/45-15 Edn. d.8-1-1946 re: grant towards courses for Road Construction and Minor Irrigation Overseers and to request you to let me know your decision at an early date.

pp 81-82 ante

The first year students have completed their examination as per syllabus approved by the authorities. The Board of Studies in Engineering will meet early and the question of the 2nd year examination, the syllabus therefor etc. are being placed before the Board. I may here point out that the suggestion made by the Chief Engineers to Government and others have been embodied in the proposals now before the Board.

M Viswanathan
Registrar.

The main file on the subject has been ~~sent to~~ E&PH (Pos) Dept. u.o. with ~~this~~ depts u.o. no 50498 [illegible] d. 12.4.46. Its return may be awaited
[illegible] 17/4/46

[illegible] 18/4/46

93/ 44 (45)

ErAH(57)

Letter Ref. 50498 B1/45-22 Edn. D/ 22/4/46.

72/ 22/4

Desptd 23-4-46

To

The Registrar

Annamalai University

Annamalainagar

Sir,

Annamalai University - Engineering College Courses - Road Construction & minor irrigation overseers courses - Conduct of final examinations and award of Diplomas by the Govt Technological Examination Board.

A 22/4/46

1830

Ref. your letter no 8100 d 20.1.46

I am directed to say that the Govt are of opinion that the examinations for the road construction & minor irrigation overseers courses should be conducted only by the Technological Examinations Board constituted under G.O. no 1274 Development d 17.5.38 and

(G)

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94

that diplomas should be awarded by it. As the Board has power to co-opt additional members, it will be possible to give representation to the University on the Board to deal with the examinations in respect of the courses in question. I am to enquire whether the University is agreeable to the proposal.

2. I am also to enquire ~~Y.o.S.~~ whether the revised syllabus for the courses ~~have~~ has been adopted by the Academic Council - vide your letter No. 5798 dated 23-10-45

p 79 CF
& also para 2
p 21 B1 F

Y. o. S.

11/4/46

B1 45

95

ANNAMALAI UNIVERSITY

No...772...

Form

2nd May......194 6.

(46)

THE REGISTRAR
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

ASST. SECRETARY TO GOVERNMENT
6 - MAY 1946
EDUCATION, AND PUBLIC HEALTH DEPT.

24048

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

Sir,

Sub:- Overseer Course - Conduct of final examinations by the Technological Examinations Board.

Ref:- Your letter No.50498.B1/4521 Edn. dated 22-4-46.

14-93-94

I am directed to state that, in view of the opinion of Government expressed in the above letter that the examinations for the Road Construction and Minor Irrigation Overseers should be conducted by the Technological Examinations Board, the University will have no objection to the proposal. It is hoped that due representation to the University on the Board will be given to deal with these examinations.

I am to add that the Academic Council at its meeting held on the 22nd March 46 adopted the revised Regulations and Syllabuses governing the Overseers Diploma Course a copy of which is enclosed for information.

8-11

Registrar.

P.T.O

65-66
12/6

Two drafts

46 96 (47)

Edn. & P.H. Dept.

University - Annamalai - Road construction and minor irrigation Overseers' course - Conduct of examinations by the Technological Examinations Board - Grant of stipends to students - Orders - Passed.

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pp 21, 29, 41 + 83 cf

From the Registrar, Annamalai University, No.5588, dated 21-11-44.
No.7486, dated 1-3-45, No.61, dated 3-4-45,
No.8100, dated 20-1-46.

pp 90-91 cf - From the Director of Industries and Commerce, No.1091-C3/46, dated 31-3-46.

p 95 cf From the Registrar, Annamalai University, No.772, dated 2-5-46.

Order/Ms. 1191 Dated. 15-6-46

A 13/6

The Government direct that the examinations for the Road construction and minor irrigation overseers' course opened by the Annamalai University at the University College of Engineering should be held by the Technological Diploma Examinations Board constituted under G.O.No.1274, Development, dated 17-5-38 and that the diplomas should be awarded by the Board, representation being given to the Annamalai University on the Board for the purpose.

(G) 8-9 cf

p 56 cf + pp 18 + 20 nf

2. The Government consider that no stipends need be given to candidates undergoing the ~~abovementioned~~ course.

vide p 24 nf

3. Orders will be issued separately on the application of the University for recurring and non-recurring grants towards the cost of conducting the course and ~~in regard to~~ about the scales of pay admissible to the diploma holders on employment in public service.

21.5.46

To the Registrar, Annamalai University.
the C.E. (Communications) through P.W.D.
the Director of Industries & Commerce, through Development Dept.
the P.W.Dept.
the Rev.Dept.
the A.G. thro' Fin.Dept.
CE (Gl)

21/5/46

TSA 15/6/46

18-6-46

GOVERNMENT OF MADRAS.

Training of Students - Annamalai University - Final year Overseer Diploma Students - 2 months practical training in works connected with Tungabhadra & Ramapadasagar projects - Permission -Granted.

Public Works Department.

ASST. SECRETARY TO GOVERNMENT
41555
16 MAY
EDUCATION AND PUBLIC HEALTH DEPT.

G.O. No. Ms. 1401

Dated 15th May 1947.

Read also:-From the Special Chief Engineer 1831/47-S-4 dated 20-4-47.
From the Special Chief Engineer 1831/47-S-6 dated 26-4-47.

Order:-The proposal of the Special Chief Engineer to permit 12 Final Year Overseer Diploma Students of the Annamalai University to get two months practical training in the works connected with the Tungabhadra and Ramapadasagar projects is approved subject to the condition that they should arrange for their own accommodation and food.

2. The Special Chief Engineer is requested to see that the work on the projects is not allowed to suffer due to the training given to the students and no expenditure is incurred on this account.

(By Order of His Excellency the Governor)

O. Pulla Reddi.
Secretary to Government.

To the Special Chief Engineer, Madras.
Copy to Education & Public Health Department(with copy of current file).

Forwarded/By Order/

M. Ahamed
Superintendent.

G.J. 15-5.

BR
17/5/47

Copy of letter No.1831/47-S-4 dated 20th April 1947 from the Special Chief Engineer, Madras to the Addl. Chief Secretary to Government, Public (Special Irrigation) Department:-

--

Sub:- Students from Annamalai University Training in projects.

--

I enclose a copy of letter No.10850, dated 4-3-47 from the Vice-Chancellor Annamalai University and of my reply thereto dated 29-3-47.

The University authorities request that at least 12 of the Overseer students be given training for 2 to 3 months on our projects. I have no objection provided the students do not add to our problems to find accommodation and food. If they agree the trainees may have a 2 months training in our projects. In anticipation of the sanction of Government I am informing the Annamalai University authorities accordingly.

