Scott. II-27—60,004—17-11-48

EPH (1949) Department.

Ms SERIES.

G.O. NO. 3915 Ed

Dated 24/12/49.

p. 18

9

92

[Despatch Abstract.]

M.E.S. – Sri P. Bhyravamurti, Engg. College officer – Extension of study leave — Granted in relaxation of rule

Back Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	2851 25.10.48						

G.O.	N
	Rt 357 2-8-51

1

No. F.4-2/D-8/47.S.II,
Government of India,
Ministry of Education,

New Delhi 3, 28 ~~July~~, 1949.

ASST. SECRETARY TO GOVERNMENT
3 - AUG 1949
EDUCATION AND PUBLIC HEALTH DEPT.

From

The Secretary to the Government of India.

To

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

59078

SUBJECT:- SCHOLARSHIPS FOR ADVANCED STUDIES OVERSEAS (1947-48)-REPORT IN RESPECT OF PROVINCIAL GOVERNMENT'S DEPUTATIONIST IN UNITED STATES OF AMERICA.

DIRECTOR OF PUBLIC INSTRUCTION
11 AUG 1949
MADRAS

C.No. 2507 E3/49

Sir,

I am directed to forward herewith for the information of the Provincial Government, a copy of the progress report in respect of Mr. P. Bhyravamurthy a Madras Government 1947 deputationist.

The Provincial Government may kindly forward suggestions, if any from the point of view of the employment which Mr. Bhyravamurthy is expected to take up on his return.

Yours faithfully,
Vikram Singh 29/7
(VIKRAM SINGH)
for Secretary.

TANEJA
29.7.49

Education and Public Health
department (A)

Endt. No. 59078-A-1 — Edn., d/- 10-8-49.

Referred to the Director of Public Instruction for remarks.

Asst. Secy. to Govt.
7.8.49

To The Director of Public Instruction (with enclosures to be [illegible])

9 2

PROGRESS REPORT

FORM 4 ③

NOTE TO STUDENTS

I. In every case, it is essential for you to state the degree, if any, for which you are studying. The likely date of taking the degree should in all cases be mentioned. If you are not studying for a degree, please mention the likely date when you hope to complete the course, of study you are pursuing. Where you have already taken a degree, please give the date of taking it, and state what you have been doing since taking the degree, and when you hope to complete the course, or training you are undergoing at present. Of the four copies that are being sent to you, three are to be returned; one is for your record.

DIRECTOR OF PUBLIC INSTRUCTION
23 OCT 1949
MADRAS

II. This report must be submitted through your Professor or Supervising authority in-charge. (See reverse).

Name in Block Capitals P. BHYRAVAMURTHY. File No. G667/47.

Scholarship/ Study Leave/ Deputationist Deputationist.

SPONSORING AUTHORITY Government of Madras.

1. Date of arrival in U.S.A. September 9, 1948.
2. Subject for which selected Irrigation and Dam Design.
@ 3. Course of study or training undertaken Irrigation and Dam Design.
4. Degree sought/~~obtained~~ Master of Civil Engineering (MCE)
5. Approximate date of degree-award December 31, 1949.
6. Institution in which student is pursuing study/~~training~~ Speed Scientific School, University of Louisville, Louisville (Ky)
@ 7. Course of study or training attended during period under review CE 524, CE 673, CE 681, CE 691, Eng 562, Maths 672, CE 531, CE 671 CE 683, CE 581, CE 693, Maths 673, CE 674, CE 532, CE 694, CE 684, Maths 674.
Ⓧ@ 8. All Examinations (including subjects) taken, with dates, and results. (In the final examination the degree or diploma obtained should be stated, with subjects taken, and honours, if any.) The grades obtained in the final examination, must be stated. Grades should be explained. Seperate sheet enclosed.
Date of Examination held. December 5-11, 1948
March 14 - 19, 1948 and June 6-11, 1948.
9. Any Prizes or other Distinctions Nil.
10. FOR STUDENTS TAKING PRACTICAL TRAINING:
Name of Concern: Date of Joining: Stay to last until: Nature of Training:

PTO

11. This Report covers period beginning from September 10, 1949 and lasting up to June 15, 1949.

12. University or Institution Supervisor's Report on the work of the student during the period under review:

The work of Mr. P. Bhyravamurthy has been satisfactory. He is very much interested in his work, and has taken several inspection trips to engineering works. This summer will be spent on practical training on engineering projects. He is of a studious turn of mind, and spends considerable time in library reference work. His past experience as a college teacher stands him in good stead, and I believe that he will make an excellent record as a teacher, should he return to this field of endeavor. With the practical experience he will obtain on large American engineering projects, he should be a valuable asset to an engineering project in his native country.

Date June 17, 1949 Signature M B Wendt

13. Observations of the Education Department, Embassy of India.

During the year he has covered much ground well

Date ____________ Signature ____________________

Signature of Student P. Bhyravamurthy

Place Louisville (Ky.) U.S.A.

Date June 16, 1949.

Course		
CE 524	Technical Reports.	B
C.E 673	Advanced Reinforced Concrete	B
C.E 681	Seminar	B
CE 691	Research	B
Eng 562	Enginemming Jurisprudence	B
Maths 672	Partial Defferential Eqns	B
CE 531	Soilmechanics I	B
CE 671	Concrete Dams	B
CE 683	Seminar	B
CE 581	Plain Concrete	B
CE 693	Research	B
Maths 673	Adv.Defferential Eqns.	B
CE. 674	Stress Analysis	C
CE 532	Soilmechanics	A
CE 694	Research	B
CE 684	Seminar	B
Maths. 674	Interpretation of Data	B

Grade	Meaning	Quality points
A	Excellent, that is passed with distinction	3
B	Good, passed with credit.	2
C	Fair, that is average attainment	I
D	Passing with but poor	00.
F	Failure	*-1.0
I	Incomplete	-I.0

P. Bhyravamurthy

✓ [illegible]

Ⓢ E-O.H.(A)

5

1/2
4/1/2-10

Memo no 59078 A-2 -Edn., d/- 19.10.49

Advanced studies overseas - Sri P. Shyravamurti Instr. in civil Engg. - Suggestions as to nature of trg.

p.1 ante

The D.P.I. is requested to expedite his reply to Govt. Endt. no. 59078-A-1, d/-10.8.49.

