CRB

Sectt. II-27—39,001—24-10-44.

E. & P., H. (194 7) Department.

Mis. SERIES.

A

G.O. No. Ms.1187 Edn.

Dated the 9 . 6 . 1947

A S

[redacted]

[Despatch Abstract.]

Overseas Scholarships - 1947-48 - Particulars regarding subjects, institutions and countries of studies suggested - Return sent to Government of India - Papers recorded.

Back Papers.

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

Further Papers.

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

IMMEDIATE. EXPRESS LETTER.

No.F.5-15/46-O.D.II.
Government of India,
Department of Education,
New Delhi 3, the 15th September, 1946.

ASST. SECRETARY TO GOVERNMENT
20 SEP 1946
EDUCATION AND PUBLIC HEALTH DEPT.

To

All Provincial Governments. Madras

SUBJECT:- Scholarships for Advanced Studies Abroad, 1947-48.

REFERENCE:- This Department letter No.D.2415(o)/45-E, dated the 23rd October, 1945 and subsequent correspondence.

88453

The Government of India have decided to continue in 1947-48 the scheme of sending students abroad for advanced studies in subjects connected with development plans. It is presumed that the Provincial Governments share this view and will continue to send abroad students for purposes of their requirements in connection with the development plans.

2. In view of the importance and all-India character of the Scheme, the Central Government are prepared, as this year, to contribute 50% of the total cost of training in respect of students sponsored in 1947-48 by the Provincial Governments, other than those already in the latter's employ, subject to certain conditions. One of these conditions is that this contribution will be taken into account as a part of the general grants for post-war development to the Province concerned.

3. A further detailed communication will be sent shortly dealing with the selection of candidates and other matters. Meanwhile it is requested that the Provincial Governments should send to this Department by the 24th October, 1946 at the latest, a statement giving the total number of scholarships required by them in 1947-48 in connection with their development plans, with their proposed distribution among various subjects. In view of the difficult admission position, it has been decided that the final selections for 1947-48 should be completed much earlier than was done this year. It will not, therefore, be possible to accept any requirements not received by the 24th October, 1946.

4. These requirements should not include the number of officers which the Provincial Governments may desire to depute on Study Leave or whose entire cost of training they will bear.

5. The number of scholarships allotted to Provincial Governments will be communicated by the 10th November, 1946. The distribution among various subjects of the quota of scholarships allotted to each Province will be left to the Provincial Government to decide according to the importance which they may attach to different subjects in relation to their development plans. It may be stated that the Scheme is primarily an educational one but practical training where necessary forms an integral and important part.

6. The Provincial Governments should set their selection machinery in motion at once so that their selections are completed and the names recommended by them for Provincial Scholarships are intimated to this Department before the 28th February, 1947.

P.T.O.

7. This may please be treated as Most Urgent.

for Secretary.

No.F.5-15/46-O.D.II.

Copy forwarded to all Departments of the Government of India. A statement of their requirements may kindly be sent so as to reach this Department by the 24th October, 1946 at the latest. It will not be possible to accept any requirements not received by that date.

By order,

for Secretary.

No.F.5-15/46-O.D.II.

Copy forwarded for information to the Chief Commissioner, Delhi/Ajmer-Merwara/Baluchistan/Coorg, who should submit their requirements through the Department concerned of the Government of India, by the 24th October, 1946 at the latest.

By order,

for Secretary.

"F.C.THAKAR"
200/12-9-46.D.

Special.

pp 1-2 CF

pp 1-2 CF

pp 1-5/Q

E.PH.(C2)

Memo No. 55453 C2/46 - 2 dt 2.10.46

Advanced studies overseas - 1947-48.

From the Government of India, Edn.Department, No.F.5-15/46-ODII dated 15-9-46.

1. The Government of India have decided to continue in 1947-48 the scheme of sending students abroad for advanced studies in subjects connected with the development plans. They have called for a statement giving the number of scholarships required by this Government in 1947-48 with their proposed distribution among various subjects. A copy of the Government of India's letter read above is forwarded to the D.P.I. relating to the Edn. Dept. He is requested to furnish an estimate of the subjects for which scholarships may be offered in 1947-48 together with the number required for each subject. An extract from the statement showing the names of candidates selected for overseas scholarships during 1945-46 and 1946-47, the subjects for which they have been selected and the actual courses for which admissions in institutions abroad have been secured for them, is enclosed. This statement would be helpful in estimating the present requirements of the Edn. Dept.

The following points should be noted in connection with the preparation of the estimates:

1) The subjects for which scholarships will be awarded are only those contained in the list of subjects, enclosed.

2) The subjects should be chosen with an eye to the actual needs of the Department and also the likelihood of the students on their return being absorbed in Educational institutions.

3) The courses of instruction given to the students will be essentially educational, including where necessary and possible, relevant practical training.

Among the subjects of studies which the D.P.I. might propose, he may include the following subjects also.-

Nursery education.
Physical Instruction
English for honours work.
Technical education methods - vocational education.
Education of mentally and physically handicapped.

As the Government of India may not allot the entire number of scholarships required by this Government and it may be necessary to make reductions later in the estimates furnished by the D.P.I., he is requested to indicate the subjects for which scholarships are proposed by him in the order of preference.

He is also requested to specify the maximum and minimum number of scholarships that may be awarded for each subject.

The estimates should reach this Department by 12-10-1946.

2. Advertisement:- The Government of India have stated that the actual number of scholarships finally allotted to this Government for 1947-48 will be made known by 10th November 1946. On receipt of this information it will be necessary to put out an advertisement inviting applications. For that, the D.P.I. is requested to specify the qualifications that may be prescribed for each subject. This information should reach this Dept. by 1-11-1946.

3. A return: The Director is also requested to complete the following form in respect of the subjects of studies that may be proposed by him:

Subject	Exact branch of subject.	No. of scholarship.	Nature and duration of training.	Institution or and country where it is desired that trg should be arranged

It is important that the return is as complete as possible. Definite information regarding the courses of studies required for each candidate viz. a diploma course or a research M.Sc. or Ph.D. course. etc., should be given. Regarding institutions where admissions are to be arranged, three

(4) 5

Wherever necessary, the Director may consult the Students Information Bureau of the Madras University or the Overseas Information Bureau of the Government of India, Education Dept., New Delhi 3. This return should reach this Dept. by 1-1-47.

4. Government servants: The D.P.I. is requested to examine the need for sending any officers of the Education Department for deputation for advanced studies for in 1947-48 and submit his proposals separately.

TNB 2.10.46

08M 2/10/46.

The D.P.I. (with
1 copy of letter — pp 1-2 CF
2 copy of statements — pp 1-5 (9)
3 copy of list of subjects)
pp 5-6

4

Special

2 Dft

I

(5)

EP.H.(C2)

U.O. Note no. 55453C2/46-5 dt 14/10/46

Overseas Scholarships —
1947-48 —

This Dept. U.O. no. 55453C2/46-1
dt 27.9.46.

The Devt Dept
P.W. Dept may be
requested to send very urgently
the estimate of their requirements
of overseas scholarships for 1947-48.
The consolidated estimates have to reach
the Govt of India not later
than 24.10.46.

The Devt Dept
The P.W. Dept U.O.
IIIrd
14/10/46

DP
14/10/46

AM
14/10/46

PTO

Special

11

From T.M
Sc. Secy, Ed.H.

To The D.P.I.

Overseas Scholarships – 1947-48.
This Dept memo no. 55453 C2/46-2 dt 2.10.46.
Please send very urgently the estimate of requirements of overseas scholarships for 1947-48 called for in the memo. cited

TMB
14.10.46

Please send P.C.

Reminded on 17.10.46 TMB

P.C. to go.

Note:- The connected file is in O.M.
TMB 14/10/46

Special

GOVERNMENT OF MADRAS,
Development Department.
U. O. NOTE NO. 72934 DI/46--2 dated the 15th October 1 9 4 6.

Sub: EDUCATION - Technical - Training abroad - Award of Scholarships to private candidates - Estimates.
Ref: Education and Public Health U.O. Note No.55453 C2/46 dated the 27th September 1946.

The statement appended to this U.O. Note contains particulars in respect of the subjects for which the award of scholarships to private candidates is proposed by this Department.

Other particulars regarding qualifications, and detailed courses of studies, names of institutions etc. called for in the U.O. note cited will be forwarded to the Education and Public Health Department later.

This may now be sent to Education and Public Health Department.

T. Sivasankar,
Secretary to Government.

To the Education and Public Health Department.
Copy to the Director of Industries and Commerce.
Copy to the Chief Conservator of Forests.

Forwarded By Order.

16.10.46
Superintendent.

V.K.S. 15-10.

APPENDIX.

Order of preference.	Number of the subjects as per basic shedule of subjects.	SUBJECT.	Minimum No. of Scholarships required.	Maximum No. of Scholarships suggested.
1.	17	Forestry	2	3
2.	new subjects	Food Technology with special reference to Bakery and Biscuit making	1	2
3.	26	Mercantile marine Engineering :- (b) Engineering Side	1	2
4.	24	Industrial and Applied Chemistry (b) Printing and Reproduction	1	2
5.	16	Fisheries	1	2
6.	15	Fertilisers:-(b) Chemical Plant Maintenance.	1	2
7.	12	Education :- (a) Technical (iii) Chemical Engineering	1	4
8.	"	... (ii) Applied Physics (Electronics)	1	-
9.	8	Cinemotography (c) Sound Recordist	1	-
10.	New subject	Textile Techonology	1	2
11.	12	Education :- (b) Others (iii) Educational Administration with specialisation in various aspects e.g., recreation and social activities Juvenile Employment etc.	1	-

P.T.O.

12

12.	20	Geophysics	1	--
13.	24	Industrial and Applied Chemistry (a) Industrial and applied Chemistry	1	-
14	"	(b) Tanning Curing and leather Technology.	1	2
15.	28	Meteorology	1	--
16	30	Navigational Research	1	--
17.	31	~~Paints~~ Paints	1	--
18.	33	Pulp and Paper	1	--
19.	32	Plastics	1	--
20.	5	Automobile Engineering	1	--
21.	12	Education :- (b) others -(i) Domestic science	1	--
22.	18	Fuel Technology	1	--
23.	15	Fertilisers -(a) Chemical Engineering	1	--
24.	26	~~Executive side~~ Mercantile Marine Engineering	1	--
25.	34	Radio Engineering :- (d) wire and wireless Engineering with special application to broadcast line net works	1	--
26.	"	(c) Broadcast transmission	1	--
27.	"	(b) Aeronautical Radio Engineering	1	-2
28.	"	(a) Accoustical Engineering with special application to broadcast studios	1	2
29.	27	Metallurgical Engineering	1	--
30.	25	Labour welfare with special reference to sickness, unemployment, insurance and assistance.	1	--
31.	15	Fertilisers - (c) Power House Maintenance and operation.	1	--
32.	6	Cellulose (b) Engineers	1	--
33.	8	Cinemotography (b) Film Editors	1	--

34

(TRUE COPY)

V.K.S. 15-10-1946.

SUPERINTENDENT. 16.10.46

EP.H C2

T.M.

III Reminder

From

Secy, E.P.H

To

D.P.I.

Issued 19.10.46 TMB

Overseas Scholarships - 1947-48.

~~This Dept.~~ Memo. No. 55453 C2/46-2 dt 2.10.46.

Please send the estimate of requirements of overseas Scholarships for 1947-48 to reach this Dept not later than 21.10.46.

Matter very urgent.

TMB

19.x.46 " " (B.O.)

212

Edn. 4.H
C2

Special

Advanced studies overseas -
Scholarships - 1945-46 -

EDUCATIONAL DEPARTMENT. (8) 13/

SUB:-Advanced studies overseas - 1947-1948.

...

63579

R.C.No.4368-C/45 Dated 21st October 1946.

From

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

To

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

Sir,

pp 3-5 quite

1. With reference to Government Memorandum No.55453 C2/46-2, dated 2nd October 1946 about advanced studies overseas, 1947-48, I have the honour to submit the following:-

2. In addition to the vacancies by retirement or transfer in the Engineering College, we have to provide for a number of posts in the Arthur Hope College of Technology, Coimbatore, and the two Engineering Colleges to be finally located at Vizagapatam and Anantapur. Although some persons were selected for studies overseas in the various subjects necessary for the four Engineering Colleges some of them have either not joined or have been taken up for study in a different subject. Thus there is still need for a number of persons to be sent in for advanced studies overseas in order to supply the teaching personnel for Engineering Colleges. There is also need for a number of other persons to be trained as quickly as possible to provide for ~~x~~ vacancies that are likely to arise in the various Government Arts Colleges. I therefore suggest the following subjects may be considered for supplying the teaching personnel.

ENGINEERING COLLEGES.

A. Mechanical Engineering. (1)

3. Heat and Hydraulics Engineering: One scholarship may be reserved for this subject because although three have been selected already one of these is actually doing Electrical Engineering and the other has not yet secured admission.

B. Electrical Engineering: (2)

4. There is at present no scholar who is specialising for the Generation, Transmission and Utilisation of Electric Power. During 1946-7, two persons were selected but both of them appear to have taken other places. Therefore, two places may be -- reserved for this subject.

C. Civil Engineering: (2)

5 As regards Highway Engineering under this branch, there is only one student who has been selected. I consider it desirable that there should be at least one more person trained for this subject.

6 In view of the fact that a number of Hydro-Electric projects are being put into effect I consider that a scholarship may be assigned to "Dam Design". This does not exclusively come under a teaching post but I feel sure that an expert in Dam Design would be a valuable acquisition for teaching as well as for the service.

D. Automobile Engineering: (1)

7 Since this subject has to be started as soon as possible at the Arthur Hope College of Technology, I would suggest that at least one scholarship may be reserved for this subject.

E. Chemical Engineering: (1)

8 In connection with the starting of the Textile Engineering course at the Arthur Hope College of Technology, Coimbatore, I consider that a scholarship for Chemical Engineering and Textile Chemistry may be reserved.

ARTS AND PROFESSIONAL COLLEGES.

9 I suggest the following subjects:--

There is at present a great need for persons trained in Geology and we find it extremely difficult to fill up the places in the Presidency College as well as in the Engineering Colleges. I therefore suggest that two scholarships may be reserved for Geology. (2)

TEACHERS TRAINING: (2)

10 As the Government are aware the University of Madras has been stressing the need for the deputation of persons for Teacher's Training. In view of the fact that a large number of teachers are necessary in the next few years of post-war reconstruction and the necessity for starting at least two more Training Colleges, one in Malabar and another in South Kanara, I suggest that two scholarships may be reserved for this subject.

TECHNICAL EDUCATION METHODS - VOCATIONAL EDUCATION: (1)

11 In view of the fact that Mr. Porret, Adviser to Government on Manual Training, is retiring soon and the Madras Public Service Commission has not been able to recommend anybody to fill his place when he retires and as there is need for a vocational education expert, I suggest that at least one scholarship may be reserved for Technical Education Methods - Vocational Education.

APPLIED PHYSICS (ELECTRONICS): (1)

12 One scholarship may be reserved for this subject.

PHYSICAL EDUCATION: (1) 2

13 The subject of Physical Education is becoming more and more important and one scholarship may be reserved for 'Physical Education.'

ENGLISH FOR HONOURS WORK: (2)

14 Two scholarships may be reserved for this subject.

NURSERY EDUCATION: (1) 2

15 One scholarship may be reserved for this subject.

EDUCATION OF MENTALLY AND PHYSICALLY HANDICAPPED: (1) 2

16 One scholarship may be allotted to this subject.

S. Kuppuswami Savoor.

Director of Public Instruction,
Madras.

16

Please despatch and return file to section, direct
TNB
24/10/46
PICF

Telegram (10) No. 55453 C2/46-1
Express 24.10.46

Edncaind
New Delhi

Your F-5-15/46-OD II fifteenth September regarding estimate of overseas scholarships required by Madras for 1947-48 stop Matter under consideration stop Will endeavour to despatch estimate before ~~Forth~~ November first

OM
24/10/46
S/Edhealth.
Newdlhi.

Telegraphic
Copy
Bal

Copy of P.C. to the Secy to the Govt of India, Edn. Dept, New Delhi, 3.

P.T.O

8

Note:- The Govt of India have fixed 24.10.46 as last date for receipt of estimates. Dept. alone have furnished estimates of their requirements. It is understood that P.W.D. will send their estimates in the course of today. The D.P.I. has been reminded by T.M. formally & on by A.S. over the phone personally. The Dy. Director states that the estimates were despd. on 22.10.46. As they have not been recd. in this Dept so far, the Dy. Director has been requested to send a copy by Spl. messenger today.

After receipt of all estimates it will be necy to circulate the case to before a consolidated statement is sent to G.o.I.

TMS 24/10/46

O.M. 24/10/46 S

pp 9-10 CF

Copy P.W.D. No. 2427 M/46-1 24.10.46

2. A statement showing the subjects for which scholarships are to be offered for 1947-1948 together with the number of scholarships required for each subject is put up at 'C'. (11) p 21 ante

3. As regards the orders of preference for the different subjects, attention is invited to paragraph 2 of the Chief Engineer (Highway)'s letter at page 23 current file. He has suggested the following order of preference : --

1. Low Cost Roads.
2. Bridging.
3. Soil mechanics and soil research.
4 Plant and plant operation.
5. Research organisation.

No other Chief Engineers have suggested any order of preference.

4. The Chief Engineer (Irrigiation) has suggested 7 scholarships in all, two for item (a) and one for each of the five remaining subjects specified in item IV in the statement. He has also stated that, if it is decided to restrict the number of scholarships the 7 scholarships now asked for may be awarded in two years.

5. The above information may be incorporated in the estimates to befurnished to the Government of India. In regard to the qualifications to be prescribed for the candidates to be selected, Education and Public Health department have called for a separate report. This may be intimated to them separately. Particulars in this regard are still awaited from the Chief Engineer(Electricity)

6. The file may now be sent to Education and Public Health They may be requested to return the file after intimating the Government of India of the estimated number of scholarships.

D.K. 24.10.46, T.M.S.R. V.K.

Secy, P.W.D. 24.10.46.

Subject.	Exact Branch subject.	No. of scholarships required.
I.(1) Reinforced Concrete.	Temperature studies.	1
(2)Civil Engineering.	Foundations of Structures.	1
(3) Sanitary Engineering.	Modern Sewage Treatment and Sewage disposal	1
(4) Architecture.	A.R.I.B.A. Examination.	1
II.Electrical Engineering.	Works Training.	1
	Electric Traction	1
	Manufacture of electrical switches and accessories.	1
	Manufacture of electric lamps.	1
III. Highway Research.	(a) Research Organisation, setting up of Research stations, Test tracts, Testing of Road materials &c.	1
	(b)Soil Mechanics and soil research	1
Plant & Plant Operation.	Use organisation and maintenance of road plant and machinery equipment of maintenance and field workshops &c.	1
Construction.	(a) Low Cost Roads.	1
	(b) ~~Briding~~ Bridging	1
IV. Civil Engineering (Irrigation)	(a)Theory of structures with special reference to Irrigation and flood control works, including practical training in Laboratory practice and testing of materials.	2
	(b) Constructional methods with special reference to irrigation structures.	
	(i) Masonry structures including reinforced concrete.	
	(ii) Earthen dams, flood protective works and canals.	
	(iii) Tunnels, aqueducts, caissons &c.	1
Hydrology.	(c) Hydrology with special reference to rainfall and flood studies and sub soil storage with special reference to utilisation from tube wells and artesian wells.	1
	(d)Economical use of water for Irrigation and the economics of water supply from costly schemes	1
	(e)Experimental studies of irrigation problems including theory of models	1
	(f) Soil mechanics with its application of design of irrigationworks.	1
	Total.	20

4 Bridges
4 Sanitary
5 Highways
7 Irrigation
20

C. 3.

Recd 27/10/46

23

No. 013

MADRAS 27 OCT 46 G.P.O.

INDIAN POS S AND TELEGRAPHS DEPARTMENT.

No. 17 auto

Received here at ——— H. ——— M.

X VB NEW DELHI 26. STE 29 EDHEALTH MADRAS =

T /1/1/46 - / = ODIV YOUR TELEGRAM OCT TWENTYFOURTH OVERSEAS
SCHOLARSHIPS 1947-48 AAA PLEASE WIRE PROVINCIAL GOVTS REQUIREMENTS
OF SCHOLARSHIPS AAA QUOTE COMMITTEE MEETING ON NOVE FIRST =
EDUCIND =

The sequence of entries at the beginning of this telegram is—class of telegram, time handed in serial number (in the case of Foreign Telegrams only), office of origin, date, service instructions (if any), and number of words.

This form must accompany any inquiry respecting this telegram.

24

(13) 25

Telegram No. 55453 C2/46-8
Express 29.10.46.

Educind
New Delhi

P1 CF
P23 CF

Your letter F.5-15/46-OII
September fifteenth and telegram
October twentysixth Stop Madras
require seventyfour half of
hundred and fortyeight
overseas schdlarships for 1947-48
Detailed Stop Letter follows

imd 29/+ TTB 28/10/46 OMM 29/10/46 Edhealth

(By Air mail) dp 29/+ P.C. to the Secy to the G. of India, Education Dept, New Delhi, 3.

V. Urgent

4 drafts
107-110
29/X

Jeeps
30.x.46
TTR

p1 CF

p17 CF
pp3-5 supra

p1 CF

(as was stated to be done last year)

copy to D.P.I. Deptt. P.W.D. 1 spare copy

I

Letter No. 55453 C2/46-9 Edn dt 29.10.46

(14)

pp 3-5 supra

To

The Secretary to the Govt. of India,
Education Department,
New Delhi, 3 (with enclosure).

Sir,

Scholarships for Advanced Studies Abroad, 1947-48.

Ref:- Your letter No.F.5-15/46-OD II dt. 15-9-46.

1. In continuation of this Department telegnam No.5545302/46-1 dated 24-10-46 I am directed to forward a statement giving the total number of scholarships required by this Government in 1947-48 in connection with their development plans, with their proposed distribution among various subjects.

2. With ref. to paragraph 6 of your letter, I am also to state that as soon as information is received about the number of scholarships allotted to this Province, steps will be taken to issue an advertisement inviting applications and to set up the machinery for the selection of candidates.

TTS 26.10.46

3. ~~In paragraph 2 of your lett~~ xxxxxxxx

020

28 2

3. In paragraph 2 of the letter cited it is stated that the contribution of the Government of India towards the cost of the scholarships to be awarded in 1947-48 will be taken into account as a part of the general grants for post-war development. I am to invite reference to my letter No. 57393C/45-6 Edn., dated 29.1.46 in which the Government of India have already been requested to waive this condition in respect of the scholarships for 1946-47. No reply has yet been received to the letter on this point. I am to ~~reiterate~~ reiterate the request in regard to the contribution of the Government of India towards the cost of the scholarships to be awarded next year also.

27/12/46 y. o. s.

Statement of Scholarships reqd. for 1947-48

Appendix I

For supplying the teaching personnel in the Engineering, Arts and other Professional Colleges.

Subjects.	No. of scholarships required.
1. Education - Technical	
(a) Applied Physics (Electronics)	1
(b) Automobile Engineering	1
(c) Chemical Engineering and Textile Chemistry	1
(d) Civil Engineering -	
(i) Highway Engineering	1
(ii) Dam Design	1
(e) Electrical Engineering -	
Generation, Transmission and Utilization of Electric Power	2
(f) Geology	2
(g) Mechanical Engineering -	
Heat and Hydraulics Engineering	1
2. Education - Others -	
(a) Education of the Handicapped	1
(b) English Language and Literature	2
(c) Nursery Education	~~1~~ 2
(d) Physical Education	~~1~~ 2
(e) Teachers' Training	2
(f) Vocational Eduation	1
	20

Appendix II

For absorption in Industries (Government and Private enterprise)

3. Automobile Engineering	1
4. Cellulose - Engineers	1
5. Cinematography -	
(a) Film Editors	1
(b) Sound Recordist	1
6. Education - Technical -	
(a) Applied Physics (Electronics)	1
(b) Chemical Engineering	1
7. Education - Others -	
(a) Domestic Science	1
(b) Educational Administration with specialisation in various aspects., e.g. recreation and social activities and juvenile employment	1

8. Fertilisers –

(a) Chemical Engineering ——— 1

(b) Chemical Plant Maintenance ——— 1

(c) Power House Maintenance and Operation ——— 1

9. Fisheries ——— 1

10. Food Technology with special reference to bakery and biscuit making ——— 1

11. Forestry ——— 2

12. Fuel Technology ——— 1

13. Geophysics ——— 1

14. Industrial and Applied Chemistry –

(a) Industrial and Applied Chemistry ——— 1

(b) Printing and Reproduction ——— 1

(c) Tanning, Currying and Leather Technology ——— 1

15. Labour Welfare with special reference to sickness and unemployment insurance and assistance ——— 1

16. Mercantile Marine Engineering –

(a) Executive Side ——— 1

(b) Engineering Side ——— 1

17. Metallurgical Engineering ——— 1

18. Meteorology ——— 1

19. Navigational Research ——— 1

20. Paints ——— 1

21. Plastics ——— 1

22. Pulp and Paper ——— 1

23. Radio Engineering –

(a) Accoustical Engineering with special application to broadcast studios ——— 1

(b) Aeronautical Radio Engineering ——— 1

(c) Broadcast Transmission ——— 1

(d) Wire and Wireless Engineering with special application to broadcasting line net works. ——— 1

24. Textile Technology ——— 1

Total 34

Appendix III

For absorption in the Public Works, Electricity and Highways Departments.

25. Civil Engineering – General

(a) Architecture – A.R.I.B.A. Examination ——— 1

(b) Foundations of Structures ——— 1

(c) Reinforced Concrete – Temperature Studies ——— 1

(a) Sanitary Engineering – Modern sewage treatment and Sewage disposal ——— 1

26. Civil Engineering – Highways –

(a) Construction (i) Bridging ——— 1

(ii) Low Cost Roads ——— 1

(b) Highway Research – 0

(i) Research Organisation, setting up of Research Stations, Test Tracks, Testing of Road Materials etc. ——— 1

(ii) Soil Mechanics and Soil Research. ——— 1

27. Civil Engineering – Irrigation

(a) Structures with special reference to Irrigation and Flood Control Works and Testing of Materials. ——— 2

(b) Constructional Methods with special refce. to Irrigation Structures. ——— 1

(c) Hydrology –

(i) Hydrology with special reference to rainfall and flood studies, sub-soil storage with special refce. to utilization from tube wells and artesian wells ——— 1

(ii) Economical use of water for irrigation and economics of water supply from costly schemes. ——— 1

(iii) Experimental studies of Irrigation Problems including theory of models. ——— 1

(iv) Soil Mechanics with its application of design of irrigation works. ——— 1

28. Electrical Engineering –

(a) Electric Traction ——— 1

(b) Electric Lamps – Manufacture ——— 1

(c) Electric Switches and Accessories – Manufacture – 1

(d) Works Training ——— 1

29 Mechanical Engineering – (for Highways Dept) –

Plant and Plant Operation ——— 1

Total 20

Grand Total 74

pp 9-10 CF

Devt. u.o. (with enclosures)

Draft I

II

E.P.H.C2.