I request the Government to approve the proposal.

--

Copy of letter No.1831/47-S-6 dated 26th April 1947 from the Special Chief Engineer, Madras to the Public (Special Irrigation) Department:-

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Sub:-Projects - training for students.

Ref:-My No.1831/47-S-4 dated 20-4-47.

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In continuation of my No. read above, I am forwarding herewith a copy of letter No.ET.538 dated 24-4-47 from the Head of the Department of Engineering Annamalai University.

I request early orders so that I can ask the Superintending Engineer's to take in the students.

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Copy of letter No.E.T.538 dated 24-4-47 from Department of Engineerin Annamalai University to the Special Chief Engineer, Madras:-

--

I am greatly obliged to you for your letter No.1831/47-S-4 dated 20-4-47 offering to take 12 final year overseer Diploma students for two

p. t. o.

68

months practical training in various works connected with the Tungabhadra project in anticipation of Government's sanction. I am accordingly posting the following students to the places offered and am instructing them to arrange for their own accommodation and food and to report to the officers at the respective work spots on or about 1st May 1947.

Sd. X X
Head of the Department.

		Name of students with class & roll No.		
Tungabhadra project Headworks, Hospet	(4)	Srinivasamurthi C.	(1836)	S 2 Cl.
		Parthasarathy N.	(1818)	-do-
		Kalyanam L.	(1800)	-do-
		Kannayan S	(1801)	-do-
Tungabhadra project, Canals, Bellry	(4)	Krishnan M	(1803)	-do-
		Padmanabhan	(1915)	-do-
		Govindarajulu R.	(1799)	-do-
		Shanmughasundaram M.	(1834)	-do-
Ramapadasagar, Polavaram	(4)	Ponniah V.	(1820)	-do-
		Raghavendran S.	(1823)	-do-
		Sriramasastri Y.	(1839)	-do-
		Umamaheswara Rao C.	(1844)	-do-

--

(True Copy)

E&PH (G3)

M. Alameluthathy
Superintendent.

May be lodged.
File with the original G.O. sanctioning the course
12.5

17/5/47.

17/5/47

15/5/47

G.J. 15-5.

Education and Public Health Department (G)

49

(50)

C.No. 50498. From the Vice-Chancellor, Annamalai University, dated the 20th Octr. 1944.

Annamalai University - Proposed Technological courses.

The letter at pages 7-9 C.F. is in the nature of a supplement to the Vice-Chancellor's official letter regarding the technological scheme. Its main purpose is to reenforce the reasonableness of the estimate of Rs.17 lakhs under non-recurring expenditure by reference to certain needs incidental to the implementing of the technological scheme. Chief among them are:-

(1) increased hostel accommodation;

(2) staff quarters; and

(3) the situation in which the Annamalai University has to start almost on a clean slate, so far as this scheme is concerned, while the Madras University has had the advantage of the resources of both the Engineering College and of its own well-established and equipped laboratories for its technological courses.

34244

There are certain previous discussions on (1) and (2) above, but it is not necessary to refer to them as this scheme is to go forward on its own merits.

2. The Vice-Chancellor has further emphasized the extreme urgency of the matter as, if the technological department is to function from next June, arrangements for finding the buildings and equipment have to be made well in advance. The main file was sent to the Finance Department on the 18th October. This may perhaps be put in a blue pad and sent to them with the request that the return of the file may be expedited.

21 OCT 1944

55313 A

21.10.44

21 OCT 1944

Fin. (Exp. B.)

Sealed
The ~~main~~ file was sealed. last evening
21.10.44. Herewith the main file.

21.10.44
E.P.H.

E & P. H.

Both E & P. H & Finance have noted on the scheme, in the linked file with which this may also be circulated. The C.E.'s reply to C.F.5 is awaited.

I
2-1-44

A2 A1 A4 A3 H.E.

W
27/10/44

. A2. A1. A4. A3. HE

27/10/44

C.No50849. From the C.E. (Genl., Bldgs. & Defence), No.6673-E/44-3, dated 23-10-44.

----

p 11 et. seq. c 7

Please see the Chief Engineer's letters at C.F.11-18. The C.E. starts off by saying that there is at present no reliable data on which to make an estimate of the demand for Engineers of the various types that will be required in the future. He next refers to the much heavier demand for Licentiates rather than for Graduates which now exists in the Government P.W.D. and to the conditions which produce at the last college admissions far fewer applicants for the Licentiate course than for the Degree Course. The other dominant note in his letter is the extreme improbability of getting suitable teaching staff, building materials and equipment for the organization of another Engineering college by a University. His conclusion is that if the Annamalai University could undertake as a subsidiary function the training of a class of road construction overseers and minor irrigation overseers, it would be making some contribution towards meeting immediate needs and laying the foundation for an engineering faculty when conditions permit. This suggestion ignores two considerations:-

p 12 c 7

ibid

p 13 c 7

p 14 c 7

(1) The suggested training will presumably approximate to that of Licentiates in the Guindy college. If the last year phenomenon which [illegible] produced much fewer applicants for this course than for the degree course will persist, the chances of the Annamalai University attracting an adequate number of students for these cheaper courses are not very bright.

(2) A University may feel some reluctance in organizing these subordinate courses and it is also a question whether it

---

should be encouraged to do so since the division of work in the matter of technical education proposed in Mr. Sargent's report is something different.

I agree that the suggestion of the C.E. is not feasible.
W

2. The orders in circulation are that the Annamalai University scheme should go forward. In that view, the issues arising from the C.E.'s letter should stand over to be considered along with the post-war development proposals.

p. 17 c 7

In his letter at pp. 15-18 of the C.E. has conceded that the Guindy Engineering College will not by itself be able to meet the demands. In his letter at pp. 11-14 of he has emphasised the absence of reliable data on which estimates can be made. These will be worked out after details of Post-war development schemes are worked out; but I do not see anything in his report which would counter the general assumption that has been made, that in view of Post-war development schemes there would certainly be room for at least one more Engineering College. The C.E.'s report need not, I think, stop the Annamalai University scheme going forward.

A

W
25/10/44

Pwd. Fin.

E. & P. H.
U.O. No. 49267-C-5
25-10-44.

P.W.D.

A.S.
to U.S.

Please see the notes from p 2 ante. ~~this deptt may~~ In view of the great demand for engineers, this deptt may agree with the views of the Secy, E & P.H above. With these remarks, the file may be passed on to Finance Deptt.