19/10/49

(~~Sent in PP~~)

PS 18.10.49

To the D.O. ✓

THE EDUCATION DEPARTMENT
EMBASSY OF INDIA

2111 MASSACHUSETTS AVENUE, N.W.
WASHINGTON, D. C.

⑥ 6

5 NOV 1949

Our File No. G.667/47. ~~ADDRESS ALL CORRESPONDENCE TO THE EDUCATIONAL LIAISON OFFICER FOR INDIA~~ October 25th., 1949.

A

Ed Reg

Sub: Mr. P. Bhyravamurthy,
Madras Gov. Deputationist,
Your Ref: No. F.4-2/D-8/47-S.2.

86144

I am to enclose herewith copy of a letter dated October 11th, 1949, as per which Professor Wendt has outlined what the student has done and has further stated that in his opinion the student should spend a period of one year at the Bureau of Reclamation.

There is nothing on record to indicate exactly how long this student's deputation period lasts, but it is assumed that as there have been no insturctions to the contrary this period is to come to an end on September 8th., 1950, that is two years after his date of arrival in this country. If this assumption is correct kindly indicate what this student should do immediately following his M.S., which degree he should receive by the end of the year 1949.

It may be noted that the Bureau of Reclamation has indicated that in no case will it now receive students for practical training for a period less than one full year. This may kindly be borne in mind when making suggestions for practical training, and it may also be intimated whether student is to be returned to India immediately after his M.S. or not.

It is hoped that a very early reply may be sent.

Yours faithfully,

(P. Gangulee.)
for Education Secretary.

PG/D

A copy of this letter, with enclosure, is being sent on direct to the Secretary to the Government of Madras, Department of Education and Public Health, Madras, for his comments and advice.

①

THE EDUCATION DEPARTMENT
EMBASSY OF INDIA

2111 MASSACHUSETTS AVENUE, N.W.
WASHINGTON, D.C.

~~TO THE EDUCATIONAL LIAISON~~
~~OFFICER FOR INDIA~~

COPY

UNIVERSITY OF LOUISVILLE
LOUISVILLE 8, Kentucky.

October 11, 1949.

Dr. G. S. Krishnayya,
Embassy of India,
Education Department,
2107 Massachusetts Avenue, N.W.,
WASHINGTON 8, D.C.

Dear Dr. Krishnayya:

Answering your letter of Oct. 4 relative to Mr. Bhyravamurthy, I am happy to give you the following information.

Mr. Bhyravamurthy has adhered closely to the program forwarded to you by Dean Ernst on December 13, 1948, with these changes necessary to conform to our schedule of classes. He has taken, or is taking, all the subjects outlined in that program with the exception of Engineering, 543, Management and Labor, and Engineering 544, Engineering Economy, both of which are undergraduate classes. He has replaced these two undergraduate courses by two graduate courses in Mathematics, which field is his minor in the graduate school.

Upon completion of the subjects which he is taking during the present Fall Quarter, and upon the completion of the writing of his thesis, he should receive the Master's Degree in Civil Engineering.

I am especially glad to report that as far as his work with me is concerned it has been satisfactory. An example of this ocurred this week in my class in Seminar, at which time he gave a very good technical description of his work whith the Corps of Engineers and the Bureau of Reclamation on his practical training job out West during the past summer. He has informed me upon several occasions that his life work may be in the field of technical education, and it is my opinion that he would be successful in this field.

K

Regarding his practical training after receiving his Master's Degree, I would suggest a minimum of one year with the Bureau of Reclamation and I would divide this year's work as follows: irrigation as applied to dams, 3 months; planning section, 3 months design of dams, 3 months; and concrete laboratory, 3 months.

He has had an excellent course in geology as an undergraduate student. We have no graduate courses in geology. I had, therefore, recommended, if it is at all possible that he be given an opportunity to take at least one additional course in geology on a graduate level.

P.T.O.

If you desire further information relative to Mr. Bhyravamurthy, please do not hesitate to write me.

Very truly yours,

"W. B. Wendt."
Professor of Civil Engineering.

---

(8) 8 E.O.H. (A)

Memo. No. 59078-A-3 — Edn., d/- 14.11.49.

Advanced studies overseas — Sri P. Bhyravamurti, dshr. in Civil Engg. — Suggestions about practical trg.

Copy recd. from the Indian Embassy, U.S.A., of their letter No. 9.667/47, d/- 25.10.49, to the S. Gd, is forwarded to the D.P.I. The Dir. is requested to forward his remarks on the letter immediately. Reply to ~~Memo~~ Endt. No. 59078-A-1, d/- 10.8.49, is due from him & he shd. send it also immediately.

P.J.
14.11.49

OSM
14/11/49

14/11/49

ES
14/15-11

pp. 6-7 ante ~~E.F. 2-7~~

~~See E.F.~~ 1
p. 1 ante

To The D.P.I.
(with copy of E.F. 2-4).

despd with
BRH
18.11.

9

Office of the Director of Public Instruct
Madras, dated 14th November, 1949.

Rc. 189 C1/49.

Sub: Advanced Studies overseas - Sri P.Bhyravamurti - suggestions as to nature of trainings.

Ref: Government Endorsement No.59078-A1 Education dated 10.8.49.

-----

18 NOV 1949
EDUCATION AND PUBLIC H

Resubmitted.

2. On return from the U.S.A. after the completion of his studies Sri P.Bhyravamurti is likely to be employed on the teaching staff of Engineering Colleges.

3. The scholar may continue and complete his present course. He may be given practical training in Engineering projects during vacation.

90271

FOR DIRECTOR OF PUBLIC INSTRUCTION.

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

MB 15.11

15/11/49

10

(10)

21 NOV 1949

Our Ref: G.667/47
November 15, 1949.

90868

21 NOV 1949

Mr. P. Bhyravamurthy,
219 W-Hill Street,
LOUISVILLE, Kentucky.

Dear Mr. Bhyravamurthy:

I am acknowledging receipt of your letter of October 28th., 1949.

As I have explained to you before, the Bureau of Reclamation will not take in any student for training for a period of less than one year. On once again checking up our file I note that the sanctioned tenure is up to the 10th. August, 1950, and presumably this is the date by which you should report for work in India. As against this, your training at the Bureau can only begin around the 1st. ~~June,~~ Jany. 1950, and would in fact make it impossible for you to stay there beyond the end of JUne unless, of course, your Government sanctions an extension of your stay and allowance in the U.S.A. up to the end of 1950.

I do not know whether you will find it at all possible to make any other arrangements for your training since the Bureau of Reclamation seems to be an impossibility. Perhaps we could get in touch with Professor Wendt and ask him to make an alternative suggestion.