U.O.Note No. 55453C2/46-10 dt 29.10.46

Overseas scholarships - 1947-48.
From Devt. U.O.Note No.72934D1/46-2 dated 15-10-46.

A copy of letter No. 55453C2/46-9 Edn 29.10.46 addressed to the Government of India on the subject cited above may be sent to the Devt. Dept. for information.

When the scholarships are advertised it will be necessary to indicate the ~~particular~~ subjects for which ~~women~~ women can apply. Devt. may be requested to indicate such subjects when they send the particulars regarding qualifications to be prescribed for applicants for scholarships. They may be requested to furnish these details before 10-11-1946.

27/10/46

III

U.O.Note No. 55453C2/46-11 dt 29.10.46

pp 19-21 CF

Overseas scholarships - 1947-48.
From P.W.D. u.o.No.2427M/46-7 dt.21-10-46.

1 A copy of letter No. 55453C2/46-9 Edn 29.10.46 adressed to the Government of India on the subject noted above may be sent to the ~~Communications~~ P.W.D. for information.

2 In respect of the subjects proposed by the C.E.(G) and C.E.(E), the order of preference of subjects ~~has~~ has not been indicated. P.W.D. may be requested to get very urgently the necessary information from the C.E.'s.

3 Public Works may be requested to obtain and forward the following particulars to this Department:-

4 1) Qualifications to be prescribed for the applicants for scholarships in the various subjects. These particulars may please be ~~arranged to reach~~ sent to this Department before 10-11-46.

5 2) Maximum and minimum number of scholarships that may be awarded for each subject.

6 3) "A" return regarding the nature and durati

of training required for each subject; institutions where admissions should be secured etc.

7. It is presumed that no woman will be eligible to apply for any of the ~~subjects~~ scholarships proposed by P.W.D. They may be requested to confirm this.

TMB 26.10.46

BSM 27/10/46

P.W.D. u.o. (with enclosure)

Draft I

IV

Memo.No. 55453 C2/46 - 12 dt 29.10.46

Overseas scholarships - 1947-48.
From the D.P.I. No.4368C/45 dt.21-10-46.

A copy of the letter No. 55453C2/46-9 Edn 29.10.46. addressed to the Government of India on the subject cited above ~~xxxxx~~ is communicated to the D.P.I. for information.

The Director is requested to furnish the following particulars not later than 10-11-1946.:-

1) The order of preference of the subjects proposed by him.

2) Qualifications to be prescribed for the applicants for the various ~~xxxxxxx~~ scholarships.

3) The subjects for which women candidates ~~xxxx~~ may be permitted to apply.

2. The D.P.I. has proposed one scholarship for "Heat and Hydraulics Engineering" under the impression that one of the three students who were selected during 1945-46 and 1946-47 is doing Electrical Engineering. But ~~the correct position is that~~ out of the three students, two are actually doing "Heat and Hydraulics Engineering" and one is awaiting admission in the subject. In view of this fact, the Director is requested to state not later than 10-11-1946 whether he still considers that a scholarships should be earmarked for "Heat and Hydraulics Engineering" for 1947-48.

para 3, P13 of

3. The Director has suggested two scholarships for "Generation, Transmission and Utilization of Electric Power" on the ~~basis~~ assumption that the two candidates who were selected in 1946-47 for this subject have given up the scholarships. But the actual position is that one of the two candidates, Mr.M.Muthukrishnudu, is awaiting admission, while the other candidate, Mr.R.S. Savoor, has relinquished the scholarship. It is proposed to recommend a substitute ~~candidate~~ for Mr. Savoor to the Govt. of India. But it is not definite whether the recommendation would be accepted by the Central Govt. at this stage. In the circumstances the ~~D.P.I.~~ Director is requested to state whether he considers that any alterations are necessary in the no. of scholarships proposed by ~~the D.P.I.~~ him for this subject. His reply should be sent not later than 10-11-46.

para 4, P14 of

Separate file

3. The Director is also requested to furnish the particulars which were already called for re. the maximum and minimum number of scholarships that may be awarded for each subject.

To The D.P.I. (with encl.) Dep 30/10/46

TMB 26/10/46

BSM 27/10/46

(18) 35/4

F 36

66686

8.8C

19

24/5

37

B.T.B. INDIAN POSTS AND TELEGRAPHS DEPARTMENT.

No.

Recd. at ____ H. ____ M.
From ____
By ____

Sent at ____ H. 1428 M.
To ____
By ____

Office Stamp. MADRAS G.P.O. 12 NOV 46

= X XH NEW DELHI 2 STE 69 EDHEALTH MADRAS =

F -1-/46 - ODIV AAA REFGE YOUR TELEGRAM OCT 29 TH AAA GOVT OF INDIA AGREE TO PROVINCIAL GOVT AWARDING TOTAL NUMBER OF THIRTYFIVE OVERSEAS SCHOLARSHIPS FOR 1947-48 . AAA DISTRIBUTION OF SCHOLARSHIPS AMONG VARIOUS SUBJECTS LEFT TO PROVINCIAL GOVT ACCORDING TO WHAT SUBJECTS THEY CONSIDER MOST IMPORTANT . AAA NAMES AND PARTICULARS OF CANDIDATES RECOMMENDED BY PROVINCIAL GOVT MUST REACH THIS DEPARTMENT LATEST REPEAT BY FEBY 28 TH 1947 = EDUCIND =

25 aisle

40

A.R.P. M.3.

Air-Raid Damage "IN" Message Form.

Date	Time at which reception of message was completed	Initials of Receiving Operator

AIR-RAID DAMAGE	Designation of Reporting Agent (e.g., Warden's Post No.)

Position of occurrence

* Type of bombs H.E./Incendiary/Anti-Personnel/Poison Gas

Casualties—Approximate No. Trapped—Approximate No.

Fire. (If reported, write word "FIRE")

* Damage to Mains:—Water/Coal Gas/Overhead/Electric cables/Sewers

Names of any roads blocked

Position of any unexploded bombs

Time of occurrence (approximate)

Services already on the spot or coming

Remarks

41

A P P E N D I X. (21)

S.No.	Subject.	Qualification.
1.	2.	3.
1.	Forestry.	1) First or Second Class Degree in B.Sc.(Hons.) of a University in this Province. Preference will be given to Botany as main or subsidiary subject. 2) Must have studied Physics, Chemistry Botany and Zoology, 2 in the intermediate course and the remaining 2 in the Degree Course.
2.	Food Technology with special reference to Bakery and Biscuit making.	A Degree in Chemistry.
3.	Mercantile Marine Engineering (b) Engineering side.	A Degree in Civil, Mechanical or Electrical Engineering.
4.	Industrial and applied Chemistry (b) Printing and reproduction Fisheries.	A Degree in Arts or Science.
5.	Fisheries.	A Degree in Zoology.
6.	Fertilisers-(b) Chemical Plant maintenance.	A Degree in Chemical Technology or a degree or Diploma in Mechanical Engineering.
7.	Education (a) Technical. (iii) Chemical Engineering.	A Degree in Chemistry or Chemical Technology.
8.	(ii) Applied Physics (Electronics).	A Degree in Physics.
9.	Cinematography (c) Sound Recordist.	A Degree in Physics.
10.	Textile Technology.	A Degree in Physics or Chemistry or a Diploma in Textile Technology.
11.	Education (b) Others. (ii)Educational administration -specialisation in various aspects (ex) Recreative and social activities-Juvenile employment etc.	A Degree in Arts, Economics or History.
12.	Geophysics.	A Degree in Physics or Geology.
13.	Industrial and applied Chemistry. (a) Industrial and applied chemistry.	A Degree in Chemistry.
14.	(c) Tanning, curing and leather Technology.	A Diploma in leather Technology or a Degree in Chemistry.
15.	Metorology.	A Degree in Physics.
16.	Navigational Research.	A Degree in Physics.
17.	Paints.	A Degree in Chemistry.
18.	Pulp and Paper	A Degree in Chemistry.

42

-2-

1.	2.	3.
19.	Plastics.	A Degree in Chemistry.
20.	Automobile Engineering.	A Degree or Diploma in Mechanical or Automobile Engineering.
	Education(b) Others.	
21.	(1) Domestic Science.	A Degree in Chemistry, Physics or Domestic Science.
22.	Fuel Technology.	A Degree or Diploma in Mechanical Engineering.
23.	Fertilisers (a) Chemical Engineering.	A Degree in Chemistry or Chemical Technology.
24.	Mercantile Marine Engineering. (a) Executive side	A Degree in Mechanical Engineering or in Commerce.
	Radio Engineering.	
25	(d) Wire and Wireless Engineering with special application to broad-cast line net works.	A Degree in Physics or Electrical Engineering.
26.	(c) Broadcast Transmission	-do-
27.	(b) ~~Accostical Engineering with special application to Broad cast studies.~~ Aeronautical Radio Engineering.	-do-
28.	(a) Acoustical Engineering with special application to Broad cast studies.	-do-
29.	Metallurgical Engineering.	A Degree in Physics or Chemistry.
30.	Labour welfare with special reference to sickness and unemployment insurance and assistance.	A Degree in Economics.
	Fertilisers.	
31.	(c) Power House maintenance and operation.	A Degree or Diploma in Electrical Engineering.
	Cellulose.	
32.	(b) Engineers.	A Degree in Chemistry.
	Cinematography	
33.	(b) Film Editors.	A Degree in Arts, Science or Economics.

R.M.Sundaram
Additional Secretary to Government.

(True copy)

Superintendent.

VSS.2.11.'46.

43

Government of India,
Department of Education,
New Delhi 3, the ~~1st~~ 2nd November, 1946.

~~EXPRESS TELEGRAM~~ (STATE)

To

Edhealth
Madras

ASST. SECRETARY TO GOVERNMENT 6&273 9 - NOV 1946 EDUCATION AND PUBLIC HEALTH DEPTT.

F-1-1/47-ODIV aaa Reference your Telegram October 29th AAAGovernment of India agree to Provincial Government awarding total number of thirtyfive Overseas Scholarships for 1947-48 aaa Distribution of Scholarships among various subjects left to Provincial Government according to what Subjects they consider most important aaa Names and Particulars of Candidates recommended by Provincial Government must reach this Department latest repeat latest by February 28th 1947.

EDUCIND

Copy by post in confirmation.

A.M.Dozania 2/11
~~Dr.~~ Asstt. Educational Adviser,
Dept.of Education, Govt.of India.

Same as P 37 ante

E-P.H (C2)

Maybe added to the file onits return from Depts.
TNB
12.XI.46

GOVERNMENT OF MADRAS.
Development Department
U.O.Note No.72934 DI/46-6 dated the 8th November 1946.

Sub: Education - Technical Training abroad - Private candidates - 1947-48 - Eligibility of women - Particulars of subjects

Ref: Education and Public Health U.O.Note No.55453 C2/46-10 dated 29-10-1946.

ASST. SECRETARY TO GOVERNMENT 11 NOV 1946 68679 EDUCATION AND PUBLIC HEALTH DEPT.

In continuation of this department U.O.No.72934 DI/46-4 dated 1.11.46, Education and Public Health, may be informed that women candidates may also be allowed to apply for scholarships in respect of the subjects noted below:-

Subjects.

Food Technology with special reference to bakery and biscuit making.
Education - Administration with specialisation in social welfare etc.
Education - Domestic ~~Services.~~ Science
Labour welfare with special reference to Sickness, unemployment insurance ~~inservice~~ etc.
Cinematography - Film Editors.

R. M. Sundaram,
Additional Secretary to Government.

To
Education and Public Health Department.
Copy to Director of Industries and Commerce.

Forwarded/By Order.
Superintendent.

pkg 9.11.46.

E&H C2.
Maybe added to the main file onits return from Finance.
TNB 12.XI.46
13/11/46
9/11/46
9/11

A.R.P. M/2. 46

Air-Raid Damage "IN" Message Form.

Date	Time at which reception of message was completed / Initials of Receiving Operator
AIR-RAID DAMAGE	Designation of Reporting Agent (e.g., Warden's Post No.)
Position of occurrence	
* Type of bombs H.E./Incendiary/Anti-Personnel/Poison Gas	
Casualties—Approximate No. Trapped—Approximate No	
Fire. (If reported, write word "FIRE")	
* Damage to Mains: Water/Coal Gas/Overhead/Electric cables/Sewers	
Names of any roads blocked	
Position of any unexploded bombs	
Time of occurrence (approximate)	
Services already on the spot or coming	
Remarks	

INCIDENT No.

IN SERIAL No.

* Delete those NOT reported.

SECRETARY, EDN. AND P. H. DEPT. 11 NOV 1946 GOVERNMENT OF MADRAS

68643*
(68643)

(24) 47

EDUCATIONAL DEPARTMENT.

SUB:-Overseas scholarships - 1947-48.

....

R.C.No.4368 C/45 Dated 9th November 1946.

From

Dr. S.R.U. Savoor, MA.,DSc.,IES.,
Director of Public Instruction, Madras.

To

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

pp 34-35 ante

Sir,

With reference to Government Memorandum No.55453 C2/46-12 dated the 29th October 1946, I have the honour to submit as follows:

(2) pp 3-5 ante

In the list sent to me in Government Memorandum No. 55453 C2/46-2 dated the 2nd October 1946, of persons to be sent abroad for supplying the teaching personnel in the Engineering Colleges, it is mentioned that Mr. T. Abdulla Hussain who was selected in 1945-46 for "Heat and Hydraulics Engineering" is now doing Electrical Engineering in the California Institute, U.S.A., and that N. Siddheswara Chetty has not yet secured admission in U.K. For the four Government Engineering Colleges we shall be wanting at least 8 men for Mechanical Engineering of the rank of Instructors. If Mr. Abdulla Hussain is actually doing Mechanical Engineering and Siddheswara Chetty has secured admission for Mechanical Engineering at any University, it is not necessary to have another person trained in "Heat and Hydraulic Engineering."

For Electrical Engineering 8 persons of the status of Instructors are required for the four Colleges and out of these at least 4 should be for Generation - Transmission and 4 of them for Electrical Machinery and Design. As those members of the staff who are qualified have been recommended for Professorships at present we have not got anybody to fill up any of these 8 posts; Messrs. L.G. Narayanaswami and C.K.

Chandran are being trained for Electrical Machinery and Design. Mr. L.R. Saptharishi has not yet secured admission; so, we shall be wanting at least one more for Electrical Machinery and Design even if Saptharishi gets admission.

As regards Generation and Transmission, etc., at least 4 persons are needed and if M. Muthukrishnudu is awaiting admission, at least 3 more will be needed for this subject. So, the 2 scholarships that I have suggested neednot be decreased.

In respect of Civil Engineering we shall want at least 12 persons of the status of Instructors. We have already got 2 for Structural Engineering, 1 for Highway Engineering and 1 for Public Health Engineering. In my letter dated 21st October 1946 I have recommended 2; one for Highway Engineering and one for Dam Design. I would therefore suggest that if possible at least one more for Surveying or Geodetic Engineering may be put in under Civil Engineering.

In making these recommendations I have taken into consideration the members of the service already on deputation and those that I am recommending separately for deputation.

So far as the order of preference is concerned I should like to put them as mentioned in the tabular statement in the appendix.

As regards the question of the Institutions where the scholars are to be trained I should like to state that both in the United Kingdom and the United States of America most of the institutions are full up and it is not a question of choosing the institution but whether the Educational Liaison Officers will be able to place our scholars in any institutions where the subject is taught. However, I am making enquiries of the Overseas Information Bureau of the

Government of India, Education Department. The last column in the Appendix may be filled up later on.

pp 51-53 supra

I have the honour to be,

Sir,

Your most obedient servant,

STR Sarma.

Director of Public Instruction,
Madras.

EPH (C2)

The main file has been sent to Depts. Its return may be awaited. till 28.11.46.

TRB 12/11/46

DSM 13/11/46

Appendix.

Subject.	Exact branch of subject.	No.of scholar-ship.	Qualifications to be prescribed.	Nature and Duration of Training.	Institution or and country where it is desired that training should be arranged.
I - Education. Technical					
(i) Electrical Engineering	Generation, Transmission and Utilisation of Electrical Power.	2	A First class degree in Electrical Engineering with Honours or the Certificate of Proficiency of the Institute of Science, Bangalore.	2 years training for M.Sc. degree preferably research with practical experience during the six months of vacation.	(To be filled up later)
(ii) Civil Engineering	Dam Design	1	A First Class degree in Civil Engineering with honours	Do.	
(iii) "	Surveying	1		Do.	
(iv) "	Highway Engineering	1		Do.	
(v) Automobile Engineering	Automobile Engineering	1	A First Class degree in Mechanical Engineering with honours	Do.	
(vi) Geology	..	2	A First Class honours degree in ~~Chemistry or in B.Sc.(Tech.)~~ Geology.	Do.	
(vii) Mechanical Engineering	Heat and Hydraulics Engineering	1	A First class ~~honours~~ degree in Mechanical Engineering ~~with Hons.~~	Do.	
(viii) Chemical Engineering.	Chemical Engineering with special emphasis on Textile Chemistry.	1	First Class honours degree in Chemistry or in B.Sc.(Tech.)	Do.	
(ix) Applied Physics.	Electronics	1	First Class honours degree in Physics with Wireless as a special subject	Do.	
II. Education - Others.					
(i) Vocational Education	Manual training subjects with special emphasis on Weaving.	1	First Class honours degree in Physics with workshop experience.	2 years Diploma course at the City & Guilds Institute with practical experience of workshops during the six months vacation.	

(26)

15

Appendix-- Continued.

Subject.	Exact branch of subject.	No. of scholarship.	Qualifications to be prescribed.	Nature and duration of training.	Institution or and country where it is desired that training should be arranged.
II-Education. Others.					
(ii) Teachers Training	Educational Psychology	1	First Class honours degree with L.T., B.T. or B.Ed.	Two years diploma or degree course.	(To be filled up later)
(iii) English Language and Literature.	..	2	First Class honours degree in English Language and Literature.	Two years degree course.	
(iv) Physical Education	Physical Education	1	First Class honours degree with a good record of sportsman.	Two years degree course.	
(v) Nursery Education		1			
(vi) Education of the handicapped		1	Details will be furnished later		

Radio Comm^ns.

53

PUBLIC WORKS DEPARTMENT.
U.O.Note No. 2427 M/46-10 dated 12-11-46.
....

Overseas Scholarships - 1947-48.
From the Education & Public Health Department
U.O.Note No. 55453 C2/46-11 dated 29-10-46.
....

With reference to para 4 of the above U.O.Note a statement showing the qualifications to be prescribed for the applicants for scholarships in the various subjects is put up. The particulars may be sent to E & P.H. Department. The other particulars called for from the Chief Engineers will, on receipt, be forwarded to that department.

D.V.Krishnamurthi,
Assistant Secretary to Govt.

ASST. SECRETARIAT TO GOVERNMENT
14 NOV 1946
EDUCATION AND PUBLIC HEALTH DEPT.

To be forwarded/By order.

Superintendent.

To The Education & Public Health Department (with enclosure)

(29) 57

Subject and Elect Branch subject.	Qualifications of candidates to be selected.
I. Civil Engineering - General	
(a) Architecture - A.R.I.B.A.Examination.	A Madrasee who has obtained the Government Diploma in Architecture or a degree in C.E with special aptitude for Architecture
(b) Foundations of Structures.	B.E.(Hons) Minimum.
(c) Reinforced Concrete - Temperature studies.	-do-
(d) Sanitary Engineering - Modern Sewage treatment and sewage disposal.	B.E.(Hons) Civil of the Madras University.
II. Civil Engineering - Highways:	
(a) Construction. (i) Bridging. (ii) Low Cost roads.	Graduates in Highway Engineering passing out of the College in March '47.
(b) Highway Research.	
(i) Research Organisation, setting up of Research Stations, Test Tracks Testing of Road materials Etc.	-do-
(ii) Soil Mechanics and Soil Research.	-do-
III. Civil Engineering - Irrigation.	
(a) Structures with special reference to Irrigation and flood control works and testing of materials.	Graduates of the Madras University with special aptitude for the subject.
(b) Constructional methods with special reference to Irrigation structures.	
(c) Hydrology.	
(i) Hydrology with special reference to rainfall and flood studies, sub soil storage with special reference to utilisation from tube wells and artesian wells.	
(ii) Economical use of water for irrigation and economics of water supply from costly schemes.	
(iii) Experimental studies of irrigation problems including theory of medels.	
(iv) Soil Mechanics with its application of design of irrigation works.	
IV. Electrical Engineering	
(a) Works Traning.	A degree or certificate with honours or first class or equivalent very high distinction in Electrical Engineering of the Madras University or other Universities or the Indian Institute of Science Bangalore.

58

(b) Electric Traction.	A degree or certificate in Electrical Engineering of the Madras University or other Universities or the Indian Institute of Science, Bangalore.
(c) Electric lamps - manufacture	
(d) Electric switches and accessories manufacture.	

V. Mechanical Engineering (For Highways Department)

Plant and Plant Operation.	A graduate in Mechanical Engineering of the Madras University.

T. Ramakrishnan.
Superintendent.

T.M

From the Secy, E.P.H.
To the D.P.I.

(30) 59

pp47-53cf

Overseas scholarships - 1947-48
Your no. 4368C/45 dt 9.11.46.

In the list of subjects furnished by you, the order of preference has been indicated separately for subjects under 'Education - Technical' and 'Education - Others'. Please rearrange the list indicating a Consolidated order of preference of all subjects and send it before 18.11.46.

Please also specify the subjects for which women alone can apply and those for which men and women can apply.

TMB
14.11.46

15/11/46

60

61 (3) PWD

On 3016-17/46.1 dated 16.11.46

Overseas Scholarships, 1947-48.

The CES are informed that it is proposed to allot only nine scholarships to this Dept for the subjects relating to Buildings, Roads, Irrigation & Electricity. Three scholarships are to be allotted for subjects relating to Irrigation & two each for the others. The CES are requested to indicate very urgently, the order of preference among of the subjects relating to their respective ~~as between the items comprising the subjects relating to them~~ depts, in which the scholarships should be allotted. Extracts from the list of subjects pertaining to each CE are enclosed for reference.

DLe 16.11.46. [initials] 16/11

VE
Please issue at once
[initials] 16/11

Despd. KAD. 16-11-46

with Annex (1)

P21Cf

To the ✓CE (Gl, B&R)
✓CE (H)
✓CE (I)
✓CE (E)

R.C.No.4368-C/45. C2

Office of the
Director of Public Instruction,
Madras, Dated 18-11-1946.

From

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

To

The Secretary to Government,
Education and Public Health Department.

Sir,

70743
20 NOV 1946
EDUCATION AND PUBLIC HEALTH DEPT

Sub: Overseas scholarships - 1947-48.

REF: Your Telephonic Message dated 15-11-1946 on my letter R.C.4368 C/45, dated 9-11-1946.

I submit herewith the list revised as desired, indicating the order of preference of all subjects arranged serially.

2. I may also state that item 14 "Nursery Education" is a subject for which women alone can apply, while for item 15 "Education of the handicapped" both men and women can apply. The rest are for men only.

for Director of Public Instruction.

RR.18/11.

(33)

APPENDIX.

Subject.	Exact branch of subject.	No. of Scholarship.	Qualifications to be prescribed.
1. Electrical Engineering.	Generation, Transmission and Utilisation of Electrical power.	2	A First class degree in Electrical Engineering with Honours or the Certificate of Proficiency of the Institute of Science, Bangalore.
2. Civil Engineering.	Dam Design	1	A First Class degree in Civil Engineering with honours.
3. "	Surveying	1	
4. "	Highway Engineering.	1	
5. Automobile Engineering.	Automobile Engineering.	1	A First Class degree in Mechanical Engineering with honours.
6. Vocational Education.	Manual training subjects with special emphasis on weaving.	1	First Class honours degree in Physics with workshop experience.
7. Geology.	Petrology Palaeontology.	2	A First class honours degree in Geology.
8. Mechanical Engineering.	Heat and Hydraulics Engineering.	1	A First class degree in Mechanical Engineering with Hons.
9. Teachers Training.	Educational Psychology.	1	First Class honours degree with L.T., B.T., or B.Ed.,
10. Chemical Engineering.	Chemical Engineering with special emphasis on Textile chemistry.	1	First class honours degree in Chemistry or in B.Sc.(Techm)
11. Applied Physics.	Electronics.	1	First class honours degree in Physics with wireless as a Special subject.
12. English Language and Literature.	..	2	First class Honours degree in English Language and Literature.
13. Physical Education.	Physical Education.	1	First class honours degree with a good record of sportsmanship.
14. Nursery Education.		1	
15. Education of the handicapped.		1	Details will be furnished later.

(33)

APPENDIX.

Subject.	Exact branch of subject.	No. of Scholarship.	Qualifications to be prescribed.	and Duration Training.	Institution or and country where it is desired that training should be arranged.
1. Electrical Engineering.	Generation, Transmission and Utilisation of Electrical power.	2	A First class degree in Electrical Engineering with Honours or the Certificate of Proficiency of the Institute of Science, Bangalore.	cars training M.Sc.degree ferably researc with practical perience during six months of cation.	(To be filled up later).
2. Civil Engineering.	Dam Design	1	A First Class degree in Civil Engineering with honours.	Do	
3. "	Surveying	1		Do.	
4. "	Highway Engineering.	1		Do	
5. Automobile Engineering.	Automobile Engineering.	1	A First Class degree in Mechanical Engineering with honours.	Do	
6. Vocational Education.	Manual training subjects with special emphasis on weaving.	1	First Class honours degree in Physics with workshop experience.	years Diploma & ourse at the City Guilds Institute ith practical experience of workshops during the ix months vacation.	
7. Geology.	Petrology Palaeontology.	2	A First class honours degree in Geology.	years training for .Sc.degree preferably search with practical experience during e six months vacation Ph.D.	Imperial College of Science, California Institute.
8. Mechanical Engineering.	Heat and Hydraulics Engineering.	1	A First class degree in Mechanical Engineering with Hons.	Do.	
9. Teachers Training.	Educational Psychology.	1	First Class honours degree with L.T., B.T., or B.Ed.,	wo years diploma or degree course.	
10. Chemical Engineering.	Chemical Engineering with special emphasis on Textile chemistry.	1	First class honours degree in Chemistry or in B.Sc.(Techn)	2 years training for M.Sc.degree preferably Research with practical experience during the six months of vacation.	
11. Applied Physics.	Electronics.	1	First class honours degree in Physics with wireless as a Special subject.	Do.	
12. English Language and Literature.	..	2	First class Honours degree in English Language and Literature.	Two years degree course.	
13. Physical Education.	Physical Education.	1	First class honours degree with a good record of sportsmanship.	Two years degree course.	
14. Nursery Education.		1			
15. Education of the handicapped.		1	Details will be furnished later.		

Government of Madras
Education and Public Health Department
Memorandum No. 14588 A-54 dated 13th November 1946.

—

Advanced studies overseas—1947-48.

From the Director of Public Instruction, No.44C-1/46-19 dated 10-10-46.