ASST. SECRETARY TO GOVT. PUBLIC WORKS DEPT.
5215
25 OCT 1944

26.10.44

26.10.44

26.10

26/10/44 Fin

P.W.D. U.O. No.
5215-B/44-1
26-10-44

Fin (Exp B)

Finance may agree with the view of Edn & P.H. Secy at A on p 3 above.

26.10.44 · 27.10.44

26/X/44

The C.E.'s suggestion at X on p. 14 C.F. seems to be a very valuable one. Even if the Annamalai Univty. can start the Engineering College in June 1945, its graduates will not be available till 1949 at the earliest. If it could start shorter courses at the same time (June 1945) suitable for producing road construction & minor irrigation overseers in 1 or 2 years, that would be most valuable for the post-war development programme. A1 may see.

E.P.H. 27-X-44

51452

Ed (P.H.)

C.E.'s suggestion may be put to the University - in the meantime the scheme (as in file above) may go forward.

28/10/44

A2. A1. A4. A3. H.E.

x. 44

29.10.44

Draft letter to the V.C. Annamalai Univy. is subd for approval.

6.XI.44

6/11/44

8/11/44 A2

Approved
11/11/44

SECRETARY, EDN. AND P. H. DEPT. GOVT

[Issued as Letter No. 49267 C-5 d 13.11.44] pp 19-20 cf

C 55778 from the Regr, Annamalai Univy No. 5588 d 24.XI.44 p 21 cf

The Syndicate of the Annamalai

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p 21 cf

B p 21 cf

Univy has agreed to start a class for training road construction overseers and minor irrigation overseers along with the degree courses. Apparently the Univy ~~will~~ intends to apply for a Govt grant towards the opening of this class also. The further communication promised by the Regr regarding the details of the course, the staff, accommodation etc required may be awaited. In the meantime P.W.D. (Rev) and Finance may perhaps see.

30.XI.44

1/12/44.

4/12/44. Rev. PWD. Fin.

No. 50498 C-2
4.12.44

To N.S. Rev Depr

May be perused and passed on to P.W.D. E. & P.H. are presumably satisfied that the ~~[illegible]~~ reasons which led to the abandonment of the classes for lower subordinates (who are accepted as M.O.'s) at Guindy Engineering College, do not hold good for Annamalai Univty.

7.12.44 · 8.12.44

9.12.44 P.W.D. 9/12/44

ASST. SECRETARY TO GOVERNMENT
4138 F
8 - DEC 1944
72
REVENUE DEPARTMENT

X on p 11 CF

11 DEC 1944
6013

Rev ufo 4138 F -1
11-12-44
(with two books)

p.22 D

To A.S.2 (Previous notes in p 3 ante) Notes from p 4 ante & the letter from the Registrar, Annamalai University at p 21 cf may be perused & the

6

file passed on to Finance Dept.

12-12-44 12.12.44.

File 12.12.44

12.12.44

P.W.D. L.O.
6013 B/44-1
12.12.44.

Asst. Secretary to Government, Finance Department 13 DEC

65500 Exp B.

Fin (Expr. B)

Pol. Fin. notes and orders in circulation on p 4 above, the notes following and the letter from the Regr. Annamalai University on p 21 cf may be perused. Pending receipt of the details of the courses for starting a class for road construction overseers and minor irrigation overseers in the ~~university from the Regr.~~ no remarks are called for now at ~~this stage~~ in this dept. E&P.H will no doubt consider the remarks of U.S. Rev on p 5 above.

2 The case may be returned to E & P.H.

14.12.44.

14.12.44

Cf CE's remarks at X on p 11 cf

Please see E & P.H. note on pp. 24-25 N.F. of in the top case relating to the main scheme for the opening of Engineering Courses.

? Since returned & passed on to P.W.D.

15.12.44.

15.12.44

D.W.D. 15.12.44

E.P.H.

Fin W.

E & P.H. Dept

65500 Exp B/44-1
15.12.44

Asst. Secretary to Government, Education and Public Health Dept. 14 DEC 1944

Asst. Secretary to Government, Education and Public Health Dept. 14 DEC 1944

With refce to the remarks of U.S. Rev on p 5 ante it is submitted that the Overseers proposed to be trained at the Annamalai

58969

Engineering College are required for carrying out the Post-war development programme. The file may l.o. till 15.1.45 pending receipt of the Regr's further communication.

26.12.44

27.12.44

The Registrar's further communication has not been received. He may be reminded. Draft subd on pp 22 cf.

16.1.45

9.1.45

18/1/45 [Issued as letter No. 50498 C-3 d 19.1.45]

3-25 cf C 3610 from the Regr, Annamalai Univy. No. 6773 d 24.1.45

Submitted for perusal. The Registrar will no doubt send up detailed proposals

after the Syndicate has considered the scheme on 3.2.45. His further communication may be awaited. This may be [illegible] L.A.
15.2.45.

[illegible]
26.1.45

The proposal to institute these short courses came from the Chief Engineer (General, Bldgs. and Defence) and it has so far been handled in a rather routine manner. Supposing the University actually institutes these courses, a few points of importance require discussion and decision. The course is to be one of two years, as compared to the ~~four~~ three years' Licentiate course in the Govt. College of Engineering, Guindy. The products will certainly not be ~~so~~ as good as the Licentiates.

26/1/45

p14 cf

p25 cf
G.O. No. 1003 Edn.
2.7.44.
Ⓡ

~~(1) Is a two years' course sufficient?~~

(1) Is a two years' course with the rough syllabuses proposed sufficient?

(2) Should the University's view on (1) above be accepted by Government without getting it confirmed by reference to Govt.'s expert advisers, viz., the P.W.D. and the D.P.I. (or ~~rather~~ the Principal, Engg. College)?

(3)

---

(3) Who should award the certificate or diploma?

(4) Whether the diploma or certificate should be recognized by Government as a qualification for Government, board and municipal employment and, if so, for what categories of posts?

(5) What should be the general scale of pay to be granted to the candidates when employed?

With reference to point (3) above, it is relevant to invite attention to the resolution since passed by the Post-War Education Sub-Committee, whereunder diplomas below the degree standard should not be awarded by Universities but by the Technological Diploma Examination Board. Although this ~~dictum~~ recommendation is with reference to post-war plans and Government's decision is yet to be taken, ~~it~~ it will be appropriate not to take a course of action now, which will come into conflict with future plans, should the ultimate decision and arrangement follow the Sub-Committee's recommendation mentioned above. It is (perhaps) proper to apprise the University now of the Sub-Committee's recommendation and ask it whether, in the circum- ~~[illegible]~~ stances, it has any objection to presenting the candidates trained by it for an examination conducted by a Board of Examiners set up under Government's authority. It may be indicated, too, that if the University has no objection, then the Government will proceed to examine the adequacy of the courses proposed by it both as regards ~~its~~ content and duration, particularly as the candidates trained are to be absorbed in the public services.