I am afraid if nothing can be done about your training after you have taken your M.S. degree we will have to make your passage arrangements.

With best wishes,

Yours sincerely,

(P. Gangulee.)

PG/D

Copy forwarded to the Secretary to the Government of Madras, Department of Education and Public Health in continuation of endorsement to our letter dated October 25th. Please cable immediately whether or not you agree to student's Extension of Scholarship period up to the end of 1950 – for Bureau of Reclamation training

p. 6

Yours faithfully,

(P. Gangulee.)
for Education Secretary.

EMBASSY OF INDIA,
Education Department,
2107 Massachusetts Ave.,
WASHINGTON, D.C.

AIR LETTER

G.667/47
15/11/49

Secretary to the Government of
Madras,
Department of Education & Health,
MADRAS, India.

VIA AIR MAIL
PAR AVION

WASHINGTON D.C. NOV 15 10-PM 1949

THROUGH YOUR COMMUNITY CHEST

FIRST FOLD

SECOND FOLD

IF ANYTHING IS ENCLOSED, THIS LETTER
WILL BE SENT BY ORDINARY MAIL.

Immediate.

E.S.H.(A)

(11)

~~Endt~~ Memo. no. 59078-A-4-Edn., d/- 24.11.49.

Sri P. Bhyravamurti, Engg. College Officer, undergoing advanced studies in U.S.A. — Practical training.

Ref:- From the D.P.I., no. 189-C1/49, d/- 14.11.49

Cf. 9

p. 9 Cf.
p. 10 Cf.

In continuation of Memo. no. 59078-A-3-Edn., d/- 14.11.49, copy of an endt. d/ 15.11.49, recd. from the Edn. Secy., Indian Embassy, U.S.A., is forwarded to the D.P.I. He is requested to report immediately whether he considers it necy. that Sri Bhyravamurti shd. undergo practical training (for one year) with the Bureau of Reclamation after he receives his M.S. degree

2

whether for this purpose the period of his study leave may be extended.

24/11/49

P.J. 22.11.49 23/11/49

Cable.

D.Pd. 26/11

To ~~The D.P.I.~~ Will D.Pd.
~~(with copy~~ of ler. (2))

Indembassy
Washington D.C.

Your 9667/47 fifteenth p.10 cf. Deputationist Bhyravamurthi's studies ~~Question of~~ Extension of ~~study~~ leave ~~under consideration~~ for Reclamation Bureau training under consideration ~~Final~~ Please ~~await~~ final reply.

Edhealth

P.J. 22.11.49 23/11/49

24/11/49

C.F. 32.

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

EDUCATION ~~A~~ DEPARTMENT.

13

(12)

Received ____ *Registered* ____

From (Name) The Director of Public Instruction,
(Designation) Madras.
Post Box ____, (Station) ____,
Telegraphic Address ____

1 DEC 1949

To

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

93706

R.O.C.*No.* 139-C1/49, *dated* 28th Nov. 1949.

Sir,

Subject:

* Advance studies- Overseas- Sri. P. Bhyravamurthi- Practical Training.

Enclosures ____

Spare Copies ____

Ref: (1) Government Memo No. 59078-A3.Edn. dated 14-11-49. p.8 ant
(2) Government Memo No. 59078-A4.Edn. dated 24-11-49. p.11-12 ant

------

K at p.7 ant

Professor Wendt under whom Sri. P. Bhyravamurthi has been studying, has recommended that the scholar should spend a year on practical training at the Bureau of Reclamation as follows:

(i) Irrigation as applied to dams.	...	3 months.
(ii) Planning section.	...	3 "
(iii) Design of dams.	...	3 "
(iv) Concrete laboratory.	...	3 "
Total.		one year.

B/3

I consider it necessary that the scholar should undergo practical training for one year with the Bureau of Reclamation as suggested by Professor Wendt and that for this purpose, the study leave granted to Sri. P. Bhyravamurthy for two years from 11-8-1948 should be extended up to the date of his arrival in India. The Educational Secretary, Indian Embassy, U.S.A. may kindly be informed accordingly.

Yours faithfully,

for Director of Public Instruction.

A.S./29-11.

29/11/49.
29/11

Edn.andP.H. Dept.(A).

13 14

Cable.

✓Indembassy
Washington D C

Your G 667/47 Govt agree extend deputationist Bhyravamurthi's study leave beyond August 1950 for Reclamation Bureau training Kindly arrange accordingly

~~Ed~~ Edhealth

Desp 14/12/49

Copy to the DPI
(w r t his letter
No. 139 Cl/49
d. 28-11-49)

P.T.
8.12.49

9/12/49

10/12/49

10/12

A

15

No. F.4-2/D-8/49-S.III,
Ministry of Education,
Government of India,

New Delhi 3, the 29th November, 1949.

From

The Secretary to the Government of India.

To

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

1 DEC 1949

93914

SUBJECT:- SCHOLARSHIPS FOR ADVANCED STUDIES OVERSEAS REPORTS IN RESPECT OF PROVINCIAL GOVERNMENTS DEPUTATIONIST IN UNITED STATES OF AMERICA.

Sir,

pp. 1-2 infra

I am directed to forward herewith for the information of the Provincial Government, a copy of the progress report in respect of Mr. P.Bhyravamurthi a Madras Government 1947 deputationist.

Ⓥ

A copy of each of the reports of training ~~undergoing~~ gone by the student is also enclosed.

By Order,

Vikram Singh 29/xi

(Vikram Singh)
for Secretary.

JV 10.12.

83 / 82
10/12

Taneja)28.11.49

E.P.H. (A)

Endt. No. 89078-A.5 Edn. dt. 15/12/49

Commd. to the D.P.I.

R.
9.12.49

To The D.P.I.
(with copy of pp. 2-3 infra &
Ⓥ in orgl.)

10/12/49

15/12

16 45 A

PROGRESS REPORT

FORM 4

NOTE TO STUDENTS

I. In every case, it is essential for you to state the degree, if any, for which you are studying. The likely date of taking the degree should in all cases be mentioned. If you are not studying for a degree, please mention the likely date when you hope to complete the course, of study you are pursuing. Where you have already taken a degree, please give the date of taking it, and state what you have been doing since taking the degree, and when you hope to complete the course, or training you are undergoing at present. Of the four copies that are being sent to you, three are to be returned; one is for your record.