—

Para 1 of letter read above:-

The Director of Public Instruction is informed that it is proposed to earmark one of the overseas scholarships to be awarded in 1947-48 for "Radio Communications".

Para 2 of letter read above:-

The Director's attention is invited to the last paragraph of memo No. 55453 C2/46-2 dated 2-10-46 in which he has been requested to send his proposals for the deputation in 1947-48 of officers of the Education Department for foreign studies. The Director is requested to consider Sri P. Bhyravamwithy's claims in that connection and submit his recommendations to Government.

M.V. Subramanian,
Secretary to Government.

To the Director of Public Instruction.
Copy to C.S. section.

—

Forwarded/By Order

SUPERINTENDENT.

Special

pp 63-65 CF

Please issue
TNR
4/12/46

To the D.P.I.

I

(25)

E.P.H.Dept.(C2).

68

Memo.No. 55453 C2/46-16 Edn dt 4.12.46.

Overseas scholarships - 1947-48.
Ref:- From the D.P.I., ~~Lr~~.No.43687C/45 dt.18-10-46.

The D.P.I. is informed that the Government of India have allotted only a total of 35 scholarships to this Province and out of this ~~total~~, nine scholarships have been set apart for the Education Department. It is considered necessary to send one candidate each for Nursery Education, Physical Education, Teachers' Training and Radio Communications. The Director is requested to send a revised list of subjects for the nine scholarships. He is also requested to indicate the qualifications that should be ~~xq~~ required of the candidates for Radio Communications and Nursery Education.

The matter should be treated as specially urgent as advt. for the scholarships ~~have~~ has to be put out at the earliest ~~date~~ possible. hum-i-t.

TNR
3.12.46

8/12/46

Draft II.

Special

U.O.Note No.

Overseas scholarships - 1947-48.

The P.W.D. may be informed that it has been decided in circulation that out of the total of 35 scholarships for 1947-48, nine scholarships may be set apart for that Dept. They may be requested to indicate the subjects for which the nine scholarships ~~xxxx xxxxx xx~~ may be allotted.

As the scholarships have to be advertised without delay, P.W. may be requested to treat this as special.

To P.W.D. u.o.

TNR
3.12.46

8/12/46

Draft ~~I~~ II

Special

U.O.Note No. 55453 C2/46-17 Edn dt 4.12.46.

Overseas scholarships - 1947-48.

Ref:- Devt. u.o.note No.72934D1/46-2 dt.15-10-46.

PWD-10 CF

69

It has been decided in circulation that out of the total of 35 scholarships for 1947-48, seventeen scholarships may be set apart for the Devt. Department. HnM.(Forests) has minuted in the file as below :-

> "The Devt. of Agriculture which deserves to be given a high priority is not included in the list of subjects mentioned in the U.O. note on pages 9-10 c.f.(Devt. u.o. note dated 15-10-46). This may now be included next to Forestry."

The Devt. Department may therefore be requested to send a revised list of subjects ~~among~~ for which the 17 scholarships may be ~~distributed~~ given. ~~In any~~ Wherever fresh subjects are proposed by Devt. they may ~~be~~ also indicate the qualifications that should be laid down for candidates in those subjects.

Devt. may please treat this as special.

TAB 3.12.46

~~This~~ Devt.u.o.

To A.S.

Please see the E & P.H. Deptt. U.O. note at pp.43-44 c.f. The order of preference of the different subjects as indicated by the Chief Engineers is put up at p.5 of (C). A return in the 'A' Form, showing the subjects for which the 9 scholarships proposed to be allotted to this department is at pp. 7-8 of (C). It may be mentioned that the C.E.(E) has since changed the order of preference of the subjects proposed by him. The subjects as revised by him have been included in the 'A' Form.

The maximum and minimum number of scholarships that may be awarded for each subject does not arise as only one scholarship is recommended for each subject.

The presumption in para 7 on p.44 c.f., namely, that no woman candidate will be eligible to apply for any of the scholarships proposed by this department, is correct.

The file may now be sent to E & P.H.

O.P.R
3.12.46.

P.W.D. U.O. No. 2427 M/46-12
3.12.46.

'A' FORM.

(37) 72

Subject & Exact Branch of Subject.	No. of Scholarships.	Nature & duration of training.	Institution and/or country where it is desired that training should be arranged.
I. Civil Engineering - General			
1. Sanitary Engineering - Modern Sewage treatment and sewage disposal.	1	Post Graduate study leading to M.Sc. degree. Two years.	Municipal College of Technology Manchester (U.K)
2. ~~Foundations of Structures.~~ Architecture	~~1~~ 1	~~do~~ 2 years	Any University in the U.K. or Harvard University in the U.S.A. or Messachusetts Institute of Technology U.S.A. or Berkeley University California U.S.A. University College London Architectural Association School, School of Architecture, Liverpool.
-o)-			
II. Civil Engineering-Highways.			
1. Construction - Bridging.	1	Two years.	Imperial College of Science Technology, London or Messachusetts Institute of Technology, U.S.A. or other suitable institutions or Cornell University U.S.A.
2. Low Cost Roads.	1	Two years.	-do-
III. Civil Engineering-Irrigation.			
1. Constructional methods with special reference to irrigation structures (a) Masonry dams and other structures including reinforced concrete. (b) Earthen dams, flood protective works and canals. (c) Tunnels, aqueducts, caissons etc.	1	M.Sc. 18 months practical training and 6 months tour of - interesting constructions in progress.	The Educational Adviser, U.S.A. may be requested to select suitable institutions for the purpose.
2. Structures with special reference to Irrigation & flood control of works and testing of materials.	1	-do-	-do-
3. Soil Mechanics with its application of design of irrigation works.	1	-do-	-do-

P.T.O.

73

IV. Electrical Engineering:-

1. Electric switches & accessories - manufacture.	1	Two Years.	As only Electrical Engineering Graduates are selected only a course of practical training is suggested. The India Supply Mission or the Agent General in U.S.A. may be requested to arrange suitable training places.
2. Electric Traction.	1	Manufacture of Electrical equipment for rolling stock, electric locos and brakes .. 12 months. Design Office 3 months. Testing of elec. equipment - 3 mths. Operation & Maintenance of Electric rolling stock overhead lines & traction power plan .. 4 months. Time Table, Control Office &c. 2 months. Total 2 years.	-do-

9

1458-8 A-54-28 1/1301/46 (38) 74

Education Department.

From

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

To

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

ASST. SECRETARY TO GOVERNMENT EDUCATION AND PUBLIC HEALTH DEPT. 11 DEC 1946

Rc.No.4368 C/45 dated 7-12-1946.

Sir,

Overseas Scholarships - 1947-48.

75999 Memo dt.

With reference to Government Education Department Memo No. 55453-C-2/46-16 dated 4-12-46, I have the honour to submit herewith the list revised as required.

2. I may mention here that items (4) to (7) in the list referred to in para one above are quite essential and urgent for carrying on the work of the Engineering Colleges recently opened. Without candidates with those qualifications, it will be impossible to manage the work of the Colleges; the three subjects now proposed to be selected one in my opinion relatively not of such urgent and immediate importance. I may also point out that 3 candidates have already been deputed for training in Radio Communication at the Stafford University in U.S.A. and there is no need whatever for deputing a fourth person.

Teachers Trg.

3. As regards candidates for Radio communications, intended for the staff of Engineering Colleges, I suggest the following qualification (viz) B.E. degree First class in Electrical Engineering of a recognised University or a certificate of proficiency granted by the Indian Institute of Science in Electrical Engineering or Communications. If the place is for an arts College then the qualification should be First class Honours Physics with wireless as a special subject.

4. With reference to item one of the list in para 1 above - (viz.) Nursery Education - the candidate to be selected should be in possession of an Honours degree, preferably with L.T. or B.Ed. qualification and should have had some teaching experience in teaching young children of nursery schools. The Secretary, University students' deputation Bureau has, however, stated that for training in the National Froebel Institute in the United Kingdom a candidate should have 5 years of teaching experience of which 3 must have been spent in teaching young children. If this requirement is insisted upon it would be difficult to select suitable candidates.

Yours
9.12.46

for Director of Public Instruction.

k.h.9-12.

9/12

Appendix.

Serial no.	Subject.	Exact Branch of Subject.	No. of Scholarships.	Qualifications to be prescribed	Nature and Duration of Training.	Institution or and Country where it is desired that training should be arranged.
1)	Nursery Education		1			
2)	Physical Education	Physical Education (Teachers trg) ?	1	First class honours degree with a good record of Sportsmanship.	Two years degree Course.	
3)	Radio Communications	Radio Engineer	1			
4) and 5)	Electrical Engineering.	General, Transmission and Utilisation of Electrical power.	2	A First Class degree in Electrical Engineering with Honours or the Certificate of Proficiency of the Institute of Science, Bangalore.	2 years training for M.Sc. degree preferably research with practical ~~expenditure~~ Experience during the six months of Vacation	(To be filled up later).
6)	Civil Engineering	Dam Design.	1	A First Class degree in civil Engineering with Honours.	Do.	
7)	Do.	Surveying	1	Do.	Do.	
8)	Vocational Education	Manual Training Subjects with Special emphasis on Weaving	1	First class honours degree in Arts with work shop experience.	2 years Diploma Course at the City and Guilds Institute with practical experience of work-shops during 6 months Vacation.	
9)	Mechanical Engineering	Heat and Hydraulics Engineering.	1	A first class degree in Mechanical Engineering with Hon	2 years trg. for M.Sc. degree preferably research	

T.M.

78 S

From A.S., E.P.H. (40) To Dy. D.P.I.

Issued 12.12.46

Overseas Scholarships -
D.P.I's ~~Yours~~ No. 4368 C/45 dt 7.12.46. Engg. College

Please send ~~as above~~ at
very urgently a copy of the Director's
letter on which the orders in Govt.
memo: no. 14588 A-54 Edn dt 13.11.46
were issued.

P

TNB
12.12.46 P.O.

Note:- In the Director's letter refd. to at 'P' above, it was stated that

79

There was a real need to send a candidate for overseas studies in Radio Comns. But in the DPI's letter dt 7.12.46 it has been stated that there is no need whatever for deputing a candidate for Radio Comns. As the Director's letter at 'P' is pasted up in a file now in Ot., and is not readily available, a copy may be called for from the Director's Office.

TOB
12.12.46

OFFICE OF THE DIRECTOR OF PUBLIC INSTRUCTION, MADRAS.

ASST. SECRETARY TO GOVT. EDUCATION & P.H. DEPT. — 16 DEC 1946 — Post Copy of Telephonic Message, dated 13-12--1946.

***

From the Deputy Director of Public Instruction, Madras.

To The Assistant Secretary, Education & P.H. Dept.

Ref:- Your Telephonic Message dated 12-12-1946 regarding deputation of Sri P.Bhairavamurti for advanced studies overseas.

A copy of the Director's Confidential letter R.C.No.44 C.1/46-19, dated 10th October 1946, is herewith sent, as desired.

Deputy Director of Public Instruction

NB/13-12.

Encl:- Copy of letter at (1)

Copy of Confidential letter R.C.No.44-C-1/46-19 dated 10.10.1946 from the Director of Public Instruction, Madras to the Secretary to the Government of Madras, Education and Public Health Department, Fort St. George, Madras.

Subject:- Deputation of Government servants for advanced studies overseas--1946-47--"Radio Communications".

Refce.:--Government Memorandum No.14588 A-17 dated 24th August 1946.

I have the honour to state that there is only one person who can be recommended for deputation Overseas for Advanced studies in Radio Communications and he is Professor K. Sreenivasan, Offg. Prof. of Tele-Communications Engineering, College of Engineering, Guindy. But I am unable to recommend him for deputation as it is impossible to spare him in the present circumstances. As, however, a person with high qualifications and advanced training in "Radio Communications" will be essential for future development of the subject in the Engineering Colleges in the Province, I recommend that a suitable 'Private Candidate' may be selected and deputed Overseas for advanced training in "Radio Communications".

2. If it is not possible to select a suitable private candidate and if it is possible to change the subject of study, I may submit that Sri P.Bhairavamurti, Officiating Instructor in Surveying and Drawing, College of Engineering, Guindy, may be selected for undergoing advanced studies in CIVIL ENGINEERING. Sri P.Bhairavamurty is the first candidate belonging to the Scheduled Castes to obtain a Degree in Engineering from the University of Madras, and perhaps the first such candidate of the community to get an Engineering Degree in the whole of India. The candidate is reported to be desirous of remaining in the Educational line. I, therefore, recommend that in the interests of the College as well as a gesture of generosity to the Community to which he belongs, the Government may be pleased to select him for deputation. In this connection I invite the attention of Government to my letter R.CL.No.18/45-8 dated 14.11.1945 disposed of in Government Memorandum No.29968 C.35 Edn., dated 26.11.1945.

/True copy/.

For Director of Public Instruction.

SP 14/12

83

T.M.

84 E.P.H. C2

43

Very Special From E.P.H.

To The Secy, The D.P.I.

Op 14/12

P74CF

Overseas Scholarships - 1947-48.

Your no. 4368 C/45 dt 7.12.46.

In para 1 of your letter to dt 10.10.46 you recommended

p 82CF 44C-1/46-19 that a private candidate might be selected and sent for overseas studies in Radio Comns.

p 74CF But in your letter under refce. you have stated that there is no need whatever for sending a person now for overseas studies in Radio Communications. Please clarify.

Yours If there is no need to send a private candidate in 1947-48 for Radio Comns., Please state whether the scholarship

proposal for this subject may be allotted to "Teachers Training" vide memo. no. 55453 C2/46-2/46-16 dated 4.12.46.

Please send a reply by tomorrow.

16/12/46

(x) Teachers Trg. was one of the ~~X~~ Subjects proposed by H.M. ('Edn) and the Director was asked to include the Subject also in his list

Note:- The main file on the Subject of is in Dy. To save time etc T.M. above may be issued now.

16/12/46

16/12/46

Post Copy of Telephonic Message dated 17th December, 1946.

From

The Director of Public Instruction, Madras

To

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

Reference:- Your telephonic message dated 16th December 1946 regarding Overseas Scholarships - 1947-48.

At the time I recommended the selection of a suitable 'Private Candidate' for advanced training in 'Radio Communications" it was not definitely known as to how many candidates were actually undergoing advanced studies in this subject. However, later on it was learnt that 3 private candidates were already undergoing advanced studies in "Radio Communications" or allied subjects in the U.S.A. Hence my recommendation in my letter R.C.4368-C/45 dated 7.12.1946.

2. In the above circumstances the scholarship may be allotted to "TEACHERS' TRAINING" as suggested by you in the above telephonic message.

For Director of Public Instruction.

ks.17-12.

REGISTERED A.D.

No.F.1-1/47-O.D.IV
Government of India,
Department of Education.
New Delhi 3, the 19th December 1946.

SECRETARY TO GOVT. OF INDIA
EDUCATION DEPARTMENT
7976

MEMORANDUM

Scholarships for Advanced Studies Overseas 1947-48 - Provincial Government Scheme.

1 The undersigned is directed to invite a reference to this Department memorandum of even number dated the 4th November 1946 and to say that presumably the Provincial Government have taken necessary steps to invite applications for Overseas Scholarships which are to be awarded by them, during the year 1947-48 and that the names of candidates recommended by them, together with all relevant documents, will, it is hoped, reach this Department, in any case not later than the 28th February 1947.

2 In order to enable the High Commissioners in London, and Australia and His Majesty's Charge d' Affaires in the United States of America to commence necessary preliminary enquiries without further delay, it is essential to inform them of detailed courses of study etc. for Government sponsored students in 1947-48 as soon as possible. It is, therefore, requested that the Provincial Government may let this Department know as early as possible, but in no case later than 20th January 1947 the relevant information. The information may kindly be furnished in the following form in triplicate, sending separate lists for United Kingdom, United States of America, Australia and New Zealand:-

Subject	Exact Branch of subject	No. of Scholarships	Nature & duration of study	Inst.& Country where it is desired that the course of study should be arranged	Nature of work the candidate will be required to do on return from abroad.

A. N. Sharma
for Secretary. 18/12

To

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

ANS

Education & Public Health Dept.

U.O.Note Mmk No. 5545402/46- Edn., dated 10th January 1947

Overseas Scholarships - 1947-48 - Submission of "A" return to the Government of India.

Ref:- E.P.H.Dept. u.o.Note No.55453 C2/46-1 dated 27-9-46.

The Development Department may be requested to send very urgently the particulars regarding detailed courses of studies, names of institutions etc. for the students to be sponsored for studies overseas in 1947-48 in subjects with which the Devt.Dept. are concerned. The particulars have to be forwarded to the Government of India so as to reach them not later than 20-1-47.

Dept. TIB 10.1.47

The Devt. Dept. u.o.

TIB (10.1.47)

Government of Madras
Development Department
Ms U.O.Note No.72934 DI/46-9 dated the 10th January 1947.

Sub:-Education - Technical Training abroad - Private candidates for 1947-48 - Return of particulars.

3172

In continuation of this department U.O.Note No. 72934 DI/46-6 dated 8-11-46, the return regarding the courses of studies, names of institutions etc., in respect of the subjects recommended by this Department for the award of scholarships is forwarded to the Education & Public Health Department in duplicate.

2. In furnishing the particulars regarding 'Industries' the Director of Industries and Commerce has stated that the names of the institutions have not been arranged in the order of preference and that the particulars have been gathered, as far as available, only to serve as a guide to the authorities in the U.S.A. and the United Kingdomm to arrange for the admission of students for training in the subjects finally chosen by the Government for the award of scholarships.

K.G.Menon,
Joint Secretary to Govt.

To the Education & Public Health Department.

Forwarded/By Order

dsr.11.1.

Superintendent.

S. No. (1)	List No. (2)	Subject and Exact Branch of Subject. (3)	Number of Scholarships. (4)	Nature and duration of training. (5)	Institution or/and country where it is desired that training should be arranged. (6)
1	5	Automoblie Engineering	3	M.Sc--Two years plus one year practical.	(1. Loughborough college, Leicestershire; 2. Manchester University;3. Automobile Engineering Training college;4. London University;East London college; City and Guilds Engineering College,London) U.K. (Detriot University; University of Michigan; Purdue University Massachudetts Institute of Technology; Cor-Nell University; California University;Rensselaer Polytechnic,Reastitute, Troy, New York.) U.S.A.
2	6	Cellulose--(b) Engineers-	2	Any Degree-Two years plus one year practical.	(Manchester University;Liverpool University;Leeds University;)U.K. (McGill University(Canada); University of Michigan; University of Wisconsin; Massachusetts Institute of Technology; Brooklyn Polytechnic;Columbia University.) U.S.A.
3	8	Cinematography (c) Sound Recordist	2	Any Degree in sound Physics--	Case School of Applied Science U.S.A.
				Two years plus one year practical.	(Crown Film Unit of Ministry of Information, London)U.K.
		(b) Film Editors	2	Diploma-Two years plus one year practical.	(California Institute of Technology; California University of Los Angeles; Rochester, University of;Institute of Film Technique of the City College of New York; University of Southern California; City College of New York.) U.S.A.-
4	12	~~Education~~ (a) ~~Technical~~ (iii) Applied physics (Electronics)	2	M.Sc. or Ph.D--Two years plus one year Practical.	(London University; Glasgow University; University College, Dublin; Cambridge University; Leeds University) U.K. (California Institute of Technology; Columbia University; Cornell University; Harward University; Massachugetts Institute of Technology; Princeton University; California University Chicago University; Illinois University; Wisconsin University U.S.A.
		~~(b) Others.~~ (iii) Chemical Engineering	2	M.Sc. or Ph.D-2 years plus one year practical.	(Manchester University; Glasgow University; London University; City and Guilds College of Engineering, London; Imperial College, London) U.K. University of Michigan, Columbia (University; California Institute of Technology; Carnegie Institute of Technology; Illinois,University of Pennsylvania State college; University of Wigconsin, Massachusetts Institute of Technology) U.S.A.
		(b) Others. (i) Domestic Science	2	Diploma or Degree in Domestic Science--2 years	(University of Glasgow, Bristol, Household and social science, Cardiff; Reading University; Robert Gordons Technical College,

ASST. SECRETARY TO GOVERNMENT EDUCATION AND PUBLIC HEALTH 16 JAN 1947

S.No.	List No.	Subject and Exact Branch of Subject.	Number of Scholarships.	Nature and duration of training.	Institution or/and country where it is desired that training should be arranged.
1	2	3	4	5	6
					Columbia University Teachers College; New York University) U\S\A\
5	15	**Fertilisers** (a) Chemical Engineering	2	M.Sc-Two years plus one year practical-	(Imperial chemical Industries.Ltd., Bellingham; London University; Glasgow University; Manchester University; Imperial College of Science London;) U\K\
		(c) Power House maintanance and operation.	2	M.Sc-Two years plus one year practical	(University of Tennessee; Iowa state college; Pennsylvania state College; Orgeon state college; University Illinois; Cornell University; Texas Agricultural and Mechanical College; Columbia University) U.S.A.
6.	16	**Fisheries**	4	M.Sc- Two years	(University college, Southampton; Aberdeen University; Kings College, New Castle on Tyne(U.K.)Trawlers at crimsby Hull (Practical Works); London University; Edinburgh University; Manchester University)U.K. (Cornell University; Stanford University; Harvard University; University of Michigan; University of Washington; Washington Schoolmof Fisheries, Seattle, Washington; Palo Alto, California; Ithaca, New York; Indiana University; Bloomington, Indiana; University of Winconsin; Madison, Wisconsin)U.S.A,
		Fertilisers — (b) Chemical plant maintenance	3	Two years training one year of which may be advancdd course in Chemical Technology.	
7	18	**Fuel Technology**	2	M.Sc Degree or PhD Two years.	(Imperial college of Science and TechnologyLondon; Leeds University; Manchester University; Longhborough College, Leicestershire; Sheffield University; Royal Technical college, Glasgow; London University)U.K. (Pennsylvania state College; Massa-Chusetts Institute of Technology; Battell Memorial Foundation at Columbus, Ohio; Institute of Gas Technology at Illinois Technical College in Chicago. Carnegie Institute of Technology)U.S.A.
8	20	**Geophysics.**	2	M.Sc or PhD-Two years-	(Royal college of Science, London; Cambridge University; University of Dublin, Trinity college; London University) U.K. (Colorado School of Mines; Columbia University; Harvard University; Minnesota, University of; Princeton University; St. Louis University; University of California; Massachusetts Institute of Technology; University of Wisconsin)U.S.A.
9	26	**Industrial and Applied Chemistry.**			
		(i) (a) Industrial and Applied Chemistry.	2	M.Sc or PhD-Two years-	(Birmingham University; Glasgow University; Edinburgh University; Liverpool University; Imperial college, London; Leeds University; Battersea Polytechnic, London; Northampton College of Technology)U.K. (Cornell University; Columbia University; Massachusetts Institute of

1	2	3	4	5	6
10	25	Labour Welfare, with special reference to sickness and unemployment insurance and assistance.	2	Any Diploma or Degree-Two years.	(London School of Economics; Birmingham University; Edinburgh University; Manchester Municipal college of Technology) U.K. (California, University of; Chicago University of; Princeton University; Yale University; University of Wisconsin; Harvard University; Columbia University; Cornell University; University of Minnesota; Massachusetts Institute of Technology) U.S.A.
(11)	24	Industrial and Applied Chemistry(con.) (b) Printing and Reproduction.	4	Diploma or Degree-Two years plus one year practical-	(London School of Printing and Kindred Trades; Leeds college of Technology; Manchester University; Heriotwatt college, chamber's street, Edinburgh; Trades Technical college Leeds) U.K.
11	26	Mercantile Marine Engineering (a) Execution side	2	M.Sc or other Degree-Two years	Liverpool University U.K.
		(b) Engineering side	3	Diploma or Degree-Two years plus one year practical	(Glasgow University; University college of South Wales and Monmouthshire, Cardiff; Durham. King's college New castle; Liverpool University; Armstrong college, Durham; with practical training at Wallsend Shipway and Engineering Company, North Eastern Marine Company; Armstrong Whitworth Ship Builders Ltd; Swan Hunter & Wighame Richardson Ltd.; & Howtheran Leslie company at Glasgow Royal Technical college; London University) U.K. (Massachusetts Institute of Technology; University of Michigan; Webb Institute of Naval Architechture) U.S.A.
	12	27	Metallurgical Engineering	2	M.Sc-Two years plus one year practical Training-	(Birmingham University; Leeds University; Sheffield University; Durham University) U.K. (Rensselaer Polytechnic Institute; Prudue University; Massachusetts Institute of Technology; Michigan college of Mines and Metallurgy; Pennsylvania state college; Missouri school of Mines; University of California) U.S.A.
M	13	28	Meteorology	2	M.Sc-or other Degree-2 years-	(Imperial college of Science and Technology, London; Cambridge University; Oxford University; Aberdeen University) U.K. (Pennsylvania State college; University of California Los Angeles; Massachusetts Institute of Technology; University of Wisconsin; California Institute of Technology; New York University; Chicago University) U.S.A.
N	14	30	Navigational Research	2	M.Sc or PhD-Two years.	(University college, Southampton; Robert Gordon's Technical College, Aberdeen; Royal Technical college, Glasgow) U.K. (United states Merchant Marine Academy King's Print, New york; Tennessee University).
X	15	31	Paints.	2	M.Sc or PhD-2 years one year Practical	University; Wayne University; Brooklyn Pittsburgh University; Massachusetts Institute

1	2	3	4	5	6
					Technical Institute, 122 East, 42nd Street; Purdue University ; John Hopkins University; Booklyn Polytechnic)U.S.A.
17	33	Pulp and Paper	2	M.Sc or P.hd-Two years plus one year practical.	(Manchester college of Technology; Borough Polytechnic, Borough Road, London S.E.I; Battersea Polytechnic, London) U.K. (Paper Institute,(Appleton,Wisconsin); University of Maine; University of Wisconsin; Duke University; University of California; University of Washington; Orgeon state college; Case School of applied science).U.S.A.
18	34	Radio Engineering (a) Acoustical Engineering with special application to Broad cast studios.	4	M.Sc-2 years plus one year practical.	(London University; Northampton Polytechnic; Manchester University; Sheffield University; Marconi Institute; B.B.C., London; Imperial college of science and Technology; Further Experience at one of the stations of B.B.C.) U.K.
		(b) Aeronautical Radio Engineering	4	M.Sc-2 years plus one year practical.	
		(c) Broad Cast Transmission	2	M.Sc-2 years plus one year practical	(Purdue University; University of Minnesota; Massachusetts Institute of Technology; Case School of Applied Science; Ohio State University; Stanford University Columbia University; Universal of South Carolina (for Broadcasting); University of Michigan (Michigan state college of Applied science); New York University; University of Cincinnati; Lehigh University State college of Washington; Bronklyn Polytechnic (wire and wireless Broad casting) U.S.A.
		(d) Wire and Wireless Engineering with special application to broadcast line net works.	2	M.Sc-2 years plus one year practical-	
P.	19	35 Textile Technology-	3	Any Degree plus one year practical	(Leeds University; Manchester University; Nottingham University; Leicester college of Technology; Bolton Technical college) U.K. (Lowell Textile Institute; Massachusetts Institute of Technology; North carolina state college, Georgia school of Technology; Clemson Agricultural college)U.S.A.
G	20	36 Food Technology with special reference to Bakery (bakery) and Biscuit making. (biscuit)	3	Diploma course of two years-	(Royal Technical college, Glasgow; Manchester Municipal college of Technology) U.K. Illinois Institute of Technology; California University; Maryland, University of; Orgeon state college; Minnesta University; Massachusetts Institute of Technology)U.S.A.