Para 4 on page 4 of the Report at (L)
renewed

P.W.D. and Finance may see before circulation.

[illegible]
30/1/45

P.W.D. Fin:

W.O. 50498 C-4
30.1.45

B
31 JAN 1945
588

The file may be perused and passed on to the ~~Finance~~ Pub. Works Dept. Dept.

~~It may be suggested to the [illegible] Dept. that the~~ case may also be sent to the L.A. Dept. for perusal, as that Dept. is concerned with the employment of trained men as road construction Overseers under local boards and municipalities.
[illegible]
2/2/45

3119

B.R.
5/2

P.W.D. No. 588 B/45-1
2.2.45.

L.A.
[illegible]
[illegible]/2/45 Fin

L.A.Department.

The file relates to the proposal of the Annamalai University to open Engineering and Technological courses. As a subsidiary to the operation of ~~of~~ the above courses, the University proposes to train men ~~for~~ as road construction overseers and minor irrigation overseers. ~~If this proposal is accepted, necessary amendments to the rule prescribing qualifications for appointment as overseers under Municipal Councils and Local Boards have to be issued.~~ The file may be perused and passed on to the Finance Dept.,

9/2/45 10.2.45 10/2/45 S/ Fin 12.2.45

Fin

Finance (Exp.B.)

(Previous Finance note on p.6 above.)

w 3119-2 9
12/2/45

The note of E. & P.H. Department on pp. 8-9 above may be perused and the case returned to E & P.H.

(The receipt of detailed proposals promised by the Annamalai University on p.21 C.F. are awaited).

ASSISTANT SECRETARY
13 FEB 1945
FINANCE DEPARTMENT

15/2/45. 15.2.45. 16.2.45 Dud 17.2.45 E.P.H.

Fin. 7680-Exp.B.
07137 17/2/45

E & P. H.

Page 8 onwards of N.F.:- For orders as to whether a reference may be sent to the Annamalai Univ: as proposed there.

19.2.45 19/2/45 A2

Yes - put all the points to them. 19/2/45

SECRETARY TO GOVERNMENT
EDUCATION AND PUBLIC HEALTH DEPT.
FEB 1945

SECRETARY, EDN. AND P.H. DEPT.
GOVERNMENT OF MADRAS

20/2/45

Draft letter for appl.

22.2.45 S 22/2/45

[Issued as Letter No. 50498 C-5 d 23.2.45] pp 27, 28 cf

C 8526 from the Regr, Annamalai Univy, No. 7486 d nil p 29 cf

C 8527 from — do — No. 7487 d 28.2.45. p 37 cf

Please ~~see~~ ~~The first of~~ the Registrar's letters read above (~~viz. No. 7486 and no date~~) the first letter seems to have been written before pp 29 + 37 cf

---

the receipt of Govt.' letter at pp 27-28 c.f. The Registrar says that the draft Regulations and syllabuses for the Road Overseer and M.I.O. courses have been approved by the Syndicate and that the Syllabuses will be placed before the Academic Council on 28.3.45. He desires that the Govt should give their support to the scheme and has made certain requests in this regard — please see portion marked X on p 29 c.f.

p 29 cf

There are only two suggestions here: of these, the one re: Govt. recognition has already been taken into account — p. 9 ante. The other question re: stipends can properly be considered only after the final scheme is received.

8.3.45

In his second letter the Registrar reports that the ~~proposals~~ suggestions made in Govt.' letter at pp 27-28 c.f. will be placed before the Syndicate at its meeting to be held on 22.3.45. After the final proposals of the Syndicate are received the matter may be considered further in consultation with the C.E (G, B & D) and the C.E (I). The file may lo. till 1.6.45. for orders.

Meantime, Memo at p. 38 c.f. is all that is reqd:. That is for appl.

6.3.45 7/3/45 8.3.45 S 9/3/45

[Issued as Memo No. 50498 C-6 d 9.3.45]

p 38 cf
p 39 cf

C 10701 from the Regr, Annamalai Univy, No. 7784 d 13.3.45

Submitted for perusal. May lo. till 5.4.45.

24.3.45 24/3/45 28.3.45

p 41 cf

C 13245 From the Registrar, Annamalai Univy, No. 61 d 3.4.45

The letter to the Registrar, Annamalai Univy at pp 27-28 c.f. and the Registrar's p41 cf

reply at p 41 c.f. may be perused. The Syndicate of the Univy requests that it may be permitted to hold examinations and award diplomas for the proposed courses ~~for~~ Road Construction and Minor Irrigation Overseers as in the case of all its other examinations: The ~~a~~ note at p 9 ante explains the circumstances under which the suggestion was made to the Univy, viz that a Board of Examrs set up under Govt's authority should examine the students and award diplomas or certificates. ~~The~~ The Univy's proposal at A above may perhaps be agreed to. For orders.

A

That also to be put to C.E.

E
16.4.45

2 The Syllabus drawn up by the Univy for the Road and Minor Irrigation Overseer courses is at pp 48-51 c.f. The C.E. (Communications) ~~[illegible]~~ may be asked to examine the adequacy of the course in consultation with the C.E. (I.). He may also be asked to consider whether stipends should be given to the students under training as requested ~~proposed~~ by the Univy. Draft memo subd for appl. P.W.D. ~~& Finance may see for remarks before circulation.~~ may see before issue.

Vide p 9 ante

ASST. SECRETARY TO GOVERNMENT
17 APR 1945
EDUCATION AND PUBLIC HEALTH DEPT.

15728

11.4.45 12/4/45

E
16.4.45

P.W.D. U/O Put in spl pad

P.W.D. U.O. 50498 C-7
17.4.45

US Please see the further notes from p 10 ante re: the opening of courses for road constn. & minor irrign. overseers in the Annamalai University. The draft ors may be perused & the file returned to E&PH.

UNDER SECRETARY TO GOVERNMENT
17 APR
1867
PUBLIC WORKS DEPARTMENT

B.

17/4/45 E&P.H

E& P.H. Procs 1867 B/[illegible]
17.4.45

Issue today

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p43 cf
p46 cf

[Issued as Memo. No. 50498 C-8 d 17.4.45]

C 21290 From the Registrar, Annamalai Univy, No. 922 d 7.5.45

At the instance of the C.E (Genl) and the Govt the Annamalai Univy is arranging to open (as a subsidiary activity) courses for training Road construction and M.I. overseers in its Engineering College. In the memo at p43 c.f. the C.E (Commns) has been asked to examine the adequacy of the courses, the question of stipends etc in consultation with the D.P.I and the C.E. (Design) and his reply is awaited.