II. This report must be submitted through your Professor or Supervising authority in-charge. (See reverse).

Name in Block Capitals P.BHYRAVAMURTHY File No. G667/47

Scholarship/ Study Leave/ Deputationist Deputationist

SPONSORING AUTHORITY Govt. of Madras. ~~September, 9, 1948~~

1. Date of arrival in U.S.A. September 9,1948
2. Subject for which selected Irrigation & Dam design

@ 3. Course of study or training undertaken Irrigation & Dam design

4. Degree sought/~~obtained~~ Master of Civil Engineering (M.C.E)
5. Approximate date of degree-award December 31, 1949
6. Institution in which student is pursuing study/training Speed Scientific School University of Louisville, Louisville, Kentucky.

@ 7. ~~Course of~~ study or training attended during period under review The training ~~and~~ consists of the study of the Organisation, Observation of the constructional operations, performing the field control tests, learning the technics and the ways of direction, supervision and inspection on the Construction of the Mc Nary Dam & South Holston Dam

@ 8. All Examinations (including subjects) taken, with dates, and results. (In the final examination the degree or diploma obtained should be stated, with subjects taken, and honours, if any.) The grades obtained in the final examination, must be stated. Grades should be explained.

9. Any Prizes or other Distinctions

10. FOR STUDENTS TAKING PRACTICAL TRAINING:

Name of Concern:	Date of Joining:	Stay to last until:	Nature of Training:
U.S.Corps of Engineers Walla Walla Dristrict Washinton State	July 1,1949	September 10,1949	Construction of Mc Nary dam
Tennesse Valley Authority Knoxville. Tennessee.	Sept.10,1949	Sept.30,1949	Construction of South Holston Dam.

PTO

~~24~~ 17

11. This Report covers period beginning from June 16,1949 and lasting up to September 30,1949.

12. University or Institution Supervisor's Report on the work of the student during the period under review:

** Please refer to the enclosed Reports on the Training for the remarks of the Supervising Officers.

Date ______ Signature ______

13. Observations of the Education Department, Embassy of India.

Date ______ Signature ______

Signature of Student P. Bhyravamurthy

Place Louisville Ky. U.S.A

Date October 1, 1949

Edn. and P.H. Dept.(A).

18

M.E.S. - Sri P.Bhyravamurti, Engg.College officer - Extn. of Study leave - Granted, in relaxation of rules.

(16)

Read:-
G.O.No.2651-Edn., d/- 25-10-48.
From the DPI, No.139-C1/49, d/- 28-11-49.

(B)/3

CF 13

G.O.(MS.) No. 3915 Edn., d/- 21-12-49

p.2, BK 112

p.56, BK 159

Under section 241(5) of the G. of I. Act, 1935, H.E. the Govr. of Madras hereby relaxes rule 2 of the rules in the Annexure to F.R.84 in favour of Sri P.Bhyravamurthi, offg.Lab.Asst. in the M.E.S.S., who is undergoing higher studies in the U.S.A, and directs that he be granted an extension of study leave from 11-~~8~~-1950 for such period as is necy. for him to complete practical training in the United States with the Bureau of Reclamation and return to India ~~after~~ on completion of the training. During the period of the extended study leave, Sri Bhyravamurthi will continue to be eligible for the allces. ~~for~~ which he is now drawing.

131
21/12

22/12

To the D.P.I.
" A.G.(thro' Fin.).
" Edn. Secy.,
Embassy of India,
2111, Massachusetts Avenue, N.W.,
Washington, D.C.,
(w.r.t. his endt.No.G.667/47, d/- 15-11-49, and in contn. of Edhealth's cable d/- 14-12-49).

P.9.
21/12/49

21/12/49

CF 10

CF 14

Edn. and P.H. Dept.(A).

(17)

Sri P.Bhyravamurthi, Engg. college officers undergoing higher studies in U.S.A. - Study leave - Extension.

Sri P.Bhyravamurthi, an officer of the Engg. College, was sent by this Govt. to the U.S.A. in 1948 for higher studies in "Civil Engg." He was granted study leave for two years from 11-8-48. He is due to finish his M.S. degree (Unty.of Louisville) this month-end. – P at cf. 6 The question of giving him practical training thereafter, has been raised. The Professor under whom the officer is working in the United States has suggested -- K at p.7 CF - a minimum period of one year's training with the Bureau of Reclamation. That organization does not accept candidates for training for periods of less than a year. Sri Bhyravamurthi's leave has therefore to be extended beyond August 1950, for about 5 months, if he is sent to the Bureau. The D.P.I. considers the training necessary for the officer and recommends the grant of extension of his study leave till his arrival in India. The recommendation may be accepted in relaxation of study leave rule 2 (in the Annexure to) ~~in~~ F.R. 84. In some other cases, similar extensions have been granted. A cable requesting the Indian Embassy to arrange for the trg. may be sent in the first instance, pending issue of regular orders. Draft is subd. Finance may see.

(B)/5

cf. 6-7

cf. 6-8 10

cf. 13

p. 56, Bk. 159

P.G. 8.12.49

9/12/49

10/12/49

S 10/12 Fin

EDH u.o. 39078-A. 6 10/12/49

ASSISTANT SECRETARY TO GOVT.
83918
10 DEC 1949
FINANCE DEPARTMENT

SECRETARY, EDN. AND P.H. DEPT.
4 DEC 1949
GOVERNMENT OF MADRAS

Finance (C.S.R)

The draft cable may be accepted. Before issue of regular orders, the case may be circulated to H.M. (Fin) + H.Pr. may also see.

10/12/49

12/12/49

14/12

relaxation of FR.

97028

12 DEC 1949

cf 6

Fin u.o. 83918 CSR. 12.12.49

E & P.H. dept. (A)

The cable may be despatched and after desp. the file may be sent to C.S

P.G. 12.12.49

12/12/49 S 12/12 C.S 14/12

20

Edn. G.H. (A)

May be circd. to H.M.(P.W.), H.M.(Fin.) & H.Pr.

The proposal is expld. in this dept.'s note at p.1 ante. Fin. agree to it.

bottom of p.1 ante

P.G.
14.12.49
14/12/49

O.M.
13/12/49

15/12

H.M. (P.W.) ✓
H.M. (Fin.) ✓
H.Pr

M.B.
16.12

P.G.M.
18.12

SECRETARY, EDN. AND P.H. DEPT.
20 DEC 1949
GOVERNMENT OF MADRAS

A draft order is subd.