RA/23.12.

SNR 27/12

(PTO

102

52

ENCLOSURE. (In triplicate).

Subject.	Exact branch of subject.	Number of scholarships.	Nature and duration of training.	Institution or and country where it is desired that training should be arranged.
(1)	(2)	(3)	(4)	(5)
H. Forestry	General Forestry. (with a view to appointment as Assistant Conservators of Forests on completion of the training).	Two.	Two years. (Normal 3 years course shortened to two years).	University of Edinburgh (United Kingdom).

Note: One more scholarship was sought for a candidate to be trained first in Forestry and then in the Chemistry of Forest Products in the United kingdom subsequently, it has been ascertained from Prof. Stebbing of the Edinburgh University that no course in the chemistry of Forest Products is offered in the United Kingdom. Government have addressed the Government of India for information whether United States of America can offer training in this subject, what the duration of the training is, and what are the qualifications required of a candidate to undergo this training (Government's letter No.66457-C/46-4, Development, dated 6-12-46) Government of India's reply is awaited.

3/4

for Chief Conservator of Forests.

SMR/24-12-46.

103

Special

T.M 104 BPH C2

53

From
The Secy E.H.

To
The ~~D.P.S~~

Overseas Scholarships - 1947-48
Submission of 'A' return to
the Govt. of India.

This Dept. memo. ~~S.D.~~
55453 C2/46-2 dt 2/10/

dpd
17/1

Please send very urgently the particulars regarding detailed Courses of Studies names of institutions etc. in the form specified in para 3 of the memo. cited., in respect of the 9 Scholarships ~~allotted~~

Issued
17/1/47

105/

mentioned in Appendix I to the advertisement sent to ~~the~~ you with G.O. no. 55 Edn dt 11.1.47.

TNB
17.1.47

B.O

P.C. to go.

106/ 312

B. T. B. INDIAN POSTS AND TELEGRAPHS DEPARTMENT. No.

Recd at ____ H. ____ M.	Sent at ____ H. ____ M.	Office Stamp.
From ____	To ____	
By ____	By ____	

ASST. SECRETARY TO GOVERNMENT 5057 24 JAN 1947 EDUCATION AND PUBLIC HEALTH DEPT.

X XE NEW DELHI 23 STE 44 EDHEALTH MADRAS

= F-1/1/47/- CDIV OVERSEAS SCHOLARSHIPS 1947-48 AAA KINDLY

REFER THIS DEPARTMENT MEMORANDUM EVEN NUMBER NINETEENTH DECEMBER AND EXPEDITE

SUBMISSION INFORMATION CALLED FOR THEREIN IN SEPARATE STATEMENTS IN

TRIPLICATE FOR UNITED KINGDOM UNITED STATES OF AMERICA CANADA AUSTRALIA NEW

ZEALAND AAA = EDUCATION =

Eden. Press, Calcutta—No. 25 (5167/B-89)—1.8.45—50,000. Bks.

SIE Special

167

Ed. H Dept
92

Depd 27/1/47

From
The Secy, EdH

To
The D.P.I.

Sub:- Overseas Scholarships 1947-48 - 'A' return to the G. of India.

Ref:- Memo No. 55453 Cx/46-2 dtd 2.10.46 and T.M. dated 17.1.47

Please send quickly the Particulars re. courses of studies, names of institutions etc. ~~for the G of scholarships (1947-48) to be awarded in 1947-48~~, ~~relating to~~ in respect of the G overseas Scholarships 1947-48, allotted to Education Dept. ~~The G. of India have~~ ~~asked for~~ The particulars may please be furnished in ~~two~~ one separate statements for United Kingdom and another for U.S.A.

27/1/47

Received 30/1/47

Dis and repln 27/1/47

P.C. to go

IIB 27/1/47

108

Cx/55

EDUCATION DEPARTMENT.

FROM

DR. S.R.U. SAVOOR, M.A., D.Sc., I.E.S.,
DIRECTOR OF PUBLIC INSTRUCTION, MADRAS

TO

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
EDUCATION AND PUBLIC HEALTH DEPARTMENT,
FORT ST. GEORGE, M A D R A S.

R.O.C.No. 8375-E3/46 dated 30th January 1947.

SIR,

OVERSEAS SCHOLARSHIPS--for higher studies in Technical and Scientific subjects--1947-48.
Reference:-Your post copy of telephonic message dated 27..1..1947.

I have the honour to submit herewith a statement showing the names of institutions giving advanced training in various subjects of studies in the United Kingdom and the United States of America. They have not been arranged in any Order of precedence, as it is not only difficult to discriminate between one University and another, but as it is also difficult to secure accommodation in them.

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

For Director of Public Instruction.

ASST. SECRETARY TO GOVERNMENT EDUCATION, HEALTH AND PUBLIC HEALTH DEPTS. 1 FEB 1947 2571

TMP 1/2

ks.30-1.

P 107 and P 112 infra

(5e) 110

COPY of letter dated 3-12-1946 from the Secretary to the Govt. of India, Education Department, New Delhi, to the Director of Public Instruction, Madras.

I am directed to send herewith a list of the names of some of the suitable institutions in the U.K. and the U.S.A. giving required training in the subjects mentioned in the letter quoted above.

2. While an effort has been made to include in the accompanying list as many well known institutions in each of the subjects as possible, it is necessary to emphasise that the list is not a complete one; nor is it a select one in the sense that all the institutions excluded from it are in any way less suitable for Indian Scholars. It is obviously impossible, for considerations of space, to give the names of all suitable institutions in each of the subjects in the list.

3. The names of the institutions in the list have not been arranged in the order of preference. It is not possible to do so without making invidious distinctions between the various institutions.

4. In the subject of Civil Engineering all the British institutions mentioned in the list give general courses which cover all its fields of specialisation like Dam Design, Highway Engineering and Surveying, etc. Among the American institutions mentioned in the list for the same subject some specialise in the given fields of specialisation as indicated in the list. The other institutions not indicated as such give general courses in Civil Engineering including all its fields of specialisation.

5. x x x

6. As regards the type of courses available in the various institutions mentioned in the attached list it may be pretty safe to generalise that almost all of them offer advanced post-graduate courses leading to Master's and Doctor's degrees. Regarding the duration of such advanced course it may be mentioned that as a general rule a first class graduate of a recognised Indian University can take Master's degree in two years and Doctor's degree in three years in any of the British or American Universities.

------ooo-------

STATEMENT SHOWING INSTITUTIONS GIVING ADVANCED TRAINING IN VARIOUS SUBJECTS OF STUDIES.

.....

Subject.	Names of institutions in the U.K.	Names of institutions in the U.S.A.
A. Civil Engineering- (i) Dam Design. (ii) Surveying	(1) Aberdeen University. (2) Bristol University. (3) Edinburgh University. (4) King's College, Durham University. (5) Leeds University. (6) London University. (7) Sheffield University. (8) Manchester University. (9) Liverpool University.	(1) Massachusetts Institute of Technology (Dam Design). (2) University of Pennsylvania (Dam Design). (3) Columbia University (Dam Design). (4) Tennessee University (Dam Design). (5) Purdue University (Highway). (6) University of Michigan (Highway). (7) Iowa State College (Highway). (8) Texas Agricultural and Mechanical College (Highway). (9) University of Illinois. (10) University of Wisconsin. (11) University of Iowa. (12) University of Colorado. (13) University of California (14) California Institute of Technology. (15) Georgia School of Technology. (16) University of Minnesota. (17) University of Nebraska. (18) University of Texas. (19) Cornell University. (20) Ohio State University. (21) New York University.
B. Electrical Engineering.--	(1) Aberdeen University. (2) Bristol University. (3) Edinburgh University. (4) King's College, Durham University. (5) Leeds University. (6) London University. (7) Manchester University. (8) Sheffield University.	(1) Iowa State University. (2) Washington University - St.Louis. (3) University of Chicago. (4) Catholic University. (5) Stanford University. (6) Purdue University. (7) Rensselaer Polytechnic University. (8) Ohio University. (9) California Institute of Technology. (10) University of California (11) Illinois Institute of Technology. (12) Massachusetts Institute of Technology. (13) Brooklyn Polytechnic.

Subject.	Names of institutions in the U.K.	Names of institutions in the U.S.A.
C. Mechanical Engineering--	(1) Aberdeen University. (2) Belfast, Queen's University. (3) Bristol University. (4) Edinburgh University. (5) London University. (6) Manchester University. (7) Sheffield University. (8) Birmingham Univy. (9) City & Guilds Engineering College (10) King's College, Durham University.	(1) California Institute of Technology. (2) Cornell University. (3) Illinois, University of. (4) Michigan, University of. (5) Ohio State University.
D. Nursery Education-	(1) National Froebel Foundation, London. (2) Montissori Training School, London. (3) Institute of Education, London. (4) University of Manchester.	(1) Purdue University. (2) University of Iowa. (3) The Merril - Palmer School, Detriot. (4) Western State of College of Colorado.
E. Physical Education-	(1) London University. (2) Chelsea Polytechnic. (3) Bristol University. (4) Leeds University. (5) University College of Wales, Aberystwyth. (6) University College of North Wales, Bangor. (7) University College of Nottingham. (8) Aberdeen University. (9) Edinburgh University.	(1) Indiana University. (2) State University of Iowa (3) Columbia. University of Oregon. (4) Columbia University. (5) Northwestern University. (6) Cornell University. (7) George Washington University. (8) Ohio State University. (9) Boston University. (10) University of Cincinnati (11) Pennsylvania State College. (12) University of Colorado. (13) University of Illinois. (14) University of Kansas. (15) University of Minnesota. (16) University of Michigan. (17) University of Missouri. (18) University of Nebraska. (19) University of Wisconsin.
F. Teachers Training-	(1) London University. (2) Leeds University. (3) Edinburgh University. (4) Birmingham University. (5) Bristol University. (6) Liverpool University. (7) Durham University	(1) Teachers College, Columbia University. (2) Harvard University. (3) University of Illinois. (4) University of Pennsylvania. (5) University of Minnesota. (6) Ohio State University. (7) Georgia Peabody College for Teachers. (8) Catholic University. (9) Michigan University. (10) University of Iowa. (11) Purdue University. (12) University of Chicago.
G. Vocational Education.--	Particulars are still awaited from the Students Information Bureau of the Madras University and the Overseas Information Bureau of the Govt. of India, Education Department.	

B.T.B. INDIAN POSTS AND TELEGRAPHS DEPARTMENT. No.

Recd. at ____ H. ____ M. | Sent at ____ H. ____ M. | Office Stamp.

From ____ | To ____

By ____ | By ____

9638

X XE NEW DELHI 3 STE 51 DHEALTH MADRAS

VR -1/1/47 - O D PROVINCIAL OVERSEAS SCHOLARSHIPS 1947/48 AAA

PLEASE REFER THIS DEPARTMENT TELEGRAM OF EVEN NUMBER TWENTY THIRD ULTIMO AND

FURNISH INFORMATION CALLED FOR IN THIS DEPARTMENT MEMORANDUM EVEN NUMBER

NINETEENTH DECEMBER IN SEPARATE STATEMENTS IN TRIPLICATE FOR UNITED KINGDOM

UNITED STATES AMERICA CANADA AUSTRALIA AND NEWZEALAND : EDUCIND :

V. Urgent 64-66 7/2

Edn. & P.H. Depot

Letter No. 55453 C2/46-20 Edn.; dt 6/2/47

To

The Secretary to the Govt. of India,
Depot. of Education,
New Delhi, 3. (with encl.)

3 dupls

dispatched 6/2

Please type 5 copies of Statements

58 cf

113

3 Copies of statements

Sir,

Overseas Scholarships - 1947-48.

Ref:- From the Govt. of India, Edn. Depot, Memo. No. F. 1-1/47-OD IV dt 19.12.46

I am directed to furnish herewith the information called for in the Govt. of India memo. cited above regarding the detailed courses of Studies, names of institutions etc. suggested for the overseas Scholars to be sponsored by this Govt in 1947-48. The particulars are furnished in two

Separate lists one for the U.K. and the other for the U.S.A., each list in triplicate.

TMB
3.2.47

BM
5/2/47

y.o.s.

I am to state that for various subjects institutions in both the U.K and the U.S.A. have been suggested and that in these cases admissions available in either of these Country will be accepted by this Govt.

TMB
6.2.47

BM
6/2/47

y.o.s.

M
6/2/47

Appendix I. — United Kingdom. — STATEMENT I

1 Sl Nos	2 Subject	3 Exact Branch of Subject.	4 No of Scholarships	5 Nature and duration of study	6 Institutions and Country where it is desired that the Course of study should be arranged.	7 Nature and work the Candidate will be required to do on return from abroad.
A (iii)	Civil Engineering	i) Dam Design ii) Surveying	1 1	Two years training for M.Sc degree preferably research with practical experience during the Six months of vacation	Aberdeen university Bristol university. Edinburgh University Kings College Durham university. Leeds university London university Sheffield university Manchester university Liverpool university.	For supplying the teaching personnel in the Engineering Arts and other professional Colleges.
B	Electrical Engineering	Generation Transmission and utilization of electric power.	2	do	i) Aberdeen Uty: Bristol Uty: Edinburgh Uty: Kings College, Durham Uty: Leeds Uty: London Uty. Manchester Uty: Sheffield Uty:	do.

1	2	3	4	5	6	7
C	Mechanical Engineering	Heat and Hydraulics Engineering	1	Two years training for M Sc degree preferably research with practical experience during the 6 months vacation or Ph D.	Aberdeen Uty, Belfast Queens Uty: Bristol Uty: Edinburgh Uty: London Uty: Manchester Uty: Sheffield Uty: Birmingham Uty City and Guilds Engineering College, Kings College Durham Uty:	do.
D	Nursery Education		1	Particulars will be sent later.	National Froebel Foundation London Montessori Training School London. Institute of Education London. Uty of Manchester	do.

p76 CF

p76 CF

p 114 CF

PTO

1	2	3	4	5	6	10
E	Physical Education		1 (12)	Two years degree Course. p76 CF	London uty: Chelsea polytechnic, Bristol uty:, Leeds uty:, uty College of Wales. Aberystwyth, uty: College of North Wales Bangor. uty: College of Nottingham. Aberdeen uty: Edinburgh uty:	do.
F	Teacher's Training	~~Training~~ Educational Psychology	1	2 years Diploma or Degree & Course ~~Particulars with be sent later~~ p65 CF	London uty: Leeds uty: Edinburgh uty: Birmingham uty: Bristol uty: Liverpool uty: Durham uty:	do:

12 / p114 CF

p70

(1)

(13) United Kingdom.

S. C. No.	(2) Subject	(3) Exact Branch of Subject	(4) No: of scholarships	(5) Nature and duration of Study	(6) Inst: and Country where it is desired that the Course of study should be arranged.	(7) Nature of work the Candidate will be requested to do on return from abroad.
B	Applied Physics	Electronics.	1	M. Sc: or Ph. D. Two years plus one year practical	London University; Glasgow University; University College Dublin; Cambridge University Leeds university.	The Candidate is intended to be absorbed in the industries (Govt and private enterprise.
e	Chemical	Engineering	1	do	manchester University Glasgow University London university City and Guilds College of Engineering London. Imperial College London.	do:

p94 of

p10

(1)	(2)	(3)	(4)	(5)	(6)	(7)
K(i)	Industrial and Applied chemistry.	(1) Industrial and Applied chemistry	1	M.Sc. or Ph.D. two years.	Birmingham Uty: Glasgow Uty: Edinburgh Uty: Liverpool Uty Imperial College London College of Technology Manchester	do.
					Leeds Uty: Battersea Polytechnic London; Northampton College of Technology.	
K(ii)	do.	Tanning, Currying and Leather Technology.	1	M.Sc. two years plus one year practical	1 Leeds Uty: 2 Manchester Uty: 3 Leather Seller's Company's Technical College, Tower Bridge Road Bermondsey London, S.E.1.	do.

126 → 146

(44)

P96 of

PTO

(1)	(2)	(3)	(4)	(5)	(6)	(7)
K (ii)	Industrial and Applied Chemistry	Printing and Reproduction.	1	Diploma or Degree two yrs plus one year practical.	London School of Printing and Kindred Trades; Leeds College of Technology Manchester Univ: Heriotwatt College, Chambers Street Edinburgh, Trades Technical College Leeds.	do.
L	Mercantile marine Engineering.	Engineering Side	1	Diploma or Degree two yrs plus one year practical	Glasgow Univ: University College of South Wales and Monmouth Shire Cardiff. Durham Kings College New Castle; Liverpool Univ: Armstrong College, Durham, with practical Training at Watson's Shipway and Engineering Coy:, North Eastern Marine Company; Armstrong Whiteworth Ship builders Ltd: (continued	do.

page cf

P 78

(1)	(2)	(3)	(4)	(5)	(6)	(7)
				(65)	Swan Hunter and Wigham Richardson Ltd: Hawthorn Leslie Coy: at Glasgow Royal Technical College; London University.	128 / 128
M.	Meteorology	1	M.Sc or other Degree - 2 yrs.		Imperial College of Science and Technology London; Cambridge Uty: Oxford Uty: Aberdeen Uty:	do: page
N	Navigational research	1	M.Sc. or Ph.D. two years.		University College, Southampton; Robert Gordon's Technical College Aberdeen; Royal Technical College Glasgow.	do:

PTO

(1)	(2)	(3)	(4)	(5)	(6)	(7)
P. 128	Textile Technology.	1	Any Degree plus one year practical.		Leeds Uty: Manchester Uty: Nottingham Uty: Leicester College of Technology. Bolton Technical College.	do.
G	Food Technology special reference to Bakery and Biscuit making	1	Diploma Course 2 2 yrs.		Royal Technical College; Glasgow. Manchester Municipal College of Technology.	p 100 cf do.
H	Forestry	Govt: Forestry	2	Two years (Normal three yrs Course shortened to two years.)	University Edinburgh	with a view to appointment as assistant Conservators of Forests on Completion of the training.
F.	Fisheries		1	M.Sc Two years	University College Southampton Aberdeen Uty: Kings College, Newcastle on Tyne (U.K) Trawlers at Grimsby & Hull (practical works) London Uty; Edinburgh Uty; Manchester Uty.	For absorption in industries (Govt and private enterprise).

p 102 cf

p 56 cf

P. 10

Appendix III

(1)	(2)	(3)	(4)	(5)	(6)	(7)
A	Civil Engineering - General.	(i) Sanitary Engineering - modern Sewage treatment and Sewage disposal	1	Post graduate study leading to M. Sc. degree - 2 years	Municipal College of Technology, Manchester.	For absorption in the Public Works, ~~Electricity and Highways~~ Dept.
	"	(ii) Architecture	1	2 years. A.R.I.B.A. exam:	University College London; Architectural Association School London; School of Architecture Liverpool.	do
B	Civil Engineering Highways - Construction -	(i) Bridging	1	Two years.	Imperial College of Science Technology London.	For absorption in the Highway ~~do~~ Dept.
	"	(ii) Low Cost Roads	1	Two years.	do	do.

Statement — II

132

1	2	3	4	5	6	(7)
Appendix I	Subject.	Exact Branch of Subject	No: of scholarships	Nature and duration of study	Inst: and Country where it is desired that the course of study should be arranged.	Nature of work the Candidate will be required to do on return from abroad.
A.O.	Civil Engineering	i) Dam Design	1	2 years training for M.Sc. degree preferably research with practical experience during the six months of vacation.	1) Massachusetts Institute of Technology 2) University of Pennsylvania 3) Columbia Univ. 4) Tennessee University 5) Purdue Univ 6) Univ of Michigan 7) Iowa State College 8) Texas Agricultural & Mech? College. 9) Univ of Illinois 10) Univ of Wisconsin 11) Iowa University. 12) ~~Colorado Univ.~~ 13) California Univ 14) California Inst. Inst of Technology. 15) Georgia School of Technology. 16) Univ of Minnesota. 17) Univ of Nebraska. 18) Univ of Texas. 19) Cornell Univ. 20) Ohio State Univ 21) New York Univ 22) ~~Iowa State Univ.~~	For supplying the teaching personnel in the engineering, Arts and other professional colleges.
		ii) Surveying	1			

P 7 of

P 1

B.	Electrical Engg.	Generation, transmission and utilization Electric Power	2	2 yrs. trg. for M. Sc. Degree preferably research with practical experience during the Six months of Vacation.	1) Iowa State Univ 2) Washington Univ, St. Louis 3) Univ of Chicago. 4) Catholic Univ 5) Stanford Univ 6) Purdue Univ. 7) Rensselaer Polytechnic Univ 8) Ohio Univ 9) California Institute of Technology. 10) Univ. of California 11) Illinois Univ Institute of Technology. 12) Massachusetts Institute of Technology. 13) Brooklyn Polytechnic.
C	Mechanical Engg — Heat and Hydraulics Engg.		1	2 yrs. trg. for M.Sc. degree preferably research with practical experience during the 6 mths. of Vacation; or Ph. D.	1) California Institute of Technology. 2) Cornell University 3) Illinois Univ. 4) Michigan Univ. 5) Ohio State Univ.

D	Nursery Education.	18	Particulars will be sent later.	1) Purdue Uty 2) Iowa Uty. 3) The Merril - Palmer School Detroit. 4) Western State College of Colarado. — do —
E	Physical Education	1	2 yrs. degree course	1) Indiana Uty. 2) State University of Iowa, Columbia. 3) Uty. of Gregon. 4) Columbia Uty. 5) North Western Uty. 6) Cornell Uty. 7) George Washington Uty. 8) Ohio State Uty. 9) Boston Uty. 10) University of Cincinnatti 11) Pennsylvania State College. 12) University of Colarado. 13) Uty of Illinois. 14) University of Kansas. 15) Uty of Minnesota. 16) Uty. of Michigan 17) Uty. of Missouri 18) Uty. of Nebraska. 19) Uty of Wisconsin! — do —

F.	Teachers Train -ing	Educational Psychology.		2 years diploma or degree Course.	1) Teachers College Columbia Uty 2) Harvard uty. 3) Uty of Illinois 4) uty of Pennsylvania 5) uty of Minnesota 6) Ohio state uty: 7) Georgia Peabody College for teachers 8) Catholic uty: 9) Michigan uty: 10) Uty of Iowa 11) Purdue uty 12) Uty of Chicago	——do
G:	Vocational Educational	manual training Subjects with spl: emphasis on weaving	1	Two years diploma course at the city and Guilds institute with practical experience of work-shops during 6 months vacation.	Particulars will be sent later	——do——

A	Cinematography	Sound recordist	69	Any degree in Sound Physics	1) Case School of Applied Science U.S.A.	For absorption in industries (Govt. and private enterprise)
B	Applied Physics	(Electronics)	1	M.Sc. ~~or Ph.d~~ : Ph.D - 2 yrs plus one year practical	1) California Institute of Technology; 2) Columbia uty: 3) Cornell uty: 4) Harward uty: 5) Massachusetts Institute of Technology 6) Pennsylvania uty: 7) California uty 8) Chicago uty: 9) Illinois uty: 10) Wisconsin uty.	— do —
C)	Chemical Engineering		1	— do —	1) uty of Michigan 2) Columbia uty. 3) California institute of technology. 4) Carnegie institute of technology. 5) Illinois uty of Pennsylvania State College 6) uty of ~~wisconsin~~ Wisconsin. 7) Massachusetts Institute of technology.	— do —

D	Educational administration	Specialization in various aspects e.g: Recreation and Social activities and juvenile employment.	1.	Diploma or degree 2 years	1) Teachers College, 2) Columbia Uty: 3) Harvard Uty 4) Uty of Illinois. 5) Uty of Pensylvania 6) Uty. of Chicago. 7) Stanford Uty. 8) Columbia Uty Teachers College, 9) New York Uty.
E	Fertilizers	Chemical Plant Maintenance	1.	2 years trg - one year of which may be advanced course in chemical Technology.	Particulars will be sent later
F.	Fisheries		1	* M.Sc. 2 years	1) Cornell Uty 2) Stanford Uty 3) Harvard Uty 4) Uty of Michigan 5) Uty of Washington 6) Washington School of Fisheries, Seattle, Washington 7) Palo Alto, California 8) Ithaca, New York 9) Indiana Uty Bloomington Indiana 10) Uty of Wisconsin 11) Madison, Wisconsin. 12)

—do—

—do—

G	Food Technology with special reference to bakery and biscuit making	1	Diploma Course for 2 years. (70)	1) Illinois Institute of Technology 2) California Univ: 3) Univ: of Maryland 4) Oregon State College 5) ~~Minnesota~~ Minnesota Univ: 6) Massachusetts Institute of Technology.
~~H~~	Forestry	2	2 years (Normal 3 years Course shortened to 2 years)	

P.T.O.

128

J	Geophysics	1	M Se & Ph D 2 years.	1) Colorado School of mines 2) Columbia Uty: 3) Harward Uty: 4) Minnesota Uty: 5) Princeton Uty: 6) St Louis Uty: 7) Uty of California, 8) Massachusetts Institute of Technology 9) Uty of Wisconsin	—do—
K	Industrial and Applied Chemistry	(i) Instrial and applied Chemistry 1	—do—	1) Cornell Uty; 2) Columbia Uty: 3) Massachusetts Institute of Technology. 4) Uty: of Illinois 5) Uty of Buffalo 6) Pratt Institute Brooklyn; 7) Uty: of North Carolina 8) Stanford Uty: 9) Texas ~~Uty~~: Agricultural and Mechanical College 10) Louisiana State Uty: 11) Oklahoma Uty: 12) Western Reserve Uty: 13) Uty of Texas. 14) Kansas State College 15) Manhattan, Kansas. Purdue Uty 16) Minnesota Uty:	—do—

K	——do——	(iii) Printing and reproduction	1	Diploma or Degree 2 yrs plus one year practical	Nil		—do—
K	——do——	(iii) Tanning currying and leather technology	1	M Sc — 2 yrs plus one year practical	Nil		—do—
L	Mercantile marine engineering	Engineering side	1	Diploma or degree — 2 yrs plus one year practical.	1) Massachusetts Institute of Technology. 2) Univ: of Michigan 3) Webb Institute of Naval architecture.		——do——.

M.	Meteorology	1	M.Sc. or other degree - 2 yrs	1) Pennsylvania State College 2) Univ: of California Los Angeles 3) Massachusetts Institute of Technology 4) Univ: of Wisconsin 5) California institute of Technology. 6) New York Univ: 7) Chicago Univ:	—— do ——
N	Navigational Research	1	M.Sc. or Ph.D. - 2 years	1) United States Merchant Marine Academy, King's Point, New York. 2) Tennessee University.	—— do ——
P	Textile Technology	1	Any degree plus 1 year practical.	1) Lowell Textile Institute. 2) M. I. T. 3) North Carolina State College, Georgia School of Technology 4) Clemson Clemson Agricultural College.	