2 The Registrar, Annamalai Univy, now seeks the advice of Govt on a suggestion made by the C.E. (Commns) that the Univy might ~~al~~ start also courses for training draftsmen and L.C.E's. With refce to this it is submitted that there is a proposal to increase the number of admissions to the L.C.E. class in the Engineering College, Guindy. ~~E~~ The C.N.T. Institute, Vepery, ~~has~~ has also proposed to open L.C.E. classes ~~for~~ and has applied for a Govt grant for the purpose. There seems, therefore, no necessity for the Annamalai Univy to open L.C.E and draftsmen classes. The Univy may be informed accordingly. P.W.D. may see for remarks before circulation.

p46 cf

orders issued (Go not taken) separate file

Sep file

ASST. SECRETARY TO GOVERNMENT
14 MAY 1945
EDUCATION AND PUBLIC HEALTH DEPT.

E
12.5.45

23128/45

12.5.45 12.5.45

E
12.5.45

H
13/5/45 PWD

E&P/H U.O. No. 50498-C-9 (C)
13.5.45

We may agree with E&P.H.

14/5/45

14/5/45 E&PH

P.W.D.
23128/45-1
14.5.45

Ed. H. Dept.

A draft letter is submitted. ~~For~~ orders as to circulation. Draft reminder to C.E. (Communs) is also subd. ⊗ Taken out for issue

Wa
16.5.45
S.O.
16.5.45

The Registrar's letter asks for Govt's advice in the matter: the Draft appears suitable

p. 46 c.f.

16.5.45 (Note from p. 13 ante)

S/A.
H.E.

O.S.
17/5

May issue.
17/5/45. A1. H.E.

The new College need not be overburdened with more courses ~~[illegible]~~ at starting.

18/5/45

MADRAS GOVERNOR'S SECRETARIAT
19 MAY 1945
1521

Japee.
A.H.
22/5/45

SECRETARY, EDN. AND P. H. DEPT.
GOVERNMENT OF MADRAS

[Issued as Lr. No. 50498 C-11 d 23.5.45] pp 54-55 cf

C 24474 From the C.E. (Communs), No. 9907/45.2-A4 d 26.5.45 pp 56-57 cf

A copy of the C.E.'s note (CF 57) has already been sent to Govt. with the University Regr's letter of the 6th May (CF 46-50). That note had raised two issues – ~~one~~ (1) the desirability of the Annamalai University starting Draftsman and L.C.E. Courses and (2) amplification of the draft syllabus for Road Construction course. p 50 cf

Govt. have already negatived (1): ~~and~~ the University Regr. has not yet told Govt. what has been done in regard to (2) and until the University again moves in the matter, there seems to be no purpose in carrying on further discussions. [The C.E.'s letter (CF 56) throws in a third suggestion, that it is not desirable pp 54-55 cf

(ED) 56

p 56 cf

to train people only as Minor Irrigation Overseers; the chief reason assigned by him is that these people will have to be content with employment as Draftsmen in the Highway Department and as Minor Irrigation Overseers and that in course of time there might be unemployment in the ranks of these trained people. When that stage is about to be reached, the course can doubtless be discontinued.]

For the present, it is sufficient to obtain a report from the Registrar as proposed in the draft below.

S.
27.6.45

[Issued as letter No: 50498 C.12 d 2.7.45] p. 58 cf

Cor 33459C/45 - From the Registrar, Annamalai University, No. 2959, d 24.7.45 p. 60 cf.

Please see the Regr's letter on page 60 cf. The notes above will show that a decision can be taken on the points on which the Regr. now wants orders only after a reply is recd. to the letter on pages 58-59 cf. ~~For orders whether the~~ Regr may be informed accordingly.

Await further report: pl. also remind

26/7/45

9.8.45

Legal about the refer: made to them about the competence of univs. to recognise Tech. institutions not of the collegiate grade.

8.8.45

Orders issued in Memo No. 31904 C-3 (U) 3.10.45

Please send the Memo below

12.9.45

p. 61 c.f. [Issued as Memo No. 50498/C-13, d 12.9.45]

p 62 cf

From the Registrar, Annamalai University, No.4713 dated 17-9-45 and No.4702 dated 17-9-1945. p 64 cf

Reminder issued
11/8/45

C.No.42207. From the Vice-Chancellor, Annamalai University No.4860 dated 21-9-1945. p 73 cf

...

~~The notes from page 8 ante may be read.~~ With reference to the letter ~~dated 2-7-1945~~ on pp 58-59 cf ~~from~~ the Registrar, Annamalai University, reported in July last that the Chief Engineer's note regarding syllabuses for the overseers course would be considered by the Board of Studies in Engineering on July 21 and that the p 60 cf

Board's report would be placed before the syndicate and the Academic Council in September 1945. The Registrar's final report in the matter has not been received.

In the meanwhile, the Registrar has reported that 95 students have been admitted to the Overseers course. The Registrar has also submitted an application for grant for the diploma course. Please also the Vice-Chanceller's letter on page ~~22~~ 23 c.f.

p62 cf

p64 cf

The Registrar may be first asked to say when the final reply to the letter dated 2-7-1945 on pages 58-59 c.f. may be expected. A draft letter is submitted.

[G.O. is in a file with H.E]

(G.O.No.1892 Edn. dated 20-12-1944 in which sanction was accorded for the opening of Engineering courses in the Annamalai University seems to have been put up in some other file and is not readily available. It is being traced. Again, the file referred to in the margin on page 15 ante is in circulation. A note on the request on the application for grant will be put up as soon as these papers become available).

[illegible]

[illegible] 2/10/45 3

[illegible]

(Issued as letter no 50298C/44. 13 Edn. 2.10.45)

pp.75-76

Perhaps it is better that the reply is awaited. The file may lie over till 15-10-45, when the Regr. may again be reminded, if necessary.

[illegible] 6/10/45 3; [illegible]

~~The Regr. has not yet submtd. a reply. A draft reminder is submtd. for approval~~ The Registrar's interim reply on p. 77 cf. is submtd. for perusal. He may be reminded next on 1-11-45.

mm 17.10.45

[illegible] 18/10/45

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p79 cf

C.No.48297.C. From the Registrar, Annamalai University, No. 5798 dated 23rd October 1945.