P.G.
20.12.49
20/12/49

O.M.
21/12/49

ASI

(18)

G.667/47/A

Washington, D.C.
21st March, 1950.

20(a)

6263
7 APL 1950

From: Education Secretary,
Embassy of India in the U.S.A.

To: Secretary to the Government of Madras,
Education Department,
Madras, India.

Sir:

p.2 ante

I am directed to enclose original representation dated March 11th, 1950, signed by Mr. P. Bhyravamurthy, concerning his request for consideration regarding thesis expenditures incurred. Certification as to required number of copies submitted; billing for typing and supplies totalling $54.61 are enclosed to support the representation.

Also 3-8 ante
R.O. to Indian Embassy if not recd back

A reply would be appreciated.

Yours truly,

for Education Secretary.

Copy forwarded to Secretary to the Government of India,
Ministry of Education, New Delhi, India.

for Education Secretary.

20(b)

By Air Mail.

Edn. Dept.(A).

20(c) 19 9 ~~2~~

Letter/Ref.No. 6263-A.1, d/- 12/5/50.

Despd (W.E.) by A.M. 16/5

19
13/5

To

The Edn. Secy.,
The Embassy of India,
2107, Massachusetts Avenue, N.W.,
Washington D.C.,
U.S.A.

(with Rs.2-8 [illegible])

Sir,

Mr.P.~~V~~.Bhyravamurti, Madras Govt. deputationist - Thesis charges.

Ref:- Your Letter No.G.667/47A d/- 21.3.50.

p. 1 page

I am to request ~~to be informed~~ that ~~information~~ may be furnished as to how much of the sum of $ 54.61 ~~XXXXXXX~~ was spent by Mr. P.V.Bhyravamurti ~~spent~~ before ~~XXXXX~~ he recd. intimation of the cancellation of the book allces. and thesis charges and how much was ~~he~~ spent by him subsequent to the date of the intimation.

The encls. to your letter are sent herewith for refce. and return.

not recd. back

Yrs.ffly.,

12/5/50

b P.J. 5.50 11/5/50.

20(d)

By Air Mail

AIRMAIL. 29/6

p.2 ~~[illegible]~~ [illegible]

Edn. Dept. (A)

Letter/ Ref. no. 6263-A.2, d/- 27/6/50.

20(e)

To
The Edn. Secy.,
Embassy of India,
2107, Massachusetts Avenue, N.W.,
Washington D.C.,
U.S.A.

Sir,

Mr. P. Shyamamurti, Madras Govt. deputationist — Thesis charges.

I am to request that the information called for in my letter no. 6263-A.1, d/- 12.5.50 may be sent as early as possible.

Y.f.,

26.6.50

29.6.50

20(f)

A

(21)

20(g)

Office of the Accountant General, Madras.
Fort St.George dated the 28 July,1950
No. G.4.Edn.401

ASSISTANT-SECRETARY
29 JUL 1950
21641
EDUCATION DEPARTMENT

From
The Accountant General,
Madras.

To

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

Subject:- P. Bhyravamurthi-Madras Government Deputationist-
Thesis charges

--

I have to forward in original letter No.G.667/47/A dated 12-6-50 from the Education Secretary, Embassy of India in U.S.A. for necessary action.

Enclosure:-2 Sheets

T. K. [illegible]

avr

Assistant Accountant General

27.7

20(h)

(22)

361

20(i)

Washington, D.C.
12th June, 1950.

G.S 667/47/A

2177

Not T9

T9?

From: The Education Secretary
Embassy of India in the U.S.A.

To: The Accountant General,
Fort St. George,
Madras.

Subject: P. Bhyravamurti - Madras Government Deputationist.
Thesis charges.

Sir,

S.g4

p. 2 supra

I am directed to refer to your letter No.6263-A.1 Education dated 12th May, 1950 concerning the expenditure of $54.61 ~~as~~ incurred by Mr. P. Bhyravamurti in connection with presentation of his thesis, and to say that the following payments were made and receipts were submitted on the dates mentioned:-

Supplies	28/8/49........	$6.72
	23/12/49........	.50
	2/2/50.........	$7.47
	1/3/50.........	$1.92
		$16.61

p. 6 infra

In addition Mr. Bhyravamurti submitted a receipt in the amount of $38.00 signed by Mrs. K.W. Gault of Louisville, Kentucky, a copy of which is enclosed for reference. From the details on the said receipt, it would seem that payment was made on the 19th September, 1949. The decision in this matter may kindly be intimated so that Mr. Bhyravamurti may be informed accordingly.

Yours faithfully,

V.P. Shastry.
for Education Secretary.

20(j)

23 20(k)

COPY

Received $38.00 from Mr. P.B. Murthy on September 19th, 1949 in payment of typing his thesis in triplicate.

(sgd)

Mrs. K.W. Gault
310 Wendover,
Louisville (Ky)

Letter/Ref. No. 3-A-4, dt. 14/9/50.

Edn. Dept.

To
The Edn. Secy.,
Embassy of India in the U.S.A.,
2107, Massachusetts Avenue, N.W.,
Washington D.C.

Sir,

Mr. P. Bhyravamurti, Madras Govt. deputationist – Thesis charges.

Ref: – Your letter no. G.667/47-A, dt. 12.6.50.

I am to request that, as a special case & on the analogy of the payment made to Mr. P.V.B. Bhooshana Rao, another deputationist of this Govt.⊗, Sri P. Bhyravamurti be paid the amount which he spent on 28.8.49 & 19.9.50 in connection with the presentation of his thesis – viz., $44.72. This Govt. do not consider it necy. to admit the expre. of $9.89 incurred by him on and after 23-12-49 as he shd. have recd. intimation of the cancellation of book allces. & thesis charges before that date.

2/9/50

Y. f.,

⊗ vide this Dept. letter No. 34671-A.7- Edn., dt. 23-11.49 in reply to your no: G.665/47, dt. 7-10-49;

p.32 of L.F.

p.28 of L.F.

cf. 5

$ 6.72
38.00
44.72

cf. 5

-do-

0.50
7.47
1.92
9.89
44.72
54.61

22/9

22/9.

~~Copy to the S. of D., Ministry of Edn., New Delhi 3.~~

~~Copy to the D.O.I.~~

P.f.
2.9.50

6.9.50

SENIOR ASSISTANT SECRETARY, FINANCE DEPARTMENT
9 SEP 1950
78300
GOVERNMENT OF MADRAS

Note: –

Fin. may see for acceptance before issue. [The notes in Sri Bhooshana Rao's case at pp. 33-34 of L.F. may be perused.]