P.T.O.

B	Civil Engineering – Highways – Construction –	i) Bridging	1	2 years	1) M. I. T. 2) Cornell University or any other suitable institution.	For absorption in the Public Works (Highways) Department.
		ii) Low Cost Roads	1	——do——	——do——	——do——

P.T.O.

U.S.A

(2) Subject	(3) Exact Branch of Subject	(4) No: of scholarships	(5) Nature and duration of study	(6) Institutions and Country where it is desired that the course of study should be arranged	(7) Nature of work the Candidate will be required to do on return from abroad.
A Cinematography	Sound recording	1	Any degree in Sound Physics – 2yrs plus one year practical	Case School of Applied Science. U.S.A	For absorption in industries (Govt and private Enterprise).
C Civil Engineering – Irrigation	(i) Constructional methods with spl: reference to irrigation structures. ← a) masonary dams and other structures including reinforced concrete b) earthern dams flood protective works and canals. c) Tunnels aqueducts caissons etc:	1	M.Sc 18 months practical training and 6 months tour of interesting constructions in progress.	The Educational Advisor U.S.A., may be requested to select Suitable institutions for the purpose.	For absorption in the Public works (Irrigation) Dept.
	(ii) Structures with spl: reference to irrigation and flood control works and testing of materials	1	do	do	do.
	(iii) Soil mechanics with its application of design of irrigation works	1	do	do	do.

65/2/2

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Dp
6/2

(74) Draft II 146 25

E.P.H. Depn
C2

Memo no. 55453 C2/46-21 Edn dt 6/2/47

Overseas Scholarships - 1947-48 -
Names of institutions, courses of
studies etc.

Ref:- Correspondence ending with letter from
the D.P.I., No. 8375-E3/46
dated 30.1.47.

The D.P.I. is requested to furnish the ~~particulars~~ names of institutions that may be suggested for advanced studies in "Vocational Education", as soon as particulars are received from the Overseas Information bureau.

The Director is also requested to state the nature and duration of

training required to be arranged for the candidate to be Sponsored in "Nursery Education"

TMB 6/2/47

DPM 6/2/47

To The D.D.I. dpw

cf X'ap 96 CF

Dev. no. dpw

pp90-102 CF

Draft III 148 E.P.H. Depot

C2

U.O Note No. 55453 C2/46-22 Edn dt 6/2/47

Overseas Schdarships - 1947-48 - Names of institutions, Courses of studies &c.

Ref - Devt. u.o. note No. 72934 D1/46-9 dt 10.1.1947

The Devt. Dept. may be requested to ~~furnish the indicate the exact~~ names of institutions where it is desired that training should be arranged for the candidate to be Sponsored in ~~1947-48~~ 1947-48 for advanced studies in "Fertilizers — Chemical Plant Maintenance".

TMB 6.2.47

DPM 6/2/47

By Air Mail.

ASSISTANT SECRETARY TO GOVERNMENT
23 FEB 1947
EDUCATION AND PUBLIC HEALTH DEPARTMENT

No.F.4-2/47-C.D.IV.
Government of India.
Department of Education.
New Delhi 3, the 14th February, 1947.

From

Sir John Sargent, C.I.E., M.A., D.Litt.,
Secretary to the Government of India.

To 1.The High Commissioner for India,
India House, Aldwych, London W.C.2.

2.His Majesty's Charge d'Affaires for India,
Indian Embassy, Washington 8 D.C.

Scholarships for Advanced Studies abroad 1947-48 - Madras Provincial Government Scheme.

Sir,

I am directed to forward herewith for your advance information and commencement of preliminary enquiries a copy of the Government of Madras letter No.55453 C2/46-20 Education, dated the 6th February, 1947 together with a statement showing full particulars of the Overseas Scholarships which the Government of Madras propose to award in 1947-48.

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

Sd/- M. H. Rahman

for Secretary.

Copy to the Secretary to the Govt. of Madras, Education and Public Health Department, Madras. Reference his letter ~~of~~ noted above.

By order,

M Rahman

for Secretary.

NM

CV 152 Immediate

No.F.4-2/47 O.D.IV
Government of India,
Department of Education,
New Delhi 3, the 19th February, 1947.

ASST. SECRETARY TO GOVERNMENT
EDUCATION AND PUBLIC HEALTH DEPT.
4 FEB 1947

MEMORANDUM

Subject:- Scholarships for advanced studies Overseas 1947-48- Madras Provincial Government Scheme.

1.53 MS-119 Please

The undersigned is directed to refer to letter No. 55453 C2/46-20 Edn, dated the 6th February, 1947, from the Government of Madras and to request that particulars regarding nature and durations of study in respect of the subject "Nursery Education"and the institution and country in which training is desired in the subjects "Vocational Education" and "Fertilisers" may please be furnished to this Department immediately.

It is noted that for most of the subjects institutions in both the United Kingdom and the United States of America have been suggested and that in these cases admissions available in either country will be accepted by the Provincial Government.

For Secretary.

To

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

SRH/-

153

S 32-33

Very urgent

2 drafts

pp 146-147 cf

S/3

I (78)

154 ~~E.P.H Depts~~ E2

Memo no. 14737 C2-1/47 Edn dated 4.3.47

Overseas Scholarships 1947-48 — Names of institutions, Courses of Studies etc. — Nursery Edn & vocational Edn.

Ref:- ~~Corres~~ Memo. no. 55453 C2/46-21 Edn dt 6.2.47

The D.P.I. is requested to send his reply very urgently.

INS
4/3/47

DSM
4/3/47

To ✓
The D.P.I. dtr
(for)
Gpt

PTO

15

II

E & H. Dept
C2

U.O. Note No. 14737-C2-2/47, dated 4.3.47

V. urgent.

Overseas scholarships – 1947-48 –
Names of institutions, Courses of Studies etc.

Ref: U.O. note. No. 55453 C2/46-22
Edn dt 6.2.47.

pp 148 CF

The Govt. Dept. may be requested to send an early reply to the U.O. noted & cited above.

TNB
4/3/47

DPM
4/3/47

✓
Govt Dept
Edn.

C (79) 136

Education Department.

From

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

To

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

R.O.C.No.8375-E3/46 dated 10th March 1947.

SIR,

OVERSEAS Scholarships--1947-48--Names of institutions and courses of studies etc.

2058 9

pp 146-147 CF

With reference to Government Education and Public Health Department No. 55453-C2/46-2-1 Education dated 6.2.1947, I have the honour to submit herewith particulars required in respect of "Vocational Education" and "Nursery Education".

Vocational Education:

The following Universities in the U.S.A. are giving training in "Vocational Education".

1. The Cornell University
2. The Columbia University
3. The Buffalo University
4. Purdue University
5. California University
6. The University of Chicago
7. Rochester University
8. Stanford University.

The description of the courses given in the above Universities is given in the enclosed leaflet.

2. As regards similar information about the United Kingdom, a reference has been made to London, and the information will be submitted to Government immediately on receipt.

Nursery Education:-

The following institutions are selected for "Nursery Education" in the United Kingdom:

1. National Froebel Foundation, London
2. Institute of Education, London
3. Montessori Training School, London.

Particulars in regard to duration of the course etc. in the above institutions are appended separately.

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

ASST. SECRETARY TO GOVT. EDUCATION AND PUBLIC HEALTH DEPT
18 MAR 1947

For Director of Public Instruction.

Rs. x13.

P.T.O.

TNB
13/3

SCL
11/3.

UNIVERSITIES IN THE U.S.A. GIVING TRAINING IN VOCATIONAL EDUCATION.

1. THE CORNELL UNIVERSITY - offers a variety of courses in Industrial and Technical Education and provides technical and professional teachers. The courses afford facilities for study of development of instructional material, industrial and technical education in the U.S.A. administration of industrial and technical education, supervision of industrial and technical education, and current problems in industrial and technical education, with special reference to technical institute education.

2. THE COLUMBIA UNIVERSITY - affords facilities for a wide variety of courses, afternoon and Saturday courses, primarily for administrators on subjects like business and vocational education, administration of teachers colleges and schools of education, teachers' secondary school education, educational administration and organisation and functioning of programmes of higher education.

The Teachers' College of the Columbia University gives x courses in administrative problems in vocational education, and courses meant for Directors of vocational education and principals of vocational school.

3. THE BUFFALO UNIVERSITY - has programmes in the field of vocational education. These fields are: teaching, and guidance in administration of schools of various types.

4. PURDUE UNIVERSITY - offers courses in trade and industrial education with six options, out of these two lead to vocational and industrial art teaching positions. The University has been designated as a training centre for vocational teachers.

5. CALIFORNIA UNIVERSITY - gives special facilities for studies in the administration of vocational and special education.

6. THE UNIVERSITY OF CHICAGO - provides special professional courses for teachers in workshops.

7. ROCHESTER UNIVERSITY - has facilities for training in vocational education and educational and vocational counselling techniques.

8. STANFORD UNIVERSITY - Provides for the study of major administrative problems associated with the operation of school systems and for specialisation in many special fields of the subject.

II.

Copy of letter from the Secretary, University Students' Information Bureau, Chepauk, Madras dated 6th March 1947.

Reference:-Your Phone message of 28th Feb. 1947.

---

1. The Froebel Educational Institute, Training College for teachers, Grove House, Roehampton Lane, London, S.W.15.
Length of training:- The normal course of training begins in October and extends over three years.

Students who have gained partial qualifications either at a University or at another training college or who have special experience may, under certain circumstances, be able to take the course in two years.

2. Institute of Education, London:- The course for teachers' Diploma of the University of London runs from 2nd week in September until first week in July.

3. Montessori Training college:- For those holding an University degree there is a course for one year. For those not holding a University degree there are two courses (1) for a duration of three years and (2) for a duration of two years.

/True copy/.

FOR DIRECTOR OF PUBLIC INSTRUCTION.

---

2 drafts

Dy. 24/3

dpatched 26/3

Edn. & P.H. Dept. 150 C2

I 80

Letter No 55453 C2/46-24 dt. 22/3/47

To

The Secretary to the Govt. of India,
Dept. of Education, New Delhi 3
Copy 7 pp 156-157 CF (with encl.)

Sir,

Overseas Scholarships - 947-48 -

Ref:- from the Govt. of India, Dept. of Edn., No. F-4-2/47-OS IV dt 19.2.47

I am directed to enclose a copy of a letter dated 10.3.47 received from the D.P.I., Madras, containing the particulars regarding the nature, duration of Studies etc. in respect of the subjects "Nursery Education" and "Vocational Education". Particulars in respect of "Fertilizers" will be furnished to you shortly.

Yours faithfully,
for S.

TNB 19.3.47

BM 20/3/47

p 152 CF

pp 156-157 CF

U.O. note

II

Ed.H (C2)

Overseas Scholarships 1947-48.
Names of institutions Courses of Studies etc Suggested for "Fertilisers".

Ref: U.O. note No. 55453C2/46-22 Edn dt 6.2.47 and reminder dated 4.3.47.

The Devt. Dept. may be requested to expedite their reply to the U.O. note cited above.

TNB
19.2.47.

To

The Devt. Dept.

GOVERNMENT OF MADRAS
Development Department

U.O. Note No.14022-DI/47-3 dated 15th March, 1947.

Sub:- Education - Technical training abroad - Private candidates - Names of Institutions for ~~the~~ study in "Fertilizers - Chemical Plant Maintenance".

Ref:- Education & Public Health U.O.Note.No.55453-G/46-22 Edn dated 6-2-1947.

In reply to the U.O. note cited above, a list of institutions having facilities for training in "Fertilizers - Chemical plant Maintenance" appended to this U.O. Note may be forwarded to the Education and Public Health Department. There seems to be no specific course exclusively ~~directed~~ devoted to Chemical Plant maintenance. The authorities of the institutions should be addressed and special permission ~~to~~ obtained for the student to work in the Chemical Plant Sections.

APPENDIX.

UNITED STATES OF AMERICA.

1. University of California at ~~Berkely~~ Berkeley, California,

The elective system of studies is ~~follow~~followed by this University and the student can select the following subjects (a) Agricultural Chemistry (b) Soil Science (c) Agricultural Engineering. There are research facilities for advanced work.

Massachusetts

2. ~~Massachusetts~~ State College - The Stock bridge School of agriculture ~~Amherst~~, Mass, United States of America. This also follows elective system.

3. Purdue University, Lafayette, Indiana, United States of America.

Michigan

4. ~~Michigan~~ State College of Agriculture and Applied Science, Michigan, United States of America.

This is a State College having amenites for research in laboratories ~~for research in laboratories~~ for advanced work in soils, chemicals, plant maintenance, estate farming and allied subjects.

p.t.

UNITED KINGDOM.

1). London University - Imperial College of Science & Technology South Kensington, London, United Kingdom.

2) Edinburgh University, Scotland, United Kingdom.

3) Manchester University, Manchester, United Kingdom.

4) Macnuly Institute of soil research carigiebuckeler, Aberdeen, Scotland (For research work on soils fertilisers and chemicals)

5) Rothamsted Experimental Station, Harpenden, Harts, England.

K.G. Menon,
Joint Secretary to Government.

To the Education and Public Health Department.

Forwarded/By Order.

17/3/47
Superintendent
17/3/47

s.s.dram.17.3.

ASST. SECRETARY TO GOVT. MADRAS
26448
8 APR 1947
EDUCATION AND PUBLIC HEALTH DEPT.

No. F.4-2/47.O.D.IV.
Government of India.
Department of Education.
New Delhi 3, the 29th March, 1947.

_M E M O R A N D U M._

Subject:- Scholarships for advanced studies overseas 1947-48- Madras Provincial Government Scheme.

The undersigned is directed to refer to this Department memorandum of even No. dated 19th February, 1947 and to request that the information called for therein in respect of the subjects, nursery education, Vocational education and Fertiliser may kindly be furnished to this Department immediately.

M. U. Rahman
for Secretary.

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

ARS.

164 Edn. + P.H (C2)

Letr no. 55453C2/45-25 Edn. dt. 8-4-47.

To ~~Overseas &~~ (83)
The Secy. to the Govt. of India,
Dept. of Education, New Delhi 3
(~~with encl.~~)

Sir,

Overseas Scholarships - 1947-48 -
Your. no. F.4-2/47-OD II dt 29.3.47

Particulars in respect of the subjects "Nursery Education" and "Vocational Education" have already been furnished to you in this Dept. letr no. 55453C2/46-24 dt 22.3.47. I am now directed to furnish ~~the~~ below the ~~attached necessary~~ particulars in respect of "Fertilisers". I am

165

also to request you that as no specific
Course seems to be exclusively devoted to Chemical
Plant Maintenance in the institutions
mentioned, the Educational Liaison Officers abroad
may be asked to obtain special
permission for the student to work in
the Chemical plant Sections.

[H. E. appendix on pp 1-2 ante)

Y. O. S.

TJB
3/4/47

8/4/47

4/4/47

Note:- The main file is linked up in another file × now in O.M.

TJB
3/4/47

8/4/47

4/4/47

Bopal

× 1947-48 selections.

No.F.4-2/47 O.D.IV.

Copy to the Secretary to the Government of Madras, Education and Public Health Department, Madras, with reference to his letter No.55453 C2/46-24, dated the 22nd March, 1947. Please furnish this Department particulars regarding the subject "Fertilisers" immediately. It is presumed that the Provincial Government will adhere to the normal period of 2 years for which Overseas Scholarships are awarded in respect of the subject "Nursery Education" Kindly confirm.

By order,

M. N. Rehman
For Secretary.

SRH/-

Ed. H (C2)

A above Particulars have already been furnished to the Govt. of India vide letter on pages 5-6 ante.

Babne A reply may be sent to the G. of India on receipt of the main file from Circulation.

× Linked with 1947-48 Selections file

TJB
16.4.47

17/4/47

8/4/47

No.F.4-2/47 O.D.IV.

Copy to the Secretary to the Government of Madras, Education and Public Health Department, Madras, with reference to his letter No.55453 C2/46-24, dated the 22nd March, 1947. Please furnish this Department particulars regarding the subject "Fertilisers" immediately. It is presumed that the Provincial Government will adhere to the normal period of 2 years for which Overseas Scholarships are awarded in respect of the subject "Nursery Education" Kindly confirm.

By order,

M. H. Rahman
For Secretary.

SRH/-

E.H (C2)

A above Particulars have already been furnished to the Govt. of India vide letter on pages 163-165 ante.

Babove A reply may be sent to the G. of India on receipt of the main file from Circulation.

TNS 16.4.47

O&V 18/4/47

17/4/47

BY AIR MAIL.

ASST. SECRETARY TO GOVERNMENT EDUCATION AND PUBLIC HEALTH DEPT. 21 APR 1947 30276

NO.F.4-2/47-ODIV.
GOVERNMENT OF INDIA,
Department of Education,

NEW DELHI 3, the 17th April, 1947.

From

Sir John Sargent, C.I.E., M.A., D.Litt.,
Secretary to the Government of India.

To

(1) The High Commissioner for India,
Education Department, India House, Aldwych,
LONDON W.C.2.
(2) H.E. The Ambassador for India in the U.S.A,
Educational Dept., Indian Embassy, WASHINGTON D.C.8

SUBJECT: SCHOLARSHIPS FOR ADVANCED STUDIES OVERSEAS 1947-48 - MADRAS GOVERNMENT SCHEME.

Sir,

In continuation of para 2 of this Department letter of even number, dated the 10th April, 1947 I am directed to forward herewith a copy of the Government of Madras letter No. 55453-C2/45-25, dated the 8th April, 1947, wherein they have suggested institutions and country in which arrangements for advanced studies may be made in respect of the subject "Fertilisers" exact branch "Chemical Plant Maintenance".

pp 164-165 ante

As the Government of Madras state that no specific course seems to be exclusively devoted to "Chemical Plant Maintenance", in the institutions mentioned I am to request you to obtain special permission for the prospective student to work in the Chemical Plant Sections.

cf p 165 ante

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

Sd/-- M.H.Rahman.

for Secretary.

Copy for information forwarded to the Government of Madras, Education and Public Health Dept. Madras, with reference to his letter No.55453.C-2/45-25, dated the 8th April, 1947.

pp 164-165 ante

TNS 20/4

By order,

M. H. Rahman
for Secretary.

Edn. & P.H. Depts
C2

86 170

Letter no. 55453 C2/46-26 Edn dt 28/4/47

To

The Secretary to the Govt. of India,
Dept. of Education, New Delhi 3

Sir,

Overseas Scholarships — 1947-48 —

Ref:- Govt. of India, Edn. Depts. endt. no. F.4-2/47-OD IV dated 10.4.47.

I am directed to confirm that advanced studies for a total period of two years would be sufficient by Govt. for the candidates to be sponsored for the year 1947-48 for training in "Nursery Education".

Y. o. s.

TNB
26/4/47

M
28-4-47

M
28/4/47

Note:-

pp 166-167 CF

171

2

Note:- Please see 'P' on page 157 cf. Both the candidates recommended to the Govt. of India for the award of the Scholarship in "Nursery Education" are Honours graduates. They should be able to Complete the Courses within 2 years.

TMB
26/4/47

M
28-4-47

(M)
26/4/47

BY AIR MAIL.

172

No. F.4-2/47.O.D.IV.
Government of India.
Department of Education.

New Delhi 3, the 12th May, 1947.

From

Sir John Sargent, C.I.E., M.A., D.Litt.,
Secretary to the Government of India.

To 1. The High Commissioner for India,
Education Department, India House, Aldwych, London, W.C.2.

2. His Excellency The Ambassador for India in the United States of America, Educational Department, Indian Embassy, Washington, 8.D.C.

4888

Subject:- SCHOLARSHIP FOR ADVANCED STUDIES OVERSEAS, 1947-48 - MADRAS PROVINCIAL GOVERNMENT SCHEME.

.....

Sir,

In continuation of paragraph 1 of this Department letter of even No. dated 10th April, 1947, I am directed to state that the Government of Madras have confirmed that advanced studies for a total period of two years would be sufficient for the candidates to be sponsored by them in 1947-48 for training in, "Nursery Education".

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

sd/- M. H. Rehman

for Secretary.

.....

Copy forwarded for information to the Secretary, to the Government of Madras, Education and Public Health Department, Madras, with reference to his letter No. 55453 C2/46-26 Education dated 28th April, 1947.

By order,

M. H. Rehman
for Secretary.

TMB
17/5

ARS.

.....

E.P.H.(E2)

May be filed with the main file on its return from the P.W.D.

TMB
17-5-47

M
17/5/47

(M)
19/5/47

173

111

174

Education and P.H.(C.2.) Department.

VERY URGENT

23/4

MEMORANDUM NO. 24551 C2/47-3 DATED 23/4/47

Sub: Overseas Scholarships - 1947-48.

Ref: Govt. Memo No. 55453 C2/46-2 dated 2-10-46.
-do- No. 55453 C2/46-12 dated 29-10-46

--

The D.P.I. is requested to state urgently the maximum number of scholarships that may be awarded for each of the subjects included in Appendix I of the advertisement dated 9-1-47, copy enclosed.

To the D.P.I.(with enclosure)

Dated 24/4/47

TMB 22/4/47

MK 23/4/47

M 23-4-47

23/4/47

125

D.O. Director of Public Instruction
M a d r a s, 28th April 1947.

My dear Subramanian,

(81) 126

Overseas scholarships - 1947-48 -
Maximum number of scholarships
to be awarded in each subject.

...

file in Ct.

Please see Government Memorandum No.24551 C2/47-3, Education, dated the 23rd of April 1947. I have been asked therein to state urgently the maximum number of scholarships that may be awarded for each of the subjects included in Appendix I of the advertisement dated 9-1-1947. In Government Memo. No.55453 C2/46-16, Education, dated 4-12-1946, I was definitely informed that only 9 scholarships have been set apart for the Education Department and the notification has given the numbers against each one of the subjects. In view of this I am not able to understand exactly you want me to do.

Yours sincerely,

JOINT SECRETARY TO GOVERNMENT
20 APR 1947
EDUCATION AND PUBLIC HEALTH DEPARTMENTS

M.V. [illegible], I.C.S.
Secretary to Government,
Edn & Pub Health Department,
Fort St.George.

E.P.H.Dept.(C2).

D.O.No. 36272(a) C2/47-1 dt 30/4/47

Dear Dr. Savoor,

Overseas scholarships - 1947-48 - Maximum number of scholarships to be awarded in each subject.

Your D.O. dated 28-4-47.

--

The Government of India allotted 35 overseas scholarships for 1947-48 to this Province. This Govt. distributed 9 scholarships to the Education Department, 17 scholarships to the Development Dept., and 9 scholarships to the P.W.Department as shown in the Appendices to the advertisement. For each of these scholarships the Government have recommended to the Government of India two or more candidates indicating their order of preference. The Central Government would select one candidate for each scholarship. It is possible ~~in~~ for certain scholarships the Government of India might consider none of the candidates recommended by the Provincial Government as sufficiently qualified and for certain other scholarships they might find more than the required number of suitable candidates. The Government of India have therefore asked this Government whether we would agree to a scholarship being transferred from one subject, for which the Central Govt. do not consider any candidate sufficiently qualified, to another subject for which there may be more than the required number of suitable candidates, ~~If the Provincial Govt. would agree to this proposition,~~ the Govt. of India want to be informed of the maximum number of scholarships which may be awarded for each subject. It is in this connection you have been asked to indicate the maximum number of scholarships that may be awarded in each of the subjects mentioned in Appendix I of the advertisement. ~~It may be noted that the Govt. of India would not~~ I hope the position is now clear to you. Please ~~sent~~ I am to request you to furnish the required information urgently. Similar information was furnished to Govt. by you in connection with the scholarships awarded in ~~1946~~ 1946-47.

The Govt. of India would not increase the total number of scholarships allotted to this Govt. Any additions or alterations would be made only within the 35 scholarships allotted.

The statement should be prepared with an eye to the actual needs of the Edn.Dept.

Y. [illegible]. S.

Rao Bahadur
Dr. S.R.U. Savoor, M.A., D.Sc., I.E.S.,
D.P.I.

#179

Note:- The Devt. Deptt. have already furnished the necy. particulars regarding the maximum no. of Scholarships that may be granted in respect of each of the subjects included in Appx II of advt. The P.W. Deptt. have stated that "the maximum and minimum number of scholarships that may be awarded for each subject does not arise as only one scholarship has been recommended for each subject". ~~For~~ After issue of the D.O. to the D.P.I. ~~and a copy of this note~~ may be sent to P.W.D. and they may be requested to state whether it would be enough if only one scholarship for each of the 9 subjects mentioned in Appx III of the advertisement is indicated as the maximum ~~a statement to be sent to the Govt. of India.~~ A

TNB 29/4/47 — M 29-4-47

S/ P.W. 29/4/47

P.W.D. (a.c.k. of D.O.)

29/4/47

[Issued as D.O. No. 36272(a)C2/47-1 dt 30.4.47]

E.P.H. Dis. No. 36272(a)C2/47-2 30.4.47

P.W.D.

To A.S.

Please see the E & P.H. Deptt. note above. The Chief Engineers may be ~~asked~~ consulted on the point raised at 'A' above ~~therein~~. A draft memo is submitted.

SR 2.5.47 — Mem. 2.5.47 — M 2/5/47

PUBLIC WORKS DEPARTMENT GOVERNMENT OF MADRAS 1845

(Copy sent on receipt of reply)

180 180 C2/9

D.O. 37377

Office of the Director of Public Instruction, Madras 6, 1st May 1947.

My dear Subramaniam,

With reference to Government Memorandum No.24551 C2/47-3, Education & Public Health, dated 23rd April 1947 and your D.O.No.36272 (a) C2/47-1 dated 30th April 1947, I would suggest that we may ask for one more Scholarship in respect of -

APPENDIX I - A (ii) Surveying.

B. Electrical Engineering - Generation, transmission and utilization of electric power.

C. Mechanical Engineering - Heat and Hydraulics Engineering; and

F. Teacher's Training - Educational Psychology.

Yours sincerely,
S Ranganathan.

SECRETARY, EDN. AND P. H. DEPT. 2 - MAY 1947 GOVERNMENT OF MADRAS

To

M.V.Subramaniam, Esq., I.C.S.,
Secretary to Government,
Education & Public Health Department,
Fort St.George, Madras.

Ed. A (C2)

particulars are read This may lie over till reply from P.W.D. That Dept have been reminded today.

TNB 19.5.47 — M 19/5/47 — M 20/5/47

Very Urgent 3/5
Please issue today 2 PM
3/5

P.W.D.

Memo No. 1845-M/47-1 dated 3.5.47.

Sub: Overseas scholarship 1947-48 - Maximum number of scholarships to be awarded in each subject.