The notes from p. 15 ante may be read. The Registrar Annamalai University, reports that the University Board of Studies in Engineering has agreed to the additions to the syllabus for the Road Overseers' Course suggested by the Chief Engineer and that they will be incorporated in the syllabus to be placed before the Academic Council at its meeting in March 1946. Meanwhile the course is apparently conducted according to the original syllabus framed by the University. But it may be noted that most of the additions suggested by the Chief Engineer are to be made in the syllabus for the second year of the course - pp.35 and 50 c.f. It seems that the other points raised in the file may be examined pending receipt of the Registrar's final reply.

p79 cf

2. The points to be considered are

(1) The authority that should ~~conduct~~ hold the examinations and grant diplomas.

(2) Grant of stipends to students undergoing the course;

(3) Grant to the University towards the cost of the course.

(4) scale of pay to be granted to candidates when employed

pp 9 + 12 ante

p 29 cf

p 64 cf &

p 9 ante

Item (1) above: Please see the letter to the Registrar on p.27 c.f. and his reply on p.41 c.f. The University has requested that it may be permitted to hold the examinations and award diplomas for the course. The C.E. agrees to the University doing so in consultation with the C.E.(Irrigation) & C.E.(Communications) - p.56 c.f. It seems that under the Annamalai University Act the University is competent to conduct a diploma course, hold~~ing~~ the examinations and award~~ing~~ diplomas - vide Section 3 and 31. Attention is, however, invited to the notes on pp. 1-7 n.f. and the letter to the Andhra University on pp.11-12 c.f. of letter No.31904.C/45-3.Edn., dated 3-10-1945, wherein the appropriateness of a University recognising or conducting a diploma course in technical subjects has been discussed. In the present case the University has started the course at the instance of the Govt. It is for orders whether Legal and Dev., may be consulted in the matter.

Pages 31-32 & 47 of the University

I think we [illegible] [illegible]

and the point for consideration is whether the examination should be held and the diploma granted by the University itself

p 29 cf

[illegible]

Item (2) above: In the letter dated 1-3-45 the Registrar requested that stipends might be granted to the students undertaking the course. The C.E. considers that no stipends need be granted - para 3, p.56 c.f. His view may be accepted.

Item (3) above: In the letter on page 64 c.f. the Registrar has applied for a grant towards the cost of the course. For orders whether the C.E's remarks may first be called for.

Item (4): The C.E's remarks may be called for on this item also ~~If so~~ ~~the~~ draft memorandum on page 80 c.f. is for approval.

3. ~~After issue~~ the file may be sent to Legal and Dev., for remarks. Rev., L.A. & P.W.D. Fin. also may see.

8/11/45 S

8/11/45

Legal. Dev: L.A. Rev. P.W.D. Fin:

E. (Hon.) Educ.
50498/44-14 Edn.
9.11.45.

6861

Legal Department.

ASSISTANT SECRETARY I
9 - NOV 1945
LEGAL DEPARTMENT.

Section 3(a) of the Annamalai University Act empowers the University to provide for instruction in such branches of learning as the University may think fit including professional studies and technology, and to grant and confer degrees and other academic distinctions on persons who have pursued a course of study in the University. Section 16(5) of the Act which specifies the powers and duties of the Senate enables it to do all acts and things necessary to give effect to the provisions of the Act. It is therefore competent for the University to provide for a diploma course for minor irrigation overseers and grant diplomas.

Legal. 06981-1
14-11-45

14.11.45 Dev.

71505

Dev. Dept:

To A.S.

The file deals with the proposal of the Annamalai University to start Diploma Courses for training Road Construction Overseers and Minor Irrigation Overseers. The file has been sent to this Dept. with reference to item (i) on p17 ante viz. the authority that should hold the examinations and the grant of diplomas. The University proposes that it may be permitted to hold the examination and award diplomas. The Post war Reconstruction Education Sub-Committee recommended that diplomas below the degree should not be awarded by the

UNDER SECRETARY
16 NOV 1945
DEVELOPMENT DEPARTMENT

B on p17 above

Y on p4 of (V)

58

(59)

ASSISTANT SECRETARY TO GOVERNMENT
35227
27 NOV 1945
REVENUE DEPARTMENT

Universities but by a Technological Diploma Examination Board. The Ad hoc Committee on Technical Education also ~~suggested~~ supported this recommendation of the Education Sub-Committee. [There is a Technological Diploma Examination Bd. which provides for the award of diplomas to candidates in Industrial Schools.] E.P.H. Dept. propose to insist on the University to agree to the principle recommended by the Education Sub-Committee. This Dept. may also agree with the E.P.H. Dept. and the file may be passed on to ~~Rev.~~ L.A. Dept.

21.11.45 21.11.45

22.11.45 J.S.

23.11.45

A on p17 above

Thro' D.

21.11.45

SECRETARY TO GOVERNMENT
6 DEC 1945
FINANCE DEPARTMENT

L.A. Dept

Dev. No. 71305 Pro.

23-11-45

~~The note from p17 above~~ may be perused. This dept may agree with the views of E&PH ~~Regn~~ on pp 17-18 above regarding points (1) and (4) at C on p17 above.

RM
24.11.45

24.11.45
Secy
Rev

... DEPT.
24 NOV 1945
SECRETARIAT, MADRAS

Rev. Dept

26.11.45

To U.S.

Previous Revenue notes on p. 5 ante and the ~~summarising notes of H.T. for P.W.D.~~ may be perused and the file passed on to P.W.D.

30902 - 1H
26-11-45

29.11.45

30/11/45 S

30/11/45

P.W.D

Revenue 3522 F/45-1
30.11.45

[Previous notes of this deptt. at pp 3, 5-6, 9 & 12 ante].

Notes from p 17 ante may be perused. This deptt. may agree with the views of E.D. & P.H. Deptt. in respect of item (1) under para 2 on page 17 ante. The file may be passed on to the Finance Deptt. ~~and the case passed to him~~

3.12.45 3.12.45.

4.12.45 S

4.12.45

ASST. SECRETARY TO ...
1 DEC 1945
6140
PUBLIC WORKS DEPARTMENT

P.W. No. 6140 B/45-1
4.12.45

Finance (Exp.B).

(Finance last noted on page 10 above.)

The notes from page 17 above alone need be read.

At the instance of the Government, the Annamalai University has opened Diploma courses for training road-construction and minor irrigation overseers. The University has applied for recurring and non-recurring grants towards the cost of conducting these courses. E.P.H propose to obtain the remarks of the C.E.(Communications) on the application for grant – vide draft memo. on p 80 c.f.

2. E.P.H. consider that no stipends need be given to students undergoing the above courses. They also suggest that examinations should be held and ~~the~~ ~~[illegible]~~ Diploma should be granted by a Diploma Board and not by the University and ~~consider~~ that the University may be informed that the question of grant can be considered only if the University agrees to the above proposal.

The proposals may be accepted in Finance.