7/9/50

P.f.
2.9.50

6.9.50

Edn. U.O.
1663 A.3
7.9.50

~~8~~

20 (M)

A

Fin(C871)

The draft letter may be accepted ~~perused~~ and the case returned to Edn.

11/9/50

11/9/50 Edn.

Issue

11/9

ASSISTANT SECRETARY
14 SEP 1950
27958
EDUCATION DEPARTMENT

A

not fwd

(25)

F 9

Our Reference G.667/47
March 8, 1950

20 (M)

ASSISTANT SECRETARY
26 MAR 1950
4647
EDUCATION DEPARTMENT

From: Education Secretary
Embassy of India in the U.S.A.

To: Secretary to the Government of Madras
Education & Public Health Dept.
Madras

Subject: Mr. P. Bhyravamurthy - 1947-48 Madras Deputationist

Sir:

pp. 2-3 infra

I am directed to enclose herewith Progress Report, in duplicate, as completed by Mr. P. Bhyravamurthy, showing work done for the period October 1, 1949 to February 23, 1950.

Yours faithfully

R K Kapur

(R. K. Kapur)
for Education Secretary

RKK/dn

~~10~~
20(0)

20(h) ~~ff~~ ~~2~~

PROGRESS REPORT

FORM 4

26

NOTE TO STUDENTS

I. In every case, it is essential for you to state the degree, if any, for which you are studying. The likely date of taking the degree should in all cases be mentioned. If you are not studying for a degree, please mention the likely date when you hope to complete the course, of study you are pursuing. Where you have already taken a degree, please give the date of taking it, and state what you have been doing since taking the degree, and when you hope to complete the course, or training you are undergoing at present. Of the four copies that are being sent to you, three are to be returned; one is for your record.

II. This report must be submitted through your Professor or Supervising authority in-charge. (See reverse).

Name in Block Capitals P. BHYRAVAMURTHY File No. 667/47

~~Scholarship/ Study Leave/~~ Deputationist Deputationist

SPONSORING AUTHORITY Government of Madras

1. Date of arrival in U.S.A. September 9, 1948
2. Subject for which selected Irrigation and Dam Design

@ 3. Course of study or training undertaken Irrigation and Dam Design

4. Degree ~~sought~~/obtained M. C. E.
5. Approximate date of degree-award As in December 1949
6. Institution in which student is pursuing study/~~training~~ Speed Scientific School University of Louisville, Louisville, Kentucky

@ 7. Course of study ~~or training~~ attended during period under review C E 672 - Structural Engineering; C E 682 - Seminar; C E 692 - Research; Phys 542 - Atomic Physics.

@ 8. All Examinations (including subjects) taken, with dates, and results. (In the final examination the degree or diploma obtained should be stated, with subjects taken, and honours, if any.) The grades obtained in the final examination, must be stated. Grades should be explained. This is for Final Exam. The subjects are those stated in ~~T~~ Item 7 and the degree obtained is M. C. E. The grades obtained for the subjects are B, A, B, and C respectively

9. Any Prizes or other Distinctions Meaning of Grades A Excellent; B Good; C Fair.

10. FOR STUDENTS TAKING PRACTICAL TRAINING:

Name of Concern:	Date of Joining:	Stay to last until:	Nature of Training:

PTO

20 (9)

11. This Report covers period beginning from October 1, 1949 and lasting up to February 23, 1950.

12. University or Institution Supervisor's Report on the work of the student during the period under review:

The work of Mr. P. Bhyravamurthy during this period has been entirely satisfactory. The Winter Quarter extended from October 1, 1949 to December 16, 1949. The Christmas holidays extended from Dec. 19, 1949, to January 7, 1950. The time since that date has been spent by Mr. Bhyravamurthy in completing the mechanical details relating to his thesis and the binding thereof. He has been awarded the degree of Master of Civil Engineering (M.C.E.) as of December, 1949.

Date Feb. 23, 1950 Signature N. B. Wendt
Professor of Civil Engineering

13. Observations of the Education Department, Embassy of India.

Doctorate has not been obtained
Training for a year at the
Bur of Reclamation will begin now

Date ______ Signature ______

Signature of Student P. Bhyravamurthy
Place Louisville (Ky)
Date February 23, 1950

A (27) ~~13~~

ASSISTANT SECRETARY
29 MAR 1950
5035
EDUCATION DEPARTMENT

Our Reference G.667/47
March 18, 1950

20 (5)

From: Education Secretary
Embassy of India in the U.S.A.

To: Secretary to the Government of Madras
Education and Public Health Department
Madras

Subject: Mr. P. Bhyravamurthy - 1947-48 Madras Deputationist

Sir:

pp. 7-8 infra

I am directed to enclose herewith Joining Report (transfer) form as completed by Mr. Bhyravamurthy, along with copy of his letter dated March 6, 1950, for your information.

pp. 9-10 infra

Yours faithfully
A. S. Grewal
for Education Secretary

ASG/dn

288 5
6/4

Edn. Dept. (A)

Endt. no. 4647-A. 1, dt - 5/4/50.

Refd. to the D.P.I. for early remarks. His attention is invited to G.O. no. 3915-Edn., dt - 21-12-49, in this connection.

(A)|18

5/4/50

6/4/50

1.4.50

To the D.P.I.
[with ~~pp. 4-5~~ copies of pp. 2/3 ante and ~~eight~~ copies of letter above
pp. 5-9 infra.]

~~14~~
20(8)

Form No. 16.

(28)
20(8)

EMBASSY OF INDIA
EDUCATION DEPARTMENT

JOINING REPORT
(TRANSFER)

Please Note:

1. This Joining Report is to be sent as soon as possible after a student has joined the institution to which he has transferred.
2. This Report is to be submitted through the student's new supervising authority.
3. Unless already intimated, detailed reasons for the transfer are to be sent along with this Report. A separate sheet may be used and attached.
4. TWO copies of the Report are to be sent back.

---

1. Full name of student P Panthagadi Bhyravamurthy File No. G667/47

2. Date of arrival in the U.S.A. September 9, 1950

3. Subject for which selected Civil Engineering Exact branch Irrigaion & Dam Des Design

4. Name of institution from which transferred Speed Scientific School, University of Louisville, Louisville, Ky.

5. Name of institution to which transferred U.S. Bureau of Reclamation, Denver

6. Date on which you reported at new institution March 1, 1950

7. Subject to be studied Irrigation and Dam Design

*8. Course of studies which you will pursue Irrigation and Dam Design

*9. Practical training, if any, which you will undertake, and whether during or subsequent to your work at the new institution

Program of training is enclosed.