The Government of India have allotted 35 overseas scholarships for 1947-48 to this Province out of which 9 scholarships have been allotted to the Public Works Department. Two or more candidates have been recommended to the Govt. of India for each of these scholarships, indicating their order of preference. The Central Government ~~would~~ will select one candidate for each scholarship. It is possible that, for certain scholarships, the Government of India might consider none of the candidates recommended by this Government as sufficiently qualified and for certain other scholarships they might find more than the required number of suitable candidates. The Government of India have therefore asked whether this Government would agree to a scholarship being transferred from one subject for which the Central Government do not consider any candidate sufficiently qualified, to another subject for which there may be more than the required number of suitable candidates. The total number of scholarships allotted to this Province ~~would~~ will not be increased. The Government of India want to be informed of the maximum number of scholarships which may be awarded for each subject. The Chief Engineers (Gnl. B & D), (E), (I) and (H) are requested to furnish the information very urgently in respect of the subjects recommended by them.

To:
The C.E(Gnl., B & D)
The C.E(E)
The C.E(I)
The C.E(H).

25/4

2.5.47.
2.5.47
3/5/47

8/5/47.

183

ASSISTANT SECRETARY TO GOVERNMENT
MAY 1947
1978
PUBLIC WORKS DEPARTMENT

93/184

ELECTRICITY DEPARTMENT

The Chief Engineer for Electricity,
Chepauk, MADRAS.

To

The Secretary to Government,
Public Works Department,
MADRAS.

No.6382 E/46-20 Dt. 8.5.1947.

Sir,

SUB: Overseas Scholarship 1947-48 -
Maximum number of scholarships to
be awarded in each subject.

REF: Govt. Memo No.1845M/47-1 dt.3.5.47.

The maximum number of scholarships which may be awarded to each of the following two subjects recommended by me may be fixed at two:-

(i) Manufacture of electrical swtiches and accessories; and

(ii) Electric Traction.

N. Venkataraman
8/5/47

for CHIEF ENGINEER(ELECTRICITY)

185

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

To
The Secretary to Government
Public Works Department,
M a d r a s.

1982

Letter No. 1573 A1/47-HR dated 8-5-47.

Sir,

Sub:- OVERSEAS SCHOLARSHIP 1947-48 - MAXIMUM NUMBER OF SCHOLARSHIPS TO BE AWARDED IN EACH SUBJECT.

Ref:- Govt. Memo No. 1845 M/47-1, dated 3-5-47.

Scholarships for the following were proposed to be allotted to the Highways Department:--

1. Construction. Bridges.
2. Construction. Low cost Roads.

There is no objection to transfer the scholarship for one subject to the other, provided it is made available to the person who is deprived of the scholarship for the former and provided he is found suitable for the same. Since two scholarships have been allotted for Highways they may be made available for the two candidates who are selected for higher studies.

for Chief Engineer (Highways).

CGS/8-5

487

Special.

From

Office of the Chief Engineer, P.W.D.,
Genl.Bldgs. & Defence, Chepauk, Madras.

Letter No.2210-E-1/47-1 dated 10th May 1947.

To

Thiru R. McIntosh Esq., M.B.E., B.Sc.,
Chief Engineer, P.W.D.

The Secretary to Government,
Public Works Department.

ASSISTANT SECRETARY TO GOVERNMENT 2137 13 MAY 1947 PUBLIC WORKS DEPARTMENT

Sir,

Sub:- Overseas Scholarship - 1947-48 - Maximum number of Scholarships to be awarded in each subject.
Refce. P.W.D. Memo No.1845 M/47-1 d/3-5-47.

The two subjects noted in the margin* for which two Scholarships have been allotted for subjects relating to this Branch are really very important for this department's activities. There is a very great and urgent need in this Province for expert Sanitary Engineers and qualified Architects and the P.W.D. in the buildings and Public Health Branch are particularly in need of such qualified and experienced hands. As such I am unable to agree to any transfer or reduction or omission as far as the two subjects are concerned. Any interchange or reduction is also not possible so far as this branch is concerned, as only one candidate in each subject has been allotted and the subjects are such that there is a great and imminent need for foreign qualified hands in the two lines.

* (i) Sanitary Engineering - Modern Sewage treatment and sewage disposal.
(ii) Architecture.

The

-2-

The maximum number in each subject may however be taken as two.

for Chief Engineer, P.W.D.

pla/10-5-47.

T.M. No. 1845-M/47-2 dated 10-5-47 / P.W.D.

To:

The C.E. (Gnl) / C.E. (S).

Sub: Overseas Scholarship. 1947-48. Maximum number of Scholarships to be awarded in each Subject.

Ref: Memo No. 1845 M/47-1 dated 3.5.47

Please expedite your reply and say when it may be expected

Note: The replies of the C.E.S (G) and (H) have been received — vide pp 7 & 9 cf.

C.F. 304.

197

ASSISTANT SECRETARY TO GOVERNMENT
OFFICE
16 MAY 1947
PUBLIC WORKS DEPARTMENT
2/91

Hours Minutes

TELEPHONIC MESSAGE.

From: CE & Bts

To: Secy. PWD

Ref Govt Im no 1845 M/47 dated 10/5/47 regarding overseas scholarships 47-48 maximum no of scholarships to be awarded in each subject. Reply was sent in this office letter no 2210 F 1/47-I dated 10/5/1947

16/5

[Please write on both sides.

PUBLIC WORKS DEPARTMENT.

From Sri Rao Bahadur
L.R. Venkata Acharya, B.E. I.S.E.,
Chief Engineer, (Irrigation)
Chepauk, M a d r a s.

To
The Secretary to Government,
Public Works Department,
Fort St. George, Madras.

No. 4352/46 M.26 d/ 15-5-1947

Sir

ASSISTANT SECRETARY TO GOVERNMENT
16 MAY 1947
PUBLIC WORKS DEPARTMENT

Sub: OVERSEAS scholarship 1947-48 - Maximum number of scholarships to be awarded in each subject.

Ref: Government Memorandum No.1845 M/47-1 dated 3rd May 1947.

The three scholarships allotted to this branch out of the 9 scholarships for the Public Works Department were recommended to be assigned for the following three subjects in my letter No.4352/46 M.5 dated 26--11--1946.

1. Design of Dams and appurtenent works.
2. Constructional methods, with special reference to irrigation structures.
3. Soil mechanics with special reference to its application of design of irrigation works.

I wish that this branch should have the three scholarships as recommended already in my letter cited above and they should be allotted to candidates employed in the Public Works Department., who are recommended by the Chief Engineers as suitable for the award of the scholarship.

for Chief Engineer for Irrigation.

Copy to the Chief Engineer, General.

C2 Section
Special 4/25747/98/96

4387 9

9.10 AM
Nt Sd
K.D Advance
2 copies

INDIAN POSTS AND TELEGRAPHS DEPARTMENT

ASST. SECRETARY TO GOVERNMENT
05 MAY 1947
EDUCATION AND PUBLIC HEALTH

Charge to pay
Rs. | As.

Office Stamp
THYAGARAJANAGAR
25MAY47
TEL.

OFFICE.

This form must accompany any inquiry made respecting this telegram

Handed in at (Office of Origin).	Date	Hour	Minute.	Service Instructions	Words.
Simla		24	15	40	59

Recd here at H. M.

TO

Edhealth Ms Bgm

No-F-4-2/47-Ed-iv Refce your letter number 24551/SE-2/47-2 twenty-third april aaa kindly wire immediately to delhi address as precisely as possible the training you wish

NOTE.—The name of the Sender, if telegraphed is written after the tex.

PUBLIC WORKS DEPARTMENT.

From Sri Rao Bahadur
R. Venkata Acharya, B.A. I.S.E.,
Chief Engineer, (Irrigation)
Chepauk, Madras.

To
The Secretary to Government,
Public Works Department,
Fort St. George, Madras.

No. 4382/46 M.28 d/ 15-5-1947

Sub: OVERSEAS scholarship 1947-48 - Maximum number of scholarships to be awarded in each subject.

Ref: Government Memorandum No.1845 M/47-1 dated 3rd May 1947.

The three scholarships allotted to this Branch out of the 9 scholarships for the Public Works Department were recommended to be assigned for the following three subjects in my letter No.4382/46 M.8 dated 26--11--1946.

1. Design of Dams and appurtenant works.
2. Computational methods, with special reference to irrigation structures.
3. Soil mechanics with special reference to its application of design of irrigation works.

I wish that this Branch should have the three scholarships as recommended already in my letter cited above and they should be allotted to candidates employed in the Public Works Department who are recommended by the Chief Engineers as suitable for the award of the scholarship.

Copy to the Chief Engineer, General. for Chief Engineer for Irrigation.

97

188/99/86/

INDIAN POSTS AND TELEGRAPHS DEPARTMENT

(2)

NOTICE.

This form must accompany any inquiry made respecting this telegram

Charge to pay Rs. a

Office Stamp

THAYARAYANAGARAM TEL. 25 MAY 47

Handed in at (Office of Origin).	Date	Hour	Minute.	Service Instructions	Words.

TO

Recd here at H. 7 M. 35

wish

~~wish~~ candidates selected for vocational education manual training subjects and for navigational research to receive and also the nature of work which they are expected to ~~do~~ do on their return are = Educind:

N. B.—The name of the Sender, if telegraphed is written after the text.

485

V. Special

Ep. H
C2

T.M

From

The Secy, Ep.H Dept.

To

The D.P.I.

Sub:- Overseas Scholarships 1947-48

Ref:- your No. 8375 E3/46
dated 30.1.47 and 10.3.47.

Please ~~inform~~ state immediately as precisely as possible the training required to be given to the scholar to be selected in 1947-48 for the award of Scholarship in "Vocational Education - manual training subjects with special emphasis on weaving"

If possible, kindly send a reply before 5 P.M. today.

Dept Rec 265-47

pp 108-114 cf
pp 156-157 cf

Issued @ 3.15 pm
26/3/47

P.C. to go

TB
26/3/47

26/3/47

M.T

T.M. Despatched 22/5 119/245 14/28/5/47

T.M. 202 Dev Dept CNo 49(4)/0 Dt/47 202 101

From the Secy, Dev Dept.

To The Dt & C.

Subj Overseas Scholarships 1947-48.
Private candidates — 1947-48.

Ref Govt W.O Note T-2934 Dt/46-4 D 1-11-46.

Please state urgently as precisely as possible the training required to be given to the scholar to be selected in 1947-48 for the award of Scholarships in 'Navigational Research' as no definite information is available in the 'A' return furnished by you on the subject. Dt 27/5/47. Please indicate also the nature of the work which the scholar is expected to do on his return from training.

27/5/47

27/5/47

page 39 of Vol II 196-198 of

X on page 98 of — II 198 of

P.C to go 5pd.
R. 2-6-47.

POST COPY OF THE TELEPHONE MESSAGE DATED 27-5-1947.

(102) 204

From

The Director of Public Instruction,
Madras.

To

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

Ref:- Your Telephone message dated 26-5-1947 regarding overseas scholarships 1947-48 - Vocational Education - Manual Training subjects with special emphasis on weaving.

The scholar may attend the Central School of Arts and Crafts, Southampton Row, London, or any institution recommended by the High Commissioner for India for instruction in Handloom Weaving, Woodwork and Book binding or take the diploma course at the City and Guilds Institute.

2) Arrangements may also be made for him to visit other craft classes such as Tailoring etc., and some school gardens and become acquainted with their working. The Board of Education's latest bulletins on crafts in Schools, School gardening etc. will be helpful and may be obtained from the Government Book Depot, Southampton Row, London.

for Director of Public Instruction.

Eddy.27/5.

206/ Telegram (103) dt 29/5/47

Educind
New Delhi

pp 196-198 CF

Your telegram F.4-2/47 OD IV twentyfourth May regarding overseas Scholarships 1947-48 stop ~~The~~ Schdar for vocational education may attend Central school of Arts and crafts London or suitable institution in Handloom weaving woodwork and bookbinding or take diploma ~~course~~ at city and Guilds institute stop ~~His~~ Schdar may also visit other craft classes like tailoring and ~~visit~~ School gardens to see their working. Stop On return candidate intended for ~~absorption~~ teaching in Educational institutions stop particulars regarding candidate for Navigational research

Cf p. 204 CF

2017

will follow

Ed health

IAB
29/5/47

29-5-47

29/5/47

P.C. to the Govt. of India,
Edn. Deptt., New Delhi

OFFICE OF THE

Date 1947 Hours Minutes

A.S. III

TELEPHONIC MESSAGE.

From D. S. & C. DEVELOPMENT DEPARTMENT Asstt. Secy.

MAY 1947

Sub:- Overseas Scholarship, private candidate 1947-48.

Your T.M. dt 27.5.47.

The training required to be given to the scholar to be selected in 1947-48 for the award of scholarship in Naval Ration Research is both practical and advanced theoretical training in

[Please write on both sides.

E.P.H.Department (C2).

210

105

Telegram.

Educind
New Delhi.

Your telegram F4-2/47-ODIV twentyfourt and Edhealth telegram twentyninth May regarding overseas scholarships 1947-48 stop Scholar for Navigational research may get practical and advanced theoretical training in Navigation with special reference to tropical seas stop Facilities for getting administrative and teaching experience may be arranged if possible stop On return candidate may be required to work on vessels engaged in oceanographic navigation and deep sea fishing or to teach fisheries technology and navigation in the polytechnics

TTB 31.5.47

31/5/47

Edhealth

31/5/47

P.C. to the Secretary to the Govt. of India, Dept. of Education, New Delhi, 3.

Telegram issued 31/5

Dept 31/5

20? Navigation with Special reference to Tropical Seas. Facilities, if possible may be provided for giving both administrative and teaching experience.

On his return he may be engaged to direct the work of the vessels engaged in Oceanographic investigation and deep sea fishing or for imparting instruction both practical & Theoretical to students of Fisheries Technology Navigation Courses in the Polytechnics

TTB 29/5

Education & P.H.Department (C2).

From the Government of India, Education Department, No.F.5-15/46-ODII dated 15-9-46.

Scholarships for advanced studies abroad - 1947-48.

---

1. Please see the letter of the Government of India on pages 1-2 c.f. Before proceeding to note on the letter, the origin, and the development and the main features of the Government of India, Education Department, overseas scholarships scheme may be briefly stated.

2. The scheme originated with the announcement in October 1944 of Sir Ardeshir Dalal, the then Member in charge of the Dept. of Planning and Development, that the Central Govt. proposed to send a certain number of students in 1945 for advanced technical training in institutions abroad.

3. The object of the scheme is stated as below:-

"With a view to increasing the supply of trained personnel who are likely to be required in connection with the various plans for postwar development, the Government of India have decided, pending the extension of facilities for the necessary advanced instruction in India, to make arrangement immediately to send abroad a certain number of students, at Government expense, for advanced courses in subjects directly related to the probable postwar needs"

4. The subjects of studies for which scholarships are awarded are mentioned in the list at (t) of brochure. The list was originally confined to "technical" and "agricultural" subjects and later on, for 1946-47 scholarships, the scope of the list was widened so as to include other imporatant subjects as "Education".

5. The courses of instruction are essentially educational, including where necessary and possible relevant practical training. The duration of a course of study is normally two years, but will vary in individual cases. Arrangements for instruction are made primarily in U.K. and U.S.A. and wherever possible arrangements are also made in Australia, Canada and New Zealand.

6. The cost of training of each student is approximately Rs.15,000/-, which is equally shared between this Govt. and the Government of India.

7. Every selected student is required to enter into a bond undertaking to serve Govt. on return for a period of 5 years, if required.

8. Candidates are chosen with reference to the estimated needs of the Departments. The estimates include requirements under general industrial development as well as requirements for absorption in Govt. Departments. Although the expectation is that the students on their return can be absorbed in Govt. Departments, the Govt. do not guarantee any employment to them.

9. In 1945-46, the Government selected 49 candidates for the award of overseas scholarships. In 1946-47, the Govt. of India allotted 50 scholarships to this Province, and candidates for 49 have so far been selected.

10. Method of selection: A special Committee consisting of a member of the Board of Revenue in charge of postwar reconstruction, a member of the Madras Public Service Commission and the Director of Public Instruction, is appointed by Govt. Applications are invited by advertisement. The Committee interviews candidates and recommends more than one name for each scholarship, indicating the order of preference. The recommendations are forwarded to the Govt. of India. The Central Selection Board makes a further scrutiny of the applications and other documents of the candidates recommendad and makes final selections.

11. Placing the students abroad: The Government of India have appointed Educational Liaison Officers at London and Washington who arrange for admissions of selected candidates and generally assist the students during their stay abroad.

12. Present position: The statements at (Q) give in one view the names of candidates selected during 1945-46 and 1946-47, the subjects for which they have been selected and the actual courses for which admissions have been secured for them. All, except two students, selected in 1945-46 have secured admissions and have joined the institutions abroad. Admissions for the remaining two are being tried by the Edl. Liaison Officers. A few of the students selected

in 1946-47 have secured admissions and have left India, while for the remaining admissions are being arranged.

13. Letter on pages 1-2 cf. The Government of India have decided to continue the scholarships scheme for 1947-48 and they presume that this Government will also continue to send abroad suitable students for 1947-48. They promise to send a detailed letter in due course, but for the present they want to have not later than 24-10-46 a statement giving the total number of scholarships required for 1947-48 with the proposed distribution among various subjects.

14. Subject to the orders on the proposal of the Govt. of India, the following remarks are submitted:

15. Estimates of total number of scholarships: Estimates should be called for from the Heads of Departments concerned. The original estimates prepared by the Heads of Departments in 1945 would now require modification in the light of further developments. The statements at (Q) would guide the Heads of Depts. to assess their present requirements. It should be noted that the subjects of studies selected should be from the list at (t). Devt. and P.W.D. may be requested to collect from the Hds. of Depts. the estimates of the subjects for which scholarships may be offered together with the number of scholarships required for each subject.

The following points are necessary to be noted in connection with the preparation of the estimates, particularly in respect of subjects connected with "Industries".

1) It is not possible to arrange for training in commercial techniques regarding manufacture etc.

2) The scheme is primarily an educational one but practical training where necessary forms an integral and important part.

3) Subjects should be chosen with an eye to the actual needs and the possibilities of industries (where trained men can be absorbed) coming into being in the [illegible]

As the Government of India may not allot the entire number of scholarships required by this Govt. and it may be necessary to make reductions in the ~~xx~~ estimates furnished by Heads of Departments later, it is necessary that the Heads of Departments should indicate the subjects for which scholarships are required in the order of preference. This will facilitate adjustment later on of subjects within the number of scholarships allotted, without having to consult again the Heads of Departments.

The estimating authorities may also be requested to specify the maximum and minimum number of scholarships that may be awarded for each subject. This information will be required later by the Govt. of India.

As the estimates have to reach the Govt. of India not later than 24-10-46 the Devt. and P.W.D. may be requested to collect estimates and send them to this Department not later than 12-10-46.

16. Advertisement:- The Government of India have stated that the ~~xxx~~ actual number of scholarships allotted to this Govt. will be made known by 10th November 1946. On receipt of this information it will be necessary to put out an advertisement inviting applications. For that, the ~~xxxxxxxxxxxxxxxx~~ Heads of Departments may be asked to specify, as they did last year, the qualifications that may be prescribed for the candidates to be selected for each subject. This should reach this Department not later than 1-11-1946.

17. A return. The Government of India would require a return in the following form to serve as a guide to the Liaison Officers for arranging admissions to students:

Subject.	Exact ~~branch~~ of subject.	No. of scholarships.	Nature and duration of training.	Institution or/and country where it is desired that trg. should be arranged.

It is very important that care should be taken in the preparation of the ~~above~~ return. Definite information re. the courses ~~fx~~ of studies required for each candidate, namely a diploma course, or a research M.Sc.Degree course, or a research Ph.D Course

should be furnished. Regarding institutions where admissions are to be secured, three names of institutions should be suggested in the order of preference. Concerned heads of Depts. may be requested to furnish the reqd. information, wherever necessary ~~Heads of Depts.~~ they ~~might~~ may consult the Students Information Bureau of the Madras University, or the Overseas Information Bureau of the Govt. of India, Education Department, New Delhi,3.

Devt. and P.W.D. may be requested to ~~xxxx~~ get the A return completed in time and send it to this Department by 1-1-1947.

18. Finance: As stated already the Government of India will share half the cost of training of the students. But the Govt. of India have prescribed a condition, viz., their contribution will be taken into account as a part of the general grants for postwar development to the Province. Such a stipulation was not prescribed for scholarships awarded in 1945-46. But in respect of 1946-47 scholarships the Govt. of India made this stipulation. They were requested to waive this stipulation in January 1946. Final reply from the Govt. of India has not been received, although the matter was stated to be under consideration. From the fact that the condition is ~~again~~ mentioned ~~xxxxxx~~ again in respect of 1947-48 scholarships indicates that the Central Govt will not waive this condition.

19. Government servants: In 1945-46 and in 1946-47 besides the students ~~xxxx~~ overseas on scholarships, the Government deputed certain officers of the Department for advanced studies in subjects directly related to postwar development.

In their letter the Government of India do not want estimates of Government servants to be sent to them. But it seems the Government of India will continue to make arrangements for placing the Govt. servants in institutions abroad for 1947-48 also. Devt. ~~xxxx xxxxx~~ may consider the need for sending ~~xxxxxxxxxx xxxxxxx xx xxxxxx~~ on Govt. servants ~~xxx~~ deputation and send direct to the Govt. of India, 'A' return in respect of the Govt. servants whom they might depute for 1947-48.

P.W.D. are sending officers under the Labour Department scheme.

20. So far as ~~this Education~~ this Department is concerned the D.P.I. may be asked whether any officers of the Education Department need be ~~sent this~~ deputed for 1947-48. As regards scholarships, he may be asked to furnish all the information referred to in paras 15,16,17 above.

Attention is invited to the notes in the linked file. The need for sending students on scholarships for the following subjects is noted there:-

1. Nursery Education.
2. Physical ~~Education~~. Instruction
3. English for honours work.
4. Technical education methods - vocational edn.
5. Education of ~~backward and defective~~ mentally and physically handicapped persons.

any other subject which he considers necessary

The Director may be requested to suggest the number of persons ~~who may be~~ that may be awarded scholarships in each subject.

21. The file may be sent to Devt. and P.W.D. and Finance for remarks before circulation. As the time allowed for the preparation of the estimates of number of scholarships required should reach the Govt. of India by 24-10-46, it seems the estimates may be called for from the Heads of Depts. immediately. Devt. and P.W.D. may take extracts from this file.

* extracts from the Statement at (a) above may be taken for sending to Hds. of Depts.

TNS 25.9.46.

JRM 26/9/46 S/B 27.9.46

Special

E.P.H. wo. no. 55453 C 2/46-1

27.9.46

Devt / P.W.D.

DEV DEPT

UNDER SECRETARY TO GOVERNMENT 27 SEP 1946 DEVELOPMENT DEPARTMENT

SECRETARY TO GOVERNMENT 30 SEP 1946 2408 PUBLIC WORKS DEPARTMENT

Issued vide D.O. No. 725 S.P. dated 30.9.46

To A.S.

Please see the Govt. of India letter at pp. 1-2 c/f and E&A.H. Deptt note from p. 1 ante. Relevant extracts have been taken for separate action. The file may now be returned to E&A.H.

30.9.46 1.X.46

PWD-A.O.2408-M/461 1-10-46

SD 1/10/46 E&H (C2)

With refce. to para 20 ante, a draft memo. to the D.P.I. is put up for appl.

The file may be sent to Finance for remarks before circulation.

Finance (a.i) TNS 2.10.46

JRM 2/10/46 S S/B 2/10/46

[Issued as memo no. 55453 C2/46-2 dt. 2.10.46]

Fin: (a.i:)

P W

E.P.H. wo. no. 55453 C2/46-3 3.10.46.

12 40 p.m.

ASST. SECRETARY TO GOVERNMENT 8 OCT 1946 57232 FINANCE DEPARTMENT

Para 4, M.C.F.

Fin Es

The file relates to the continuance in 1947-48 of the scheme of sending students abroad for advanced studies in subjects connected with development plans - eg list at (1); there are other specific qualifications in regard to subjects connected with Industries. The note of E&H from p. 1 above has set out the case fully. The requirements in 1947-8 are to be gathered from information to be obtained from Heads of Departments vide paras 15 to 17 of E&H note above.

Although it is stated in the present reference that the list to be sent should include part servants E&H proposes to take separate action for them - vide paras 19 & 20 of E&H note above.

2. This dept is concerned with the financing of the scheme. This Govt will have to bear the entire cost in respect of part servants ~~The financing of part servants is as set out in para 4, M.C.F~~ but the present proposal is

in respect of private students. In the case the existing
practice is to be followed viz the Central Govt. bears
half the cost of training of students sponsored by
the Provincial Govts. A condition is proposed to be
laid that this contribution will be taken into account as
part of the general grants for post war development
to the Provinces. All have pointed out that in
respect of 1946 scholarships the Govt of India were
such a stipulation. Hence. saw that the Govt of India were
asked to waive this condition in 1946 and we presume
that as no reply has been received and the condition
is again mentioned in the present letter the Govt of
India will not waive the condition. Submitted that
this dept may suggest that a specific reply may be
obtained from the Govt of India on this point and thereafter Pub (P&D)
should also see in this.
If Agreed the case may be returned to E&PH.

KRN 6.10.46 Dy Sec'y

This dept may generally agree with
E&P.H. in the reply to be sent to the Govt of
India in regard to the scholarships
of 46-47 that the 50% share of the Govt of India
not to be treated as part of the general grants for
P.W. development may be referred to and reiterated
in regard to the scholarships for 47-48 also.

5.10.46. E&P.H.(C2)

Before circulation
The file may be sent to
Pub (P.+D) as suggested by Finance.

5/10/46 Pub (P&D)

Please see paras 1 and 2 of the Govt of India
letter on p1 CF, para 18 of the P.H. note
at p5 ante and Dy Secy's note above.

Mir

Mir dept may agree that the Govt of India
may be asked that the condition that
the 50% contributions to be made by them
be taken into account as part of the
general grants for post development
to this Province be omitted.

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

7/10/46

Pub (P&D) dept
616/Pub-1
8/10/Pub.

8/10/46 A.S. (P&D)

Edn.& P.H.Dept.(C2)

The file relates to the Government of India, Education Department, Scheme of sending students abroad for advanced studies in subjects connected with development plans. The notes on pages 1-6 ante explains the scheme.

The Government of India have decided to continue the scheme for 1947-48 and presume that this Govt agree share this view and will continue to send abroad their own students. They promise to send a detailed communication shortly dealing with the selection of candidates and other matters. In the meanwhile they want this Govt. to send them by 24-10-46 a statement giving the total number of scholarships required in 1947-48 with their proposed distribution among the various subjects. This information has first to be collected from the Heads of Depts. So far as this Department is conerned the D.P.I. has been requested to furnish the information. Dept. and P.W.D. are taking separate action to get similar information from concerned Hds.of Depts. All the information received will be examined and orders taken in Govt. before it is passed on to the Govt. of India. Meanwhile the file may be circulated for information and instructions if any.