10.12.45 10/12/45. 10.12.45. 12.12.45 ~~W.S.~~

E&PH

cf. [illegible] on p. 4 above

& p. 64 c.f.

cf. (item 3) on p 18 above.

P on p 18 above (item (2) on H 17–18 above)

vide A of E&PH Secy's remarks in the [illegible] on p 17 above

Fin. No. 56273 EA-1
12.12.45

O.S. 2/1

E&P.H. Depts

ASST. SECRETARY TO GOVERNMENT
18 DEC 1945
EDUCATION AND PUBLIC HEALTH DEPT.

Notes from p 17 ante may be perused. Dev, L.A., Rev, P.W.D and Finance agree with this deptts proposal that the examinations should be held and diplomas awarded by a Technological Diploma Board. A draft letter to the Regr, Annamalai Univy, is submitted as suggested by Secy at p 17 ante. The draft memo [illegible] p 80 [illegible] also [illegible] For orders as to circulation.

56736.

24.12.45 27/12/45 7/1/46 7/1/46

7 - JAN 1946

[Issued as memo No. 50498 C–16 d 8.1.46) p 80 c.f.
and Lr. No. 50498 C/45–15 d 8.1.46) pp 81–82 c.f.

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(60)

21

p 83 c.f. C3333 From the Registrar, Annamalai Univy, No. 8100 d 20.1.46

p 85 c.f. C 7189 From the C.E. (Commns), No. 179 E/46 –, d 30.1.46.

In the memo at p 80 c.f. the Chief Engr (Commns) was asked to offer his remarks on the Univy's application for a grant towards conducting the Road Constr and M.I. Overseer Courses. In the remarks at p 85 c.f. the C.E. has not offered any comment on the estimates of expr. furnished by the Univy at pp 68–71 c.f. He may be specifically asked to scrutinise the estimates and say whether they may be accepted for purposes of grant.

p 85 c.f. 2 With regard to the suggestion that the syllabus for the Road overseers' course should be revised the Univy has already agreed to do this and the revised syllabus is to be placed before the Academic Council at its meeting in March 1946.

para 1 of note on p 17 ante

3 Please see the Registrar's letter at p 83 c.f. The Univy is agreeable to a Govt Diploma Board conducting the examination and issuing diplomas but asks for reasonable representation for the Univy on the Board. There is already a Technological Diploma Examn Board constituted by the Govt with the Director of Industries as its Chairman – vide G.O. No. 1274 Dev, d 7.5.38. This Board may perhaps be entrusted with the conduct of the final examination for the Road and M.I. Overseer courses at the Annamalai Univy. It may also be asked whether it will be possible to give representation

The Univ: by this proposal [illegible] alternatives: [illegible] will have to [illegible] only the [illegible] over [illegible] to [illegible] Univ: finally; to the Univ: [illegible] after [illegible] before grant can be considered.

22

to the Univy on the Board. For orders whether the Director of Industries may be addressed on these lines. | A

4. With refce to para 1 above a draft memo to the C.E.(C) is submitted.
Dev. may see with refce: to 'A' above.

17.2.46

BM
18/2/46 S

Issued p8

Dev. (after ...)

T & US **DEV** U.O. 50498 C/44-18
20.2.46

Please see the letter on p 83 c.f. and E & P.H. notes and orders on pp 21-22 above. E & P.H. Dept. propose to consult the D.I.C. whether the Technological Diploma Examination Board constituted by Govt. can be entrusted with the Road and M.I. overseer courses at the Annamalai University and whether it will be possible to give representation to the University on the Board. This Dept. may agree to the action proposed above. The file may be returned to E & P.H. Dept.

FOURTH ASSISTANT SECRETARY TO GOVERNMENT
2 FEB 1946
DEVELOPMENT DEPARTMENT

8/3

Dev. U.O.
13886 D/46-1
2.2.46

23.2.46

23/2/46 E & P.H.

E & P.H. (Edn)

ASST. SECRETARY TO GOVERNMENT
26 FEB 1946
EDUCATION AND PUBLIC HEALTH DEPT.

11301

Please see Dev. Dept's note above.
A draft memo to the Director of Industries is submitted below for approval. The University may be informed as suggested at M on the previous page after the Director's reply is received.

6.3.46

BM
7/3/46 S

(Notes from bottom of p. 20 ante)

9.3.46

9 MAR 1946
GOVERNMENT OF MADRAS

B, 60 23
(61)

pp 90-91 c.f. C.No. 19031/46. From the Director of Industries and Commerce to Govt. No. 1091-S13/46 dated 2.2.46.

The Director of Industries and Commerce reports that the Technological Diploma Examination Board may be entrusted with the conduct of examinations and award of diplomas for the road construction and minor irrigation overseers' courses and that it will be possible to give representation to the Annamalai University on the Board to deal with the examinations in respect of the above mentioned courses.

With reference to M on page 21 ante, a draft letter to the Registrar Annamalai University is submitted below for approval. Dev. may see before issue.

10.4.46

BM
11/4/46 S

Dev.

12/4/46
EdPH (B1)
U.O. Note No: 50498 B/46-21 Edn
12/4/46.

T & US **DEV DEPT**

Notes above and the draft letter below may be perused and the file returned to E & P.H.

Dev. U.O.
24574 D/46
8/18.4.46

UNDER SECRETARY
15 APR 1946
DEVELOPMENT DEPARTMENT

16.4.46
16.4.46

17/4/46
17/4/46

E & P.H.

213 80

May issue
BM
18/4/46

pp 93-94 c.f. [Letter no 50498 B.1/45-22 Edn dated 22.4.46]

p 45 c.f. C.No 24948/46. From the Registrar Annamalai University No 772 dated 25.4.46

P20

24

[notes from page 17 ante may be read] E & P.H. (B1)

At the instance of Govt, the Annamalai University has opened Diploma Course for training road construction and minor irrigation overseers from 1945-6. The Course extends to two years and the candidates for the diploma are required to pass the first examination at the end of the first year and the second and final examination at the end of the second year course. The points raised for consideration in this connection are :- pp 19-20 CF p21 & 62 CF y/8-11

(1) The authority that should hold the examinations and grant diplomas. p9 ante

(2) Grant of stipends to students undergoing the course. p29cf

(3) Grant to the University towards the cost of conducting the course. p84cf

(4) Scale of pay to be granted to candidates when employed. p9 ante

Point (1) The Annamalai University has agreed to the proposal of Govt that the examinations for road construction and minor irrigation overseers should be conducted by the Technological Examinations Board constituted under G.O. No 1274 Dev dated 17-5-38 and that representation should be given to the University on the Board to deal with the examinations. p95CF