10. Degree, if any, which you propose to work for

11. Date by which you expect to finish your work at the new institution

March 2, 1951

Full address: Bureau of Reclamation, Federal Center, Denver, Colo.

P. Bhyravamurthy
Signature of student

Date March 6, 1950

Remarks of Supervising Authority with reference to items 7 to 11
Mr. Bhyravamurthy reported to this office on March 1, 1950 for one year of practical in-service training. During this year he will be assigned to work in the following: Concrete and Concrete Materials, Project Planning, Design and Construction of Canals and Headworks, Design of Concrete & Earth Dams, and one month will be spent in the field inspecting Bureau projects.

P. T. Butler
Signature
P. T. Butler
Engineer in Charge Foreign Trainees
Date March 7, 1950

P.T.O.

*Separate sheets may be used and attached to the Report.

~~16~~
20 (n)

Forwarding remarks by the Embassy

A reference is also invited to a copy of student's letter of 6/3/50 giving full details of his plans both for Ph.D. and practical training. These plans are strongly recommended for his sponsors approval. Until we hear to the contrary this student will pursue these plans till March 1951.

For First Secretary

Date ______________________

---

(29)

20 (5)

Bureau of Reclamation
Federal Centre
Denver, Colo
March 6, 1950

The First Secretary
Education Department
Embassy of India
Washington D. C.

Sub: Reasons for the Transfer from the Speed Scientific School, University of Louisville, to the Bureau of Reclamation.

Ref: Item 3 of the Joining Report (Form No.16)

Dear Sir,

With reference to the above, I want to bring to your notice that I have been deputed by the Government of Madras for the specialisation of the subject 'Irrigation and Dam Design' and to work for a doctorate in that line. If I were to analyze the subject, it consists of the design of the earth and concrete dams including that of the spillways, as well as the courses pertaining to irrigation which is a part of the dam engineering. From the courses offered at the University of Louisville, and the training I have taken in the construction of the Mc Nary Dam and the South Holston ~~D~~ Dam, I could complete my thesis on the ' Design and Construction of Earth Dams '.

To complete my training and study, I have to take courses in Hyraulics Flow of Water, and Engineering Geology on a Graduate Level, I have to take training in the design of spillways and concrete dams, and I have to get

~~18~~ 20 (x)

1220

(30) 20(y) ~~8~~ 19

admission in some University where a Ph.D. degree in Civil Engineering is offered. The University of Colorado offers the required courses and the Bureau of Reclamation offers training in the design of spillways and concrete dams. But the University of the Colorado does not offer a Ph.D degree in Civil Engineering. Therefore, I request you for the favour of representing my case to my Sponsoring Government to permit me to pursue my course of action as below:

I want to complete my training with the Bureau of Reclamation by March 1951. During this period I want to take courses in the Extension Centre of the University of Colorado at Denver as many courses as possible(On graduate level, only 6 quarter hours are allowed for the students taking training with the Bureau of Reclamation) Afterwards I want to try for admission in any other University for completing my Ph.D in another year.

Since I think, I may transfer my quarter hours earned at the University of Colorado to any other University, I hope to complete my doctorate in one year after completion of the training with the Bureau of Reclamation.

The Registration for the Spring Quarter in the Extension Centre of the Colorado University at Denver takes place on March 22, 1950 and as such I request that the permission may please be given so that I may rigister for as many courses as I am allowed to take.

Yours sincerely

P. Bhyravamurthy

P. Bhyravamurthy

March1, 1950

TENTATIVE OUTLINE OF IN-SERVICE TRAINING PROGRAM

P. BHYRAVAMURTHY, INDIA

Arrived March 1, 1950
Length of training - 12 months
Beginning of training - March2, 1950

Fields of Study

1. Concrete and concrete materials	2-3/4 mo.
2. Project Planning	-2-3/4 mo.
3. Irrigation Design	-2-3/4 mo
4. Design of Spillways and Outlets	2-3/4 mo.
5. Visits to Bureau Projects (Annual Leave)	1 mo.

22

A

~~10~~ 23 32

24 APL 1950
EDUCATION DEPARTMENT

Our Ref: G 667/47 April 12th, 1950

8185

Mr. P. Bhyravamurthy,
624E - 12th Avenue,
Denver 3, Colorado.

Dear Mr. Bhyravamurthy,

In view of your recent letters regarding the courses you wish to take at the University of Colorado, I have tried to go through your file with some care. Though your scholarship was due to expire in August, 1950, your Government, in response to our recommendations, based on your professor's recommendations regarding training with the Bureau, sanctioned extension to accommodate you a whole year at the Bureau. In the letters from Madras regarding this extension there is no mention of your Ph.D. Your letter of 6th March, together with the Joining Report was forwarded to the Government of Madras, Education and Public Health Department, but thus far there has been no reply, much less has there been any approval of your Ph.D plans. The letter from Professor W.B. Wendt of October 11th recommended only one course of graduate standing and that in Geology. In the circumstances, it seems impossible for me to go beyond what I said to you in my letter of 29th March. If the taking of the courses you have in mind is approved, you will be reimbursed, and you are free to enlist for the courses and pay the fees on that condition. It is unfortunate that sanction for taking the courses was not requested earlier for you to enroll with the previous approval of your Government.

Ⓐ/6-7
Ⓐ/18
Ⓐ/7

You will realize this Embassy is not free to go beyond the explicit orders of the sponsoring Government in such cases as this. I might say however, if in view of the recommendations of this office, your Government is convinced of the usefulness of the course of action you are urging, and its appropriatness for your future work in Madras, they will approve of your plans. Payment of the tuition fees for French and River Hydraulics must therefore be delayed until orders are received sanctioning the courses taken by you.

Yours sincerely,

(Dr. G.S. Krishnayya)
for Education Secretary

Copy to:

Secretary

Government of Madras,
Education and Public Health Department
Madras, India

In continuation of this office's letter dated 18th March and your letter dated 21st December, 1949, and endorsement on

p. 4 ask

Ⓐ/18

Over.........