As regards the cost of the scheme, the Central Govt. will bear half the total cost in respect of the

students selected for scholarships who are not employed under this Government. That Govt. have however stipulated a condition, viz. their contribution will be taken into account as part of the general grants to the Province for postwar development. The Finance Dept. suggest that the Central Govt. should be requested not to treat this contribution as part of their general grants. Public (P.& D) agree with Finance. The Govt. of India will be addressed on this point in the reply to be sent to the letter on page 1 CF.

9/10/46

HHH (D.)
HHH (Agv.)
HHH (P.W.)
HHH (Edn.)
HHH

9/10/46

C. As far as education is concerned, I think, it is necessary that we should send some men for training for Nursery Education such as will be able to conduct Nursery Training Schools in this Province after their return. We also want Physical Education experts, who can, if possible, start our own Government College of Physical Instruction. We also want some men who can re-organize our training schools according to modern methods of training. The D.P.Is suggestions may be taken as to what other branches in which he would suggest to send men for further education in foreign countries.

2. The other H.Ms. mentioned may also be consulted. In view of the fact that the reply has to be sent before the 24th inst. the matter may be treated as urgent and circulated as soon as possible. In case any of the H.Ms. are not present in the City, or otherwise not able to see, the reply may be sent before the 24th inst. and their suggestions taken afterwards.

TSA 11.10.46

I agree 11.10.46

17/10/46

RECEIVED, PUBLIC AND P.W. DEPTT.
21 OCT 1946
GOVERNMENT OF MADRAS

Special. Note in the cover due to P.W.D. by 24.10.46. 19.10.46

From the Devt. Department, u.o.Note No.72934DI/46-2 dated 15th October 1946.
From the D.P.I., RC.No.43680/45 dated 21st October 1946.
From the P.W.D. u.o.No.2427M/46-7 dated 24-10-46.

1. The following are the estimates of the number of scholarships required by each Department:-

Devt.	34
P.W.D.	20
Education	18
	72

The estimates may be accepted and may be sent to the Govt. of India in a consolidated form. A draft letter is subd. below. The subjects in each of the three appendices to the draft have been arranged in an alphabetical order.

2. Devt. Dept. estimates: With reference to para 15 on pages 3-4 ante, Devt. have furnished complete information. As stated already in that para, the order of preference of subjects indicated by them and the particulars furnished by them regarding the maximum and minimum number of scholarships for each subject, will be useful later on when the Govt. of India's letter re. the actual allotment of the scholarships to this Province is recd.

3. When the scholarships are advertised it will be necessary to indicate the particular subjects for which women can apply. Devt. may be requested to indicate such subjects when they send particulars re. qualifications to be prescribed for the students applying for the scholarships. A draft u.o. note is subd.

4. P.W.D. estimates: P.W.D. have not furnished complete information in regard to the order of preference of subjects and in regard to the maximum and minimum number of scholarships to be allotted for each subject. They may be requested to collect the particulars from the C.E.'s concerned.

5. Please see items 28 (a) to (d) on page 5 of draft letter below. The C.E.(E) states in this connection "Although it has been stated that it is not possible to arrange for training in commercial techniques regarding manufacture, etc., I would suggest that efforts may be made to find scope for training in the subjects given above". This suggestion may be incorporated in the A return which will be forwarded to the Govt. of India.

12

6. It is presumed that no woman candidate should be permitted to apply for any of the subjects proposed by P.W.D. This may be confirmed by that dept. in due course. A draft u.o. note is put up for approval.

7. D.P.I.'s estimates: The D.P.I. also has not indicated the order of preference of subjects and has not furnished particulars regarding max. and ~~xx~~ min. of scholarships for each subject. The Director may be asked to furnish them.

8. He may also be requested to specify the subjects for which women candidates may be permitted to apply.

9. The D.P.I. has proposed one scholarship for "Heat and Hydraulics Engineering" under the impression that one of the three students who ~~xxxx xxxxxxxxxxxx~~ were selected during 1945-47 is doing electrical engineering. In fact, two are already doing the ~~xxxxxxx~~ "Heat and Hydraulics Engineering" in institutions abroad, and one student is awaiting admission. The D.PI.I. may be informed of the correct position and he may be asked to state if he still considers that a scholarship should be earmarked for this subject for 1947-48.

10. The Director has suggested 2 scholarships for "Generation, transmission and utilization of electric power" on the presumption that Messrs.R.S.Savoor and M.Muthukrishnudu who have already been selected for 1946-47 have given up the scholarships. But the correct position is that Mr.Savoor has relinquished the scholarship but a substitute candidate is proposed to be selected in his place. ~~The~~ Mr.Muthukrishnudu has accepted the scholarship and he is waiting for admission. It is however doubtful if the Govt. of India would agree to the selection of a substitute candidate at this stage for Mr.Savoor. It seems the two scholarships proposed by the Director for this subject and the one for "Heat and Hydraulics Engineering" referred to above may stand for the present purpose of sending the estimates to the Government of India. In the meanwhile the D.P.I. may be asked to state if the three scholarships are essential in view of the correct position. A draft is put up for approval. If the D.P.I. considers these 3 scholarships as unnecessary, ~~the~~ alterations in the estimates may be made after the actual number of scholarships allotted by the Central Govt. to this Province is known.

In para 1 of his minutes on page 10 ante, H.M.(Edn.) has suggested that some persons should be sent for (1) Nursery

pp13-15 CF

para 3 at p13 cf

cf P1/Q

para 4, p14 CF

Separate file

Draft IV

55653/m

The D.P.I. has proposed one scholarship for items (1) and (2) and two scholarships for item (3). The draft letter to the Govt. of India contains only the figures furnished by the D.P.I. For orders whether the number of scholarships proposed by the D.P.I. for these three subjects should be increased and necessary alterations made in the draft.

TMS 26.10.46

27/10/46

In view of the urgency (Hon see telegram at p: 23 of) the file with circulated to HM is in the HJS before time & draft of this HM's opinion is one of the drafts. A telegram with also be sent to Govt. of India giving the HM's decision & reasons.

HM (Edn.)
HM (Adm.) 28-10
A.D. (P.W.)
HM (P.H.)
HM (P.H.M.)
HPM

Hon do want HOD for physical education HOD for Nursery training and preferably HOD also for Teachers Training.

The necessary corrections may be made Draft approved as corrected

TSK 29-10-46

28/10/46

9 lines & number proposed will do for the present. HJS

The file may be sent only to HPHS present in the city - it may be circulated to others after issue of the drafts.

SECRETARY, EDN. AND P.H. DEPT. 29 OCT 1946 GOVERNMENT OF MADRAS

Issued

[Spl - as further action taken by Govt. of India]

withheld from further On

28/10/46

A draft telegram to the Govt of India is put up for appl.

TMS 29.X.46

After issue of the drafts & the telegram and the 4 other letters, the file may be circulated to H.M (P.W.), H.M.(P.L) and H.M. (P.H. & M) as already marked.

HM (P.W.)
HM (P.L.)
HM (P.H. & M)

29/10/46

R.L. 31.10.46

Issued as telegram no. 55453C2/46-8 dt 29.10.46
——do— letter no. —9 dt 29.10.46
——do— U.O. note no. —10 dt 29.10.46
——do— U.O. note no. —11 dt 29.10.46
——do— memo. no. —12 dt 29.10.46

From the Govt. of India No F-1-/46 OD IV dt 2.XI.46
From the Deut. Deptt. no.! no. 72934 D7/46-4 dt. 1.11.46.

The estimated requirements of Scholarships for 1947-48 are as below:-

Edn. Deptt:	20
P. W. Deptt:	20
Deut. Deptt.	34
Total	74

The Govt. of India have allotted only 35 Scholarships and this number may be distributed among the 3 Depts. The ratio of distribution adopted for the last two selections was 1:1:3. It is for orders whether the same ratio will be adopted for 1947-48 also or whether a ~~change~~ new ratio may be fixed. As Deut. have had a fair share of the ~~35~~ Scholarships awarded in 1945-46 and 1946-47, it is for consideration whether Edn. and Public Works may get 10 Scholarships each and Deut 15, out of the 35 scholarships allotted for 1947-48. Attention is also invited to the Sectional notes, pp 13-16, of top file.

After the distribution of Scholarships is settled, the Subjects for the Scholarships can ~~will be decided~~ with refce. to the order of preference indicated by each Deptt, vide "P" on page 4 ante. Deut. Deptt. have already indicated the order of preference of the Subjects proposed by them. P.W.D. have been asked to send similar info in regard to the Subjects proposed by them ~~not~~ before 10.11.46. Particulars regarding the qualifications to be prescribed for each Subject have also been called for from P.W.D. and D.P.I. After orders are passed in this and the linked files, an advt. may be published in the papers.

Govt of India Notes on proposed distribution of 35 Scholarships among Provinces

pp 29-31 CF

p 37 nf of 1462 Edn

pp 33-35 CF

(113)

The file may be sent to Deut. and P.W.D. for remarks before Circulation.

DJN.
8/11/46

E.P.H. No. no
55453C2/46-14
11.11.46.

T.M.B
7.XI.46.

Dev 85956
(4)

Toas

DEVDEPT

Please see notes from pg 14 ante. It is proposed to allot 17 out of 35 scholarships earmarked to this Province, to this deptt to the subjects selected by this deptt. (in accordance with the order of preference of the subjects already ~~from~~ selected has already been indicated by this deptt, the 17 scholarships will have to be distributed to the 16 subjects mentioned at pp 9-10 ante. The proposal of the E & P.H. Secy at N on pg 14 ante may be agreed to and the file passed on to P.W.D.

Maps required pp 9-10 CF
Colour maps pp 9-10 CF

Forestry is to have two Scholarships hence 17 will be allotted for 16 subjects

ADS 12/11/46

Dev no no 85956 Dev Deptt-1 of 12.11.46

Th 12.11.46 ADS 12.11.46

ADS 12-11-46

Add S.J.

PWD

M

TS 2964

To A.S.

P.W.D.

Please see the E & P.H. Deptt. note from p. 14 ante. The Government of India have allotted 35 scholarships for this Province during 1947-48 out of which it is proposed to distribute to this Deptt. 9 scholarships. The number of scholarships recommended by the Chief Engineers is 20. -- Vide statement at p. 21 of ~~P~~.

P 37 of

M on P 14 ante

P 21 of

Separate file surplus

The C.Es. (Gnl), (E) and (I) have been asked to

indicate the degree of importance attached to the different subjects recommended by them in order of preference. The particulars will, on receipt, be forwarded to the E & P.H. Deptt.

Particulars regarding qualifications to be prescribed for each subject have been sent to E & P.H. with this Deptt. U.O. No. 2427 M/46-10 dated 12-11.46.

After a decision is reached regarding the number of scholarships allotted to this department, the Chief Engineers may be asked to report in consultation with each other the subjects for which candidates should be selected. The C.E.(Gnl) may be asked to send a consolidated reply as was done last year. With these remarks the file may be returned to E & P.H.

13.11.46

13.11.46

13/11/46

13/11

E.P.H (C2)

Please see the notes on pages 14-16 above. This file may be circulated along with the other two Connected files on their receipt from Finance and Public.

In the meanwhile the D.P.I. may be asked to indicate a Consolidated order of preference of the Subjects proposed by him. The order of preference now indicated by the Director in his statement on pages 51-53 C.F. is not common to Subjects under "Education - Technical" and those under "Education - Others". A draft T.M. is put up.

P.W.D. also may be requested to

SECRETARIAT SECRETARY TO GOVERNMENT 14 NOV 1946 EDUCATION & PUBLIC HEALTH DEPTT.

E & P.H.

P.W.Dn. 2964-M/46-1
14.11.46

Very urgently obtain a Consolidated order of preference of Subjects proposed by the Chief Engineers, without waiting for the decision regarding the no. of scholarships allotted to each Dept. Attention is in this connection invited to 'P' on page 4 ante. This will Save time.

15/11/46

14/11/46

E.P.H. no. 110.
55453C2/46-15
15.11.46.

SECRETARIAT SECRETARY TO GOVERNMENT 15 NOV 1946 3016 PUBLIC WORKS DEPARTMENT

P.W.D.

To A.S.

Please see this Deptt. note at 'A' on p. 16 ante and the E & P.H. Deptt. note above.

The C.Es. (Gnl) (E) and (H) have already indicated the order of preference attached to the different subjects proposed by them. The C.E(I)'s report in this regard is awaited. E & P.H. now propose to allot 9 scholarships against 20 recommended by the C.Es. It does not now appear necessary to make another reference to the C.E.(Gnl) asking him to consult other Chief Engineers and to submit a consolidated report showing therein the order of preference of the various subjects. After the reply from the C.E(I) is received, the selection may be made by this Deptt. roughly on the following lines:

C.E(Gnl)	3	Scholarships
C.E(I)	2	,,
C.E(E)	2	,,
C.E(H)	2	,,

E & P.H. may be informed accordingly.

16.11.46

16.11.46

Please see the list of subjects on p 21 cf. When 20 scholarships were proposed, the distribution according to subjects was 4 for Road Engrs, 4 for Electricity, 5 for Highways & 7 for Irrign. On this basis the nine scholarships now expected to be allotted, may be 2 for C.E.(I) (B&R)

3 for CE (Bldgs) & 2 each for CE (Elec) & CE (Hydl. works)
E.P.H. may allot the scholarships for this Deptt accordingly. CEs may be consulted about the allocation of scholarships as between the different items under the subjects relating to them. Dle 16/11/46 ⇒ Draft on file. After issue of the Govt. order, the file may be sent to E.P.H.

Dle 16/11/46 S. 16/11

E.P.H (C2) E.P.H (a.i)

SECRETARY TO GOVERNMENT 70190 18 NOV 1946 EDUCATION AND PUBLIC HEALTH DEPT.

Summary

PWDus 3016-M/46-1
18-11-46

Having decided to continue for 1947-48 the Overseas Schdarships scheme, the Govt of India asked for an estimate of this Govt's requirements of schdarships. The Depts were consulted and the fdlg were their estimated requirements:- P1CF

Education Deptt	—	20	Schdarships pp 13-15 CF
Public Works Deptt	—	20	do- P 21 CF
Development Deptt	—	34	do- pp 9-10 CF
Total		74	do-

The Govt. of India were told that 74 schdarships were required by this Govt. But India have been able to allot only 35 schdarships to this Province. pp 27-31 CF P 37 CF

It is proposed to distribute the schdarships as below:-

Education	—	9
Public Works	—	9
Development	—	17
		35

Dle 11.01

Public Works and Devt. agree to this proposal.

~~The file may be circulated for orders on the distribution proposed.~~

P 10

Dle 16/11/46

19 (115)

~~on the distribution proposed.~~

The Dev. Deptt. has indicated on pp.9 - 10 c.f. the order of preference of the subjects of that Deptt. A list of the subjects relating to Education arranged in the order of preference is at p.65 c.f. The subjects for which P.W.D. want to award scholarships are on p.21, but they have not indicated their preference. Please see, however, that Department's note on pp.17 - 18 ante and the memo. on p.61 c.f.

This may have to be revised after the revised list is received.

After the number of scholarships for each Deptt. is fixed, the D.P.I., ~~and~~ the Dev. and the P.W.D. will be asked to indicate the order of preference of ~~the~~ subjects, if necessary.

The file may be ~~xxxx~~ circulated for orders on the distribution of the 35 scholarships between Edn., P.W.D. and Dev. Deptts.

29/11/46 21/11/46.

Special: we have to keep this Dept's time-table intact vacancies. Deleting of Coimbatore to be included by 28-2-47. 1/12/46

TSA 21-10-46 (Edn.) 23/11 (Dev.) (Agri.) (P.W.) (Forests)

X The Dept of Agriculture which deserves to be given a high priority is not included in the list of ~~priority~~ subjects mentioned in the U.O Note on pp 9-10 c.f. This may also be included next to Forestry

SECRETARY, EDN. AND P. H. DEPT. 2-DEC 1946 GOVERNMENT OF MADRAS

C 2-12-46

SECRETARY, EDN. AND P. H. DEPT. 2-DEC 1946 GOVERNMENT OF MADRAS

23-11-46. (Forests)

26.11.46.

Please see the notes from page 18 ante. The D.P.I. may now be asked to send a revised list of subjects among which the 9 schdarships allotted to the Education Deptt may be allotted. He may be asked to

each
include 1 schdarship for "Nursery Education"
"Physical Education" and Radio Communi
cations", among the subjects for which
the 9 schdarships are to be distributed.
Please see in this connection H.M. (Edn)'s
note on ~~page 1 n/f of L.F.~~ para 1 on page
10 ante, and the memo. on p 66 c.f. In
view of the limited no. of schdarships
available for Education, it seems one scholar-
ship each for "Nursery Education", and "Physical
Education" may be considered enough for
1947-48.
Subject to orders, a draft memo.
to the D.P.I. is put up for appl.

The P.W.D. may be requested to
indicate the subjects among which the 9
schdarships allotted to that Dept may be
distributed. A draft no. note is put up.

As regards the subjects for the
17 schdarships allotted to Devt., they may
be requested to send a fresh list of subjects
for the 17 schdarships, with refce. to the
minutes of H.M. (Forests) on page 19 ante.
A draft no. note is subd. for appl.

TMB
3/12/46

3/12/46 S

[Issued as memo. no. 55453 C2/46 - 16 Edn dt 4.12.46]
Issued as no. no. 55453 C2/46- 17 Edn dt 4-12-46

68-69 cf Devt.Dept.

The E.& P.H.U.O.Note at page 53 c.f. is submitted for perusal. The D. A. reported already that he had no proposals for the award of scholarships in 1947-48 to private candidates for technical training in Agriculture. H.M.(Forests) had apparently minuted as at 'X' on page 53 c.f. on the 19 ante presumption that the D. A. was not consulted in the matter. In this light, it does not appear necessary to revise the 19-10 cf list already sent to E.& P.H. For orders whether E.& P.H. will be informed accordingly or whether the D.A. will be asked again. E.P.H. may see this note.

U.S., Devt. 5-12-46
Jt. Secy, Devt 6.12.46.

1.16

Please see the minutes of H.M (Forests) at x on p 19 ante and the Devt. Dept. note on page 20 ante. The for orders as to circulation.

TMB
9/12/46

9/12/46 S

HM (Edn.)
HM (Hy. & Food)

The D. A. has already been consulted as indicated above, he need not be consulted again

ISA
10-12-46

13.12.46
23

The file relates to the distribution of the 35 overseas scholarships among Devt., P.W. and E.P.H. Departments and to the allotment of subjects of study for which the scholarships are to be awarded. The 17 scholarships allotted to Devt., are to be distributed among the subjects mentioned at 'p' on pages 9-10 c.f. and the 9 scholarships allotted to P.W.D. are to be distributed among the subjects mentioned at pages 72-73 c.f. For the 9 scholarships allotted to E.P.H., the D.P.I. has sent a revised list of subjects - p.76 c.f. For the subject "Radio Communications" - item 3 of the list - "Teachers Training" may be substituted. Please see in this connection para 2 on page 74 c.f. and the T.M.'s on pages 84 to 86 c.f.

Subject to approval, the subjects of study and the qualifications proposed by the E.P.H., Devt. and P.W.D. Departments have been embodied in the draft advertisement put up in the top file.

TMB
4/1/47

5/1/47 S

pp 15 & 20 ante

p 70 CF

From the Government of India, Edn.Dept. No.F.1.1/47-OD IV dated 19-12-1946.
From the P.W.D. U.O.note No.2427M/46-12 dated 3-12-46.
From the Devt.Dept. U.O. Note No.72934D1/46-9 dated 10-1-47.
From the D.P.I., No.8375-E3/46 dated 30-1-47.

---

1. The Government of India want to have particulars regarding detailed courses of studies, names of institutions etc. suggested for the overseas scholars to be sponsored by this Government in 1947-48, in the form given on page 88 c.f.

2. The subjects for which candidates are proposed to be awarded scholarships in 1947-48 are indicated on page 2/(F). Necessary particulars have been ~~collected~~ obtained from the P.W.D., Devt. and the D.P.I., vide pages 72-73 c.f., 94-102 c.f. and 112-114 c.f. For various subjects, institutions in both the United Kingdom and the United States of America have been proposed. The Government of India want to have separate lists for the U.K. and for the ~~U.S.S.R.~~ U.S.A. It seems the separate lists for each should show all the subjects for which institutions have been proposed in each country. Two lists have been prepared accordingly. The lists may be forwarded to the Government of India. In the forwarding letter it may be mentioned that for various subjects institutions in both the U.K. and the U.S.A. have been suggested and that in these cases admissions available in either country will be accepted by this Government. A draft letter is subd. The Government of India want the lists very urgently - please see the telegrams on pages 106 and 116 c.f. After issue, Devt. and P.W.D. may see the lists as sent to the Govt. of India.

3. In respect of three subjects, the particulars furnished by the D.P.I. and Devt. are not complete. They may be requested to furnish the complete particulars. Two drafts are subd.for approval. On receipt of these particulars, they may be forwarded to the G. of India, in continuation of ~~of~~ the letter read at 'P' above.

Drafts II and III

TNS 6.2.47

ORM 6/2/47

6/2/47

[Issued as Letter no. 55453 C2/46-20 Edn dt 6.2.47
memo. — 21 Edn dt 6.2.47
U.O. — 22 Edn dt 6.2.47]

Ext. No. 11489

18 FEB 1947 DEVELOPMENT DEPARTMENT

Ext.H. U.O. no. 55453 C2/46-23 11.2.47

23

TOS

Please see Ext.H. note at p.22 ante. The Ext.H. letter at pp 118-145 cf may be perused and the file returned. Action has been taken separately on the Copy of the letter and no note at p.148 cf sent to this dept.

Dem no 14480 DI/47-1 9/1824

17-2-47

ASST. SECRETARY TO GOVERNMENT OF INDIA 21 FEB 1947 EDUCATION AND PUBLIC HEALTH DEPT.

(1724) Edn H PWD

PWD

M 707 FEB 1947 ASSISTANT SECRETARY TO GOVT. OF INDIA PUBLIC WORKS DEPARTMENT

To A.S

P130, & P142-145 cf

The Ext.H. Dept. note at p. 22 ante, the letter to the Govt. of India at pp. 118-119 cf and its enclosure may be perused and the file returned to Ext.H.

14767

20.2.47

20.2.47

20/2

Ext H

From the G. of India, Edn Dept, memo. no. F.4-2/47-OD IV, dt 15.2.47. p 152 cf

PWDus-207-11/47-1 20.2.47

Draft reminders to the D.P.I. and the Dept. are put up for appl.

TNS 4/3/47

ORM 4/3/47

p 154 cf [Issued as memo. no. 14737 C2/47-1/47 Edn dt 4/3/47)

p 155 cf — do. note 14737 C2/47-2 Edn 4/3/47)

p 156 cf From the D.P.I., No. 8375 E3/46 dated 10.3.47.

Reminder issue

A draft letter to the Govt of India and a draft reminder to Dept are put up.

TNS 19.3.47

ORM 19/3/47

[Issued as letter no 55453 C2/46-24 dt. 22/3/47]

p 158 cf

(118) 25

P.W.D.

Sub: Overseas Scholarship 1947-48 - Maximum number of scholarships to be awarded in each subject.

Ref: Memo No. 1845 M/47-1 dated 3-5-47.
From the C.E(E) No. 6382 E/46-20 dated 8-5-47.
From the C.E(H) No. 1573 A1/47-HR dated 8-5-47
From the C.E(G) No. 2210 E1/47-1 dated 10-5-47.
From the C.E(I) No. 4352/46 M.26 dated 15-5-47.

.....

To A.S.

Please see the E & P.H. Deptt. note at p. (4) 179 c.f. the memo at p. (5) 182 c.f. and the replies from the C.Es. at pp. 7, 9, 11-12 and 17 c.f. 184 - 189 cf and 194 CF

The C.Es. (Gnl), (E) and (H) have stated that the maximum number of scholarships that may be awarded for each of the subjects recommended by them may be taken as two. The C.E(I) has not, however, stated the maximum number of scholarships that may be awarded for the subjects recommended by him. But in view of what the other Chief Engineers have stated, E & P.H. may be informed that the maximum number of scholarships that may be awarded for each of the nine subjects allotted to this Department is two.

As regards 'A' on p. (17) 194 cf c.f. it is submitted that three scholarships have been alloted to the Irrigation Branch and they are open both to private candidates and Government servants. The candidates have already been selected by the Provincial Selection Committee.

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

4345

19.5.47. 20.5.47

PWDW. 1845-M/47-3
22.5.47

S
20/5/47

E A P.H
C2

A draft letter to the Govt. of India is put up for approval.

TIB
22/5/47

22/5/47

S
23/5/47

26

From the Govt. of India, Edn Dept. telegram no. F.4-2/47-OD IV dated 24.5.47.

Please see the telegram on pages 196-198 cf.

"Vocational education etc" relates to this Dept. The D.P.I. may be asked to state precisely the training required to be given to the Scholar to be sponsored in 1947-48 for this Subject. A draft T.M. is put up for appl. The candidate after undergoing training in Vocational education is intended to be absorbed in the teaching line. in the Edn. Dept.

"Navigational Research" relates to the Dept. Dept. Please see the particulars furnished by Dept. in respect of this Subject. in their 'A' return on page 98 cf. at 'X'. After issue of the T.M. to the D.P.I. the file may be sent to Dept. who may be requested to furnish the information called for by the G. of India in their telegram on pages 196-198 cf. in so far as "Navigational Research" is concerned.

TNB 26/5/47 — Dev. (Ad.C) — E.P.H. WO. No. 55453 C2/46-28 26/5/47

Dev Dept. 49470 DI/47 27.5.47

To AS

Please see the telegram from the Govt. of India at pp. 196-198 cf. and the E.P.H. notes above. with reg. 'A' above, a draft T.M. to D.I.C. is submitted for approval. After issue, the file may be returned to E.P.H. with the information particulars required at A above will be furnished to Dept. on receipt of from the D.I.C.

27/5/47 Asd 27.5.47

(* Issued T.M. vide pp. 202 c.f.)

Dev WO 49470 DI/47-1 28.5.47

45047(C)

ASST. SECRETARY TO GOVERNMENT 29 MAY 1947 EDUCATION AND PUBLIC HEALTH DEPT.

A

Issued as TM dt 26.5.47 P. 200 cf.

p. 196-198 cf

VII (119) E.P.H C2

Please see the notes on page 26 ante and the reply from the D.P.I. on page 204 cf. The Govt. of India may be furnished with the information given by the Director regarding vocational education. A draft telegram is submd. Particulars regarding Navigational Research may be supplied to the Central Govt. when received from the D.I.C. through Dept.

TNB 29/5/47 — 29-5-47 — S by G/JOM.

[Issued as telegram dated 29.3.47]

p. 26 ante

28 / (126) Dev. Dept.

207-208 CF

To - A.S.

Please see the T.N from the D1&C at p.p 1-2 above. The information furnished has been with ref to ~~two No 54 538/46 dt 28.5.47 of the E&H. Dept. which has been returned to them in this Dept vide No 49470 DI/47-1 dt 28.5.47. One copy also be sent to them in confirmation.~~ with reference to an enquiry from E&H. Dept in their lio. No 54538/46-dd 26.5.47. 395/47. the manifile of the E&H. dept was returned to them with Dev. lio. No 49470 DI/47-1 dated 28.5.47 It may also be sent to this dept in confirmation

Dev
30.5.47

Dev. M.O No. 49470 DI/47-2

30.5.47.