Point (2) The C.E. has reported that no stipends need be granted. It is proposed to accept his view. 'P' on page 18 ante.& para 2 on page 20 ante. para 3. p56cf

Point (3) The C.E.(Communications) has been requested to scrutinise the estimates of expenditure furnished by the Registrar and to offer his remarks on the application for grant. //As the Academic Council has adopted the revised Regulations and Syllabuses governing the Overseers Diploma Course and as the University has agreed to the examinations being conducted by the Technological Examinations Board the question of making a grant to the University towards the cost of conducting the courses has now to be considered . The C.E. may be asked to expedite his reply. p87cf p98cf p95CF

Point (4) Attention is solicited to C.E.'s letter on page 85C.F. The syllabus for training has now been revised. He may be asked to suggest the scales of pay to be fixed for candidates who obtain the diploma on employment in public service

A draft order covering points(1) and (2) are submitted below for approval. Points (3) and (4) may be taken up for consideration separately. The draft order may be sent to Development (PWD) and Finance for acceptance.

18.5.46 21/5/46 S Dev. PWD Fin.

EB 61 62

E+PH(B1)

U.O. No. 50498-B1/46-23
22/5/46.

DEV DEPT

TOPS

Previous Dev notes on pp 22 and 23 above.

Notes on p24 above ~~and the draft order~~ may be perused.

The draft order below may be accepted and the file passed on to P.W.D

27.5.46 P.W.D.

33081

VDHC's letter at pp 90

UNDER SECRETARY
2 8 MAY 1946
DEVELOPMENT DEPARTMENT

25.5.46
25/5/46

Dev U.O. No.
33081 D/46-1
27.5.46

PWD

[Previous notes of this deptt at p19 ante] E&P.H. Deptt's note at p 24 ante may be perused. The draft order put up by them may be accepted and the file passed on to Fin.

31/5/46. 31.5.46 1.6.46 S/ 3.6.46 Fin

DEPUTY SECRETARY TO GOVERNMENT
1948
32361
PUBLIC WORKS DEPARTMENT

PW. U.O. No.
3286-L/46-1
7.6.46

Fin(Exp.B)

(Last seen in Finance on p. 20 above)

The notes ~~[illegible]~~ from p. 24 ~~above~~ may be read. The ~~draft~~ order below may be ~~accepted~~ and the Case returned to E&P.H.

6.6.46 6.6.46 7.6.46 8.6.46 E&PH

ASST. SECRETARY TO GOVT
4 JUN 1946
FINANCE DEPARTMENT

ASST. SECRETARY TO GOVERNMENT
1 0 JUN 1946
EDUCATION AND PUBLIC HEALTH DEPT.

Fin. U.O.
3192 PB-1
8.6.46

36730

24

[Notes from page 17 ante may be read]

E & P.H. (B1)

At the instance of Govt, the Annamalai University has opened Diploma Course for training road construction and minor irrigation overseers from 1945-6. The Course extends to two years and the candidates for the diploma are required to pass the first examination at the end of the first year and the second and final examination at the end of the second year course. The points raised for consideration in this connection are :- pp 19-20 CF p 21 & 62 CF 4/8-11

(1) The authority that should hold the examinations and grant diplomas. p 9 ante

(2) Grant of stipends to students undergoing the course . p 29 cf

(3) Grant to the University towards the cost of conducting the course . p 64 cf

(4) Scale of pay to be granted to candidates when employed. p 9 ante

Point (1) The Annamalai University has agreed to the proposal of Govt that the examinations for road construction and minor irrigation overseers should be conducted by the Technological Examinations Board constituted under G.O. No 1274 Dev dated 17-5-38 and that representation should be given to the University on the Board to deal with the examinations. p 95 CF G 8-9

Point (2) The C.E. has reported that no stipends need be granted. It is proposed to accept his view. 'P' on page 18 ante.& para 2 on page 20 ante. para 3 p 56 cf

Point (3) The C.E.(Communications) has been requested to scrutinise the estimates of expenditure furnished by the Registrar and to offer his remarks on the application for grant. //As the Academic Council has adopted the revised Regulations and Syllabuses governing the Overseers Diploma Course and as the University has agreed to the examinations being conducted by the Technological Examinations Board the question of making a grant to the University towards the cost of conducting the courses has now to be considered . The C.E. may be asked to expedite his reply. CM - p 87 cf p 15 cf 4-8-11 p 95 CF

Point (4) Attention is solicited to C.E.'s letter on page 85C.F. The syllabus for training has now been revised. He may be asked to suggest the scales of pay to be fixed for candidates who obtain the diploma on employment in public service

A draft order covering points(1) and (2) are submitted below for approval. Points (3) and (4) may be taken up for consideration separately. The draft order may be sent to Development (P.W.D.) and Finance for acceptance.

18.5.46

21/5/46 S

Dev: PWD Fin:

22/5/46

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61 (62)

E&PH (B1)

U.O. No. 50498-B1/46-23
22/5/46.

DEV DEPT

TOPS

Previous Dev notes on pp 22 and 23 above.

Notes on p24 above ~~and the draft order~~ may be perused.

The draft order below may be accepted and the file passed on to P.W.D

25.5.46

25/5/46

27.5.46 P.W.D.

33081

2 8 MAY 1946
DEVELOPMENT DEPARTMENT

VDHC's letter at pp 90-91 CF

Dev U.O. No
33081 D/46-1
27.5.46

PWD

[Previous notes of this dept at p19 ante]

E & P.H. Dept's note at p 24 ante may be perused. The draft order put up by them may be accepted and the file passed on to Fin.

31/5/46.

31.5.46

1.6.46

S/

3.6.46
Fin

32361

PUBLIC WORKS DEPARTMENT

PW U.O. No.
3236 - L/46-1
3.6.46

Fin (Exp.B)

(Last seen in Finance on p. 20 above)

The notes ~~[illegible]~~ from p. 24 ~~above~~ may be read.

The draft order below may be accepted and the case returned to E & P.H.

4 JUN 1946
FINANCE DEPARTMENT

6.6.46

6.6.46

7.6.46.

8.6.46 E & P.H

18920 EB

Fin. U.O.
31920 B-1
8.6.46

1 0 JUN 1946
EDUCATION AND PUBLIC HEALTH DEPT.

36730

EHPA ([illegible])

Notes from page 24 ante may be perused.
The draft order, below may be circulated to H.M. (Edn) before issue. May be appd and ordered to issue

KSN
10.6.46

10/6/46

11.6.46

H.M. (Edn) TSA
15-6-46

11/6/46

15 JUN 1946
GOVERNMENT OF MADRAS