208 CF

The information furnished by the D1 & C. may be communicated to the Govt. of India. A draft telegram is put up.

TMB
31/5

TMB
31.5.47

hn
31-5-47

ASST. SECRETARY TO GOVERNMENT OF EDUCATION & PUBLIC WORKS
45742
30 MAY 1947

28

[Issued as telegram dated 31.5-47]

No further action is called for in this file. Papers may now be

Gr 8s 1187 Edn dt 9.6.47
Yes ~~2004~~

Recorded.

TMB
2-6-47

M
7-6-47

(S)
2/6/47

P.2188 68 9/6 9/6

Overseas Schlarships - 1947-48 — Particulars regarding subjects, institutions and Countries of Studies Suggested — Return sent to Govt. of India - Papers recorded.

FORM "B".

(121)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.
(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

5. (a) Name of parent or guardian.
   (b) Business or profession of parent or guardian.
   (c) Monthly income of parent or guardian.
   (d) Capacity of parent or guardian to supplement student's resources.

6. Particular branch of scientific or technical work in which training is required.

7. Minimum period of training desired.

8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? If so, nature of such employment.

Highway Engineering – Highway research.	R. Thillainayagam	1946-47	Admission not secured (N.K.) 18
Mechanical Engineering Plant and plant operation.	A. Purushottama Rao	1946-47	2

FORM "B".

(22)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended. Dates. Examinations passed with class, where known.

(b) University or institution of equivalent status attended. Dates. Examinations passed with class, where known.

4. Industrial or professional experience, if any.

5. (a) Name of parent or guardian.

(b) Business or profession of parent or guardian.

(c) Monthly income of parent or guardian.

(d) Capacity of parent or guardian to supplement student's resources.

6. Particular branch of scientific or technical work in which training is required.

7. Minimum period of training desired.

8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? if so, nature of such employment.

Civil Engg

Sanitary Engineering	1. K. Balasubramanyam	1945-46	M.Sc. Tech. Municipal Engg. (2½ years) at Manchester College of Technology.. (U.K.)
	2. T.K. George	1946-46	——— do ——— (U.K.)
	3. Mahmood Mia Khan	1946-47	Glasgow University (U.K.)
Highway Engineering	1. M. Abdus Samad	1945-46	Civil Engg. at University of Utah, (U.S.A.)
	2. T. Prem Sagar	1945-46	——— do ——— (U.S.A.)
	3. A.F.D. Gonsalves	1945-46	California Inst., (U.S.A.)

FORM "B".

(123)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.
(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

5. (a) Name of parent or guardian.
   (b) Business or profession of parent or guardian.
   (c) Monthly income of parent or guardian.
   (d) Capacity of parent or guardian to supplement student's resources.

6. Particular branch of scientific or technical work in which training is required.

7. Minimum period of training desired.

8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? if so, nature of such employment.

Civil Engg

Hydrology in relation to tube and bore-wells	1. Mahmood Hussain	1946-47	Admission not secured (U.S.A.)
Reinforced concrete and prestressed structures	1. B. Shaik Umar	1946-47	Admission not secured (U.K.)
Public Health and medical buildings (and architecture)	1. J. Satyanarayanamurty.	1946-47	Admission not secured (U.K.)

FORM "B".

(124)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.
(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

5. (a) Name of parent or guardian.
   (b) Business or profession of parent or guardian.
   (c) Monthly income of parent or guardian.
   (d) Capacity of parent or guardian to supplement student's resources.

6. Particular branch of scientific or technical work in which training is required.

7. Minimum period of training desired.

8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? if so, nature of such employment.

(U.S. 9)

Civil Engg –

Rivers Conservancy and flood control.	1. K. Ramesh Rao	1945-46	?
Soil Mechanics	1. T. Trivikrama Shenoy	1945-46	Civil Engineering. Ph.D. at Rothamsted Experimental Station, Liverpool University U.K.
Soil mechanics of the earthern and composite dams.	1. V. Venkateswaramanian	1946-47	Soil mechanics of earthern and composite dams at Minnesota University, U.S.A.
Soil mechanics with Special reference to foundations.	1. S. Panchanathan	1946-47	Admission not Secured. (U.K.

FORM "B".

(125)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.
(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

5. (a) Name of parent or guardian.
   (b) Business or profession of parent or guardian.
   (c) Monthly income of parent or guardian.
   (d) Capacity of parent or guardian to supplement student's resources.

6. Particular branch of scientific or technical work in which training is required.

7. Minimum period of training desired.

8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? if so, nature of such employment.

For absorption in the Public Works, Electricity and Highway Depts.

Subject	Name of candidate selected	year in which selected	Exact subject for which admission has been possible to secure.
Electrical Engineering	1. M.M. Kini	1946-47	Both candidates have relinquished their scholarships. Substitute names have been recommended to the Govt of India for appl.
	2. Capt. S. G. Reddi	1946-47	
Civil Engineering			
Irrigation research	1. J. Amruthraj Murray	1945-46	Masters Engg. Course to be followed by practical training (3 yrs.) Research in "Ground water flow and its applns. to irrigation problems" at Sheffield University, (U.K.)
Dam Construction	1. P. Sivalingam	1945-46	California University Dam Construction, (U.S.A)
	2. M. Bhaskar	1946-47	Dam Construction at Minnesota University, U.S.A.

28. V.P. Srinivasan, 10, Extensive Reddi St., Ramanayakpur, Cuddalore, Cuddalore

29. B.S. Ramakrishna, Lecturer in Physics, Sir C.R.Reddy Municipal College, Eluru West Godavari

30. V. Balieh, Lecturer in Chemistry, Sir C.R. Reddy Municipal College, Eluru, West Godavari

31. C. Ranganatha Reddy, Department of Bio-Chemistry, Indian Institute of Science, Bangalore

32. T. Premsagar, C/O Sri T. Radhakrishnan, M.A., B.A.I.(T.C.D.), Assistant Instructor, College of Engineering, Saidapet P.O. Chingleput.

33. V. Kandaswamy, Vallipuram, Kalathur, (Via) Chingleput Dt.

34. C.B. Ramakrishna Reddi, C/O. N. Bhaskara Reddi, Kalikiri P.O., Chittoor Dt.

35. Poduri Chalapathi Rao, C/O. Rao Sahib P.Venkaiya, District Munsif, [illegible] Vizagapatam.

36. P. Sivalingam, Old Agraharam, Melur, Madura Dt.

37. R.G. Narayanamurthi, Ponnurangam Road, R.S.Puram, COIMBATORE.

38. R. Ramanadham, C/O.R.L. Narasimham, Vakil, Chicacole, Vizagapatam.

39. G. Ramakrishnan, C/O Mr. T. Rangaswami Naidu The European Wine Store, Imperial Bank Road, COIMBATORE.

40. M. Shivarama Hegde, Kemmannu Post, SOUTH KANARA DISTRICT

41. S. Paramanandhan, South Main St., Mayavaram, TANJORE

42. Mothil Vasudevan, Aeronautical Engineering Dept., Indian Institute of Science, Malleswaram, Bangalore.

43. M. Prabhanjana Murti, C/O. Matam Narayanachar, Vakil, Anantapur.

44. T.R. Govindachari, 25, Thanikachalam Chetty Road, Thyagarayanagar, MADRAS

45. V.S. Srinivasa Gopalan, 25, Ranganatham St., Thyagarayanagar, MADRAS

46. V.M. Iswaran Nambissan, G.C. Dept., Indian Institute of Science, Malleswaram, Bangalore

47. C.K. Chandran, No. 1, Sarangapani St., Thyagarayanagar, MADRAS

(121)

Other technical Subjects			
Ceramics and manufacture of ceramic ware.	1. J. L. Paramani	1945-46	Diploma Course in Pottery (till July 1947) at North Staffordshire Technical College, Stoke-on-Trent. (U.K.)
	2. D.S. Jagannadha Rao	1946-47	Admission Secured at North Staffordshire Technical College, Stoke-on-trent. (U.K.)
Lithography and printing technology:	1. T.V. Sukumaran	1946-47	Admission not Secured.
Canning and food preservation	1. C. Narasimhachari	1945-46	Food Technology at California Instt., (U.S.A)
	2. M. Giriraj	1946-47	——— do ——— (U.S.A.)
	3. R. Ramamurti Reddi	1946-47	on his own initiative Candidate has Secured admission at Massachusetts State College, Amherst U.S.A. Permission of Govt. India ~~Sought~~ awaited to allow Candidate to proceed to (U.S.A.).

28. V.R. Srinivasan, 12, Bharathi Reddi St., Ramasamipuram, Cuddalore. Cuddalore

29. B.S. Ramakrishna, Lecturer in Physics, Sir C.R.Reddy Municipal College, Eluru West Godavari

30. V. Baliah, Lecturer in Chemistry, Sir C.R. Reddy Municipal College, Eluru, West Godavari

31. C. Ranganatha Reddy, Department of Bio-Chemistry, Indian Institute of Science, Bangalore

32. T. Premsagar, C/O Sri T. Radhakrishnan, M.A., B.A.I.(T.C.D.), Assistant Instructor, College of Engineering, Saidapet P.O. Chingleput.

33. V. Kandaswamy, Vallipuram, Kalathur, (Via) Chingleput Dt.

34. C.B. Ramakrishna Reddi, C/O. N. Bhaskara Reddi, Kalikiri P.O., Chittoor Dt.

35. Poduri Chalapathi Rao, C/O. Rao Sahib P.Venkaiya, District Munsif, [illegible], Vizagapatam.

36. P. Sivalingam, Old Agraharam, Melur, Madura Dt.

37. R.G. Narayanamurthi, Ponnurangam Road, R.S.Puram, COIMBATORE.

38. R. Ramanadhan, C/O.R.L. Narasimham, Vakil, Chicacole, Vizagapatam.

39. G. Ramakrishnan, C/O Mr. T. Ranganswami Naidu, The European Wine Store, Imperial Bank Road, COIMBATORE.

40. K. Shivarama Hegde, Kemmannu Post, SOUTH KANARA DISTRICT

41. S. Paramanandhan, South Main St., Mayavaram, TANJORE

42. Mathil Vasudevan, Aeronautical Engineering Dept., Indian Institute of Science, Malleswaram, Bangalore.

43. M. Prabhanjana Murti, C/O. Matam Narayanachar, Vakil, Anantapur.

44. T.R. Govindachari, 25, Thanikachalam Chetty Road, Thyagarayanagar, MADRAS

45. V.S. Srinivasa Gopalan, 25, Ranganatham St., Thyagarayanagar, MADRAS

46. V.M. Iswaran Nambissan, G.C. Dept., Indian Institute of Science, Malleswaram, Bangalore

47. C.K. Chandran, No. 1, Sarangapani St., Thyagarayanagar, MADRAS

Other forms of applied Science Manufacture of micanite	1. B. Krishnaswami	1946-47	Research at the Dept. of Organic Chemistry, Liverpool University (U.K.)
Aeronautical Engg Ground Engg.	1. M.V. Rama Rao	1946-47	Postgraduate certificate course in Aeronautics at Queens University Belfast, (U.K.)
	2. R.G. Narayanamurthi	1945-46	Special Course to be followed by Ph.D. – Aeronautical Engg. at Imperial College, (U.K)
Marine Engineering Marine engg. and design of ships, Power boats.	1. J.V. Narasimham	1945-46	B.Sc (Hons.) Marine Engg. Durban University — 3 years including 1 year practical Training Sunderland Tech. College – (U.K.)
	2. K.N. Gopinath Menon	1946-47	Admission not secured. (U.K.)
Other Technical Subjects Tobacco blending and Cigarette making	1. S.R.A. Seshadri	1945-46	do – (U.S.A)

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29. B.S. Ramakrishna, Lecturer in Physics, Sir C.R.Reddy Municipal College, Eluru West Godavari

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35. Poduri Chalapathi Rao, C/O. Rao Sahib P.Venkaiya, District Munsif, [illegible], Vizagapatam.

36. P. Sivalingam, Old Agraharam, Melur, Madura Dt.

37. R.G. Narayanamurthi, Ponnurangam Road, R.S.Puram, COIMBATORE.

38. R. Ramanadham, C/O.R.L. Narasimham, Vakil, Chicacole, Vizagapatam.

39. G. Ramakrishnan, C/O Mr. T. Ranga Swami Naidu, The European Wine Store, Imperial Bank Road, COIMBATORE.

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47. C.K. Chandran, No. 1, Sarangapani St., Thyagarayanagar, MADRAS

Applied Chemistry

Chemistry of insecticides and fungicides	1. N.V. Subba Rao	1946-47	Chemistry of Insecticides and fungicides
Manufacture of drugs and pharmaceuticals	1. Miss Roshan J. Irani	1946-47	Research at the Dept. of Organic Chemistry, Liverpool University (UK)

Applied Physics

Fuel Technology and design of furnaces and Kilns.	1. M. J. Matthews	1946-47	Bagi
Sound technology, Accoustics and recording	1. B.S. Ramakrishna	1945-46	(Sound Technology) at Illinois Inst. of Technology, (U.S.A).
	2. Vepa Ramakrishna	1946-47	Admission not Secured.
Soil Physics	1. C. Dakshinamurthi	1946-47	"Radiation and heat exchange at the Surface of Soil and Vegetation" at the Physics Dept of the Agricultural Experimental Station, Rothamsted, (UK)

28. V.R. Srinivasan, [illegible]
Gandi St., [illegible]
Cuddalore, Cuddalore

29. B.S. Ramakrishna, Lecturer in Physics, Sir C.R.Reddy Municipal College, Eluru West Godavari

30. V. Baliah, Lecturer in Chemistry, Sir C.R. Reddy Municipal College, Eluru, West Godavari

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33. V. Kandasvamy, Vallipuram, Kalathur, (Via) Chingleput Dt.

34. C.S. Ramakrishna Reddi, C/O. N. Bhaskara Reddi, Kalikiri P.O., Chittoor Dt.

35. Poduri Chalapathi Rao, C/O. Rao Sahib P.Venkaiya, District Munsif, [illegible] Vizagapatam.

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41. S. Parasuvanandhan, South Main St., Mayavaram, TANJORE

42. Methil Vasudevan, Aeronautical Engineering Dept., Indian Institute of Science, Malleswaram, Bangalore.

43. M. Prabhankara Murti, C/O, Natam Narayanachar, Vakil, Anantapur.

44. T.R. Govindachari, 25, Thanikachalam Chetty Road, Thyagarayanagar, MADRAS

45. V.S. Srinivasa Gopalan, 25, Ranganatham St., Thyagarayanagar, MADRAS

46. V.M. Iswaran Nambissan, G.C. Dept., Indian Institute of Science, Malleswaram, Bangalore

47. C.K. Chandran, No. 1, Sarangapani St., Thyagarayanagar, MADRAS

(121)

Applied Chemistry

Manufacture of dyes and tinctorial chemistry	1. T.R. Govindachari	1945-46	Illinois Inst. of (U.S.A).
	2. A.P. Mahadevan	1945-46	Research — Dyes and tinctorial chem. at Huddersfield Tech!. College, (U.K)
Plastics and manufacture of products like Bakelite.	1. C.D. Srinivasan	1946-47	Admission not Secured (U.S.A).
	2. P. Prabhakara Reddy	1946-47	If no facilities for "Films" (in U.K) are available, he will get "Plastics" in (U.S.A.)
Manufacture of artificial Silk and Nylon.	1. V.R. Srinivasan	1945-46.	Textile research on "Absorption of metallicios by wood and other fibres" — About 2½ years. at Leeds Univ (U.K)
Manufacture of fertilizers	1. V.S. Srinivasagopalan	1945-46	"Fertilizers" at Purdue Univ, (U.S.A)
Oil technology and hydrogenation.	1. P. Chalpathi Rao	1945-46	at Toronto, (Canada)
	2. K.T. Achaya	1946-47	Oil Technology and hydrogenation at Liverpool University (U.K.)
	3. F.G.T. Menezes	1946-47	Admission not Secured (U.K.)

28. V.R. Srinivasan, [illegible]
Gaddi St., [illegible]
Cuddalore, Cuddalore

29. B.S. Ramakrishna, Lecturer in Physics, Sir C.R.Reddy Municipal College, Eluru West Godavari

30. V. Baliah, Lecturer in Chemistry, Sir C.R. Reddy Municipal College, Eluru, West Godavari

31. C. Ranganatha Reddy, Department of Bio-Chemistry, Indian Institute of Science, Bangalore

32. T. Premsagar, C/O Sri T. Radhakrishnan, M.A., D.A.I.(T.C.D.), Assistant Instructor, College of Engineering, Saidapet P.O. Chingleput.

33. V. Kandaswamy, Vallipuram, Kalathur, (Via) Chingleput Dt.

34. C.B. Ramakrishna Reddi, C/O. N. Bhaskara Reddi, Kalikiri P.O., Chittoor Dt.

35. Poduri Chalapathi Rao, C/O. Rao Sahib P.Veeraiya, District Munsif, [illegible] Vizagapatam.

36. P. Sivalingam, Old [illegible]raheram, Melur, Madura Dt.

37. R.G. Narayanamurthi, Ponnurangam Road, R.S.Puram, COIMBATORE.

38. R. Ramanadham, C/O.R.L. Narasimham, Vakil, Chicacole, Vizagapatam.

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47. C.K. Chandran, No. 1, Sarangapani St., Thyagarayanagar, MADRAS

DEI

Chemical Engg:

Manufacture of films	1. C. Narasimhachari	1945-46	As facilities are not available for "Films" in U.S.A candidate is studying "Food Technology" at California Univ. (U.S.A)
	2. P. Prabhakara Reddy	1946-47	——— Admission not Secured. (U.K.) If no admission for "films" is possible candidate will go to U.S.A for "Plastics"
Electro Chemistry with special reference to acids.	1. M. Prabhanjanamurti	1945-46	——— Admission not Secured (U.S.A)
	2. S.C. Rajagopalan	1946-47	——— do ——— (U.S.A)
	3. H. Venkatakrishna Udupa	1946-47	——— do ——— (U.S.A.)

Applied Chemistry

Manufacture of Comm.l Solvents.	1. V. Jagannathan	1945-46	"Commercial Solvents" at Stanford University (U.S.A.)
	2. V. Baliah	1945-46	——— do ——— (U.S.A)
Leather chemistry and treatment of leather	1. T. Rajagopal Rao	1946-47	Admission not Secured (U.S.A)

28. V.R. Srinivasan, 10, Sadasiva Reddi St., Tirupapuliyur, Cuddalore, Cuddalore

29. B.S. Ramakrishna, Lecturer in Physics, Sir C.R.Reddy Municipal College, Eluru West Godavari

30. V. Baliah, Lecturer in Chemistry, Sir C.R. Reddy Municipal College, Eluru, West Godavari

31. C. Ranganatha Reddy, Department of Bio-Chemistry, Indian Institute of Science, Bangalore

32. T. Premsagar, C/O Sri T. Radhakrishnan, M.A., B.A.I.(T.C.D.), Assistant Instructor, College of Engineering, Saidapet P.O. Chingleput.

33. V. Kandaswamy, Vallipuram, Kalathur, (Via) Chingleput Dt.

34. C.B. Ramakrishna Reddi, C/O. N. Bhaskara Reddi, Kalikiri P.O., Chittoor Dt.

35. Poduri Chalapathi Rao, C/O. Rao Sahib P.Venkaiya, District Munsif, [illegible] Vizagapatam.

36. P. Sivalingam, Old Agraharam, Melur, Madura Dt.

37. R.G. Narayanamurthi, Ponnurangam Road, R.S.Puram, COIMBATORE.

38. R. Ramanadham, C/O.R.L. Narasimham, Vakil, Chicacole, Vizagapatam.

39. G. Ramakrishnan, C/O Mr. T. Rangaswami Naidu, The European Wine Store, Imperial Bank Road, COIMBATORE.

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47. C.K. Chandran, No. 1, Sarangapani St., Thyagarayanagar, MADRAS

Electrical Engg			
Design and manufacture of Radio sets.	1. Capt. M. K. Rao	1946-47	Capt. Rao has relinquished his scholarship and a substitute has been suggested to the Govt. of India. (U.S.A)
Electroplating	1. V. M. Iswaran Nambissan	1945-46	Research Ph.D Course - Electroplating at Loughborough College, U.K.
Manufacture of electric lamps and accessories	1. T.K. Sivasankaran	1946-47	Admission not Secured (U.K.)
Manufacture of electric fans, small motors and starters.	1. R. Padmanabhan	1946-47.	——— do ——— (U.K.)
Chemical Engg			
Wood and lignite distillation ~~& products~~. and utilization of products	1. C. Ranganatha Reddy	1945-47	Till now studying "Coal Carbonisation" at Leeds University, U.K. Proposed to be sent to U.S.A. for "wood and lignite distillation"
	2. C.V. Subbaratnam	1946-47	——— Admission not Secured (U.K.)
Manufacture of Paints	1. M. Narasimha Rao	1946-47	— Admission not Secured (U.K.)

FORM "B".

(132)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.

(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

5. (a) Name of parent or guardian.
   (b) Business or profession of parent or guardian.
   (c) Monthly income of parent or guardian.
   (d) Capacity of parent or guardian to supplement student's resources.

6. Particular branch of scientific or technical work in which training is required.

7. Minimum period of training desired.

8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? if so, nature of such employment.

Mechanical Engg (Contd)			
Design and manufacture of Centrifugal pumps, deepwell borewell and tube well pumps and air lift pumps.	1. C. R. Chandrasekharan	1946-47	Admission not secured (U.K.)
	2. R. Krishnamurthi.	1946-47	Admission not secured (U.K.)
Manufacture, installation and testing of boilers.	1. S. Murugesan	1946-47.	——do—— (U.K.)
Electrical Engg:—			
Design and manufacture of electric meters.	1. B. Muhammad Ibrahim	1945-46.	Electrical Engg., at Stanford University (U.S.A.)
Manufacture of batteries and dry cells.	1. R. Ramanadhan	1945-46	At Marconi College of Wireless for a Senior Course of Prac. trg. (U.K.)
	2. M. Rajasekhara Sarma	1946-47	Electrical Engg (Electro-technics) leading to M. Engg. degree at Liverpool University.
	3. T. N. Venkataraman	1945-46	Resigned. A substitute has been recommended to G. of India.

FORM "B".

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.
(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

5. (a) Name of parent or guardian.
   (b) Business or profession of parent or guardian.
   (c) Monthly income of parent or guardian.
   (d) Capacity of parent or guardian to supplement student's resources.

6. Particular branch of scientific or technical work in which training is required.

7. Minimum period of training desired.

8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? If so, nature of such employment.

For absorption in Industries

Subject	Name of candidate selected	Year in which selected	Exact Subject for which admission has been possible to secure.
Mechanical Engineering Design and manufacture of machine tools	1. G. Ramakrishnan	1945-46	Mechl. Engg (machine tools) at Michigan University, (U.S.A)
	2. Balaram Nadhan	1946-47	Admission not Secured. (U.K.)
Design and manufacture of Pulverising and grinding machinery including machinery for buildings and roads.	1. P.D. Kumaresan	1945-46	Practical training with Christy and Norris of Chelmsford — Design and manufacture of Pulverising machinery — 3 years. (U.K.).
Design and manufacture of cutting tools, like files etc.	1. S. Balaraman	1945-46	Mech. Engg. at Stanford Univers (U.S.A.)
Manufacture of agricultural implements	1. G. Visvanatha Rao	1945-46	(U.S.A)
	2. Seth Balasundar	1946-47	Admission not Secured (U.S.A)

FORM "B".

(134)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.
(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

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7. Minimum period of training desired.

8. Institution, if any, suggested for training.

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Electrical Communication Engineering :—			
Radio Comm.n	1. Ganti Subrahmanyam	1945-46	Electrical Engg. (Communications) at Stanford University (U.S.A)
Wire Comm.n	1. K. Shivarama Hegde	1945-46	Wireless Communications at Stanford University, (U.S.A)
	2. N.V. Kudva.	1945-46	Electrical Engg (Communications) at Stanford University (U.S.A)

FORM "B".

1. Name & Address.

2. Age.

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(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

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10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? If so, nature of such employment.

Civil Engineering — Structural Engg.	1. G. S. Ramaswami	1945-46	Civil Engineering at California Institute of Technology (U.S.A)
	2. K. Krishnamacharyulu	1946-47	Civil Engineering (U.K.)
Civil Engineering — Highway Engineering	1. C. G. Swaminathan	1945-46	Highway Engg M.Sc. at Manchester University (U.K.)
Civil Engineering — ~~Municipal Engg.~~ Public Health Engg	1. Dayandada Konchady	1946-47.	Harvard University for Sanitary Engg. (U.S.A)

FORM "B".

(137)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended.	Dates.	Examinations passed with class, where known.
(b) University or institution of equivalent status attended.	Dates.	Examinations passed with class, where known.

4. Industrial or professional experience, if any.

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8. Institution, if any, suggested for training.

9. If in Govt. service, nature of post (i.e., sort of work he is doing), salary or scale of pay and terms (i.e., leave terms with details).

10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? if so, nature of such employment.

Electrical Engineering — Generation, transmission and utilisation of electric Power.	1. R.S. Savoor	1946-47	Admission secured in Illinois Inst., U.S.A. (Govt. of India's permission to send the Candidate to U.S.A. is awaited.)
	2. M. Muthukrishnudu	1946-47	Admission not secured. (U.K.)
Electrical Engineering — Electrical measurements	1. L.R. Saptarishi	1946-47	Admission not secured. (U.K.)
Electrical Engineering — Electrical machinery and design.	1. L.G. Narayanaswami	1945-46	Practical training with Metropolitan Vickers — 18 months and Diploma Course at Imperial College of Science, London (U.K.)
	2. C.K. Chandran	1945-46.	Electrical Engg — Machinery and design. at Illinois Inst. of Technology, U.S.A.

FORM "B".

(138)

1. Name & Address.

2. Age.

3. Educational qualifications.

(a) High school/schools attended. Dates. Examinations passed w class, where kno

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10. If not already in Govt. service, will Provincial Govt. guarantee employment after training? if so, nature of such employment.

For Supplying of the teaching personnel in the Engg. Colleges.

Subject	Name of candidate Selected.	year in which selected.	Exact subject for which admission has been possible to Secure.
Mechanical Engineering — Heat and hydraulic Engineering	1. T. Abdulla Hussain	1945-46	1. Mechl. Engg — California Institute, U.S.A.
	2. James C.V. Chinnappa	1945-46	2. Mechanical Engg. (3 yrs.) at City and Guilds. (U.K).
	3. N. Siddeswara Sastry	1946-47	3. Admission not yet Secured (U.K)
Mechanical Engineering — Industrial and administrative Engineering	1. Nulraj Joseph	1945-46	Industrial administration in Manchester College of Technology (U.K.) (Taught by non-Engineers)
	2. S. Ramalingam	1946-47	Industrial administration Manchester College of Technology.

27-1-72