33 25 #

Our Ref: G 667/47

April 12th, 1950

p. 6 ante

the Joining Report of 15th March, immediate orders might kindly be cabled regarding the doctorate plans of the student.

p. 12 infra

Copy of students letter dated 5th April is enclosed. Attention is also invited to my letter of 29th March and to your endorsement of 23rd June regarding the settling of the financial matters first referred to in my letter of the 10th October.

not recd.
LRe

Copy to Accounts, for information.

G. Krishnayya

(Dr. G.S. Krishnayya)

#26

COPY

Copy

27

624E 12th Avenue
Denver 3, Colo.
April 5, 1950

Dr Krishnayya
Dy Education Officer
Embassy of India
Washington, D.C.

Dear Dr Krishnayya

not recd. here

With reference to your letter No. G.667/47 dated 19th March 1950, I am afraid that the Embassy is not properly handling my case to which I am entitled. My sponsoring Government has sent me to this country to specialize the subject 'Irrigation & Dam Design' and to work for a doctorate in that line. So my training with the Bureau of Reclamation and my study at the University of Colorado are only a means to an end. The details of my letter dated March 6, 1950, enclosed with the Transfer Report, are merely a formality to keep informed of my action to my Government.

pp. 7-8 ark

p.6 [illegible]

I feel the Embassy is competent to accord the formal approval of my plans from time to time so long as I am following the line of study which my sponsoring Government wants. The authority to do so is vested by the fact that my application for the admission to a University had been forwarded in duplicate to the Embassy by the Government of Madras before I left for the U.S.A.

Therefore, may I request you for the persusal of my application for the University admission so that I may not be inconvenienced in future?

Yours sincerely,

Sgd. P Bhyravamurthy.

COPY

28

COPY

Same as p.12 [illegible]

~~18~~ 29

(35)

624E 12th Avenue

Denver 3, Colo.

April 5, 1950

Dr Krishnayya
Dy Eduaation Officer
Embassy of India
Washington, D.C.

Dear Dr Krishnayya

With reference to your letter No. G.667/47 dated 19th March 1950, I am afraid that the Embassy is not properly handling my case to which I am entitled. My sponsoring Government has sent me to this country to specialize the subject 'Irrigation & Dam Design' and to work for a doctorate in that line. So my training with the Bureau of Reclamation and my study at the University of Colorado are only a means to an end. The details of my letter dated March 6, 1950, enclosed with the Transfer Report, are merely a formality to keep informed of my action to my Government.

I feel the Embassy is competent to accord the formal approval of my plans from time to time so long as I am following the line of study which my sponsoring Government wants. The authority to do so is vested by the fact that my application for the admission to a University had been forwarded in duplicate to the Embassy by the Government of Madras before I left for the U.S.A.

Therefore, may I request you for the persual of my application for the University admission so that I may not be inconvenienced in future?

Yours sincerely,

Sgd. P Bhyravamurthy.

COPY

30

Recd. 14.5.1950

E

10106

DIRECTOR OF PUBLIC INSTRUCTION
11 MAY 1950
MADRAS

31

624 E- ~~A~~ 12th. Avenue
Denvef, Colo
April 24, 1950

ASSISTANT SECRETARY
5 MAY 1950
EDUCATION DEPARTMENT

To
The Secretary
Education & Public Health Department
Government of Madras
Madras.

Through Proper Channel

pp. 7-8 ante

p. 5 ante

Sir,

With refrence to my letter dated 6th. March together with the Joining Report, I want to bring to your notice that I have registered for a course in the French and a course in River Hydraulics in anticipation of my plans since the Spring Quarter commenced on 23rd March 1950. The payment of the tution fees is withheld by the Embassy of India for want of specific instructions from the Government of Madras. So, I request for the favour of conveying the approval, at an early date, of my plans as stated in my letter enclosed with the Joining Report.

Yours faithfully
P. Bhyravamurthy
P. Bhyravamurthy

Copy sent direct by air-mail to avoid delay

Edn. Dept. (A)

The D.P.I. may see u.o. & offer his remarks at a very early date.

8.5.50

10/5/50

[His Reply to Govt. at p. 4 ante has not been recd.]

Edn. Dept. U.O. No.
4647 A-2
10-5-50.

2

832

VIA AIR MAIL
PAR AVION

AIR LETTER

P. B. Murthy
624E - 12th Avenue
Denver 3. Colo.

DENVER
APR 24
1950
6 PM
COLO.

The Secretary
Education & Public Health Dpt.
Government of Madras
Madras

INDIA

IF ANYTHING IS ENCLOSED, THIS LETTER WILL BE SENT BY ORDINARY MAIL

SECOND FOLD

FIRST FOLD

A g (37) ~~15~~ 33

Embassy of India
Washington, D.C.

Our Ref: G 667/47

May 18th, 1950

Mr. P. Bhyravamurthy,
624E - 12th Avenue,
Denver 3, Colorado.

ASSISTANT SECRETARY
3 JUN 1950
14085
EDUCATION DEPARTMENT

Dear Mr. Bhyravamurthy,

not read here

Your letter dated 11th May has been received. As I said in my letter of 5th May, I shall await instructions from the Government of Madras, whom you have written directly about the courses you have taken at the University. In view of the usefulness it is possible Government will sanction the payment of the fees, but I am not sure that an extension of stay beyond the one year that has been sanctioned for you at the Bureau will be granted to enable you to work for the Ph.D.(vide your letter of March 6th).

p. 14 an

Your passage will naturally have to be arranged on 1st March, 1951, on the termination of your one year training period with the Bureau of Reclamation. It is noticed that though the sanction was granted for you to start training on 1st ~~February~~ you did not do so till 1st March.

Yours sincerely,

GSK/gej

(Dr. G.S. Krishnayya)
for Education Secretary

p4 an pp.7-8 an

Copy to: Secretary to the Government of Madras, Education & Public Health Department, Madras, with a request that orders may kindly be issued immediately regarding the student's request dated March 6th, forwarded with this office's letter dated March 18th. In the light of Mr. Bhyravamurthy's future employment and the needs of the Government of Madras, very early decision might kindly be taken and communicated.

No further communication has been received from the Assistant Accounts Officer, Central Revenue, with regard to Mr. Bhyravamurthy's claim for the drawing of transit pay, vide Endorsement dated 12th April, 1950 from the Accounts Officer to this Embassy.

not read here

G S Krishnayya
(Dr. G.S. Krishnayya)
for Education Secretary

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~~16~~ 35

EDUCATION DEPARTMENT.

R.C. No.139-G.1/49

Office of the Director of
Public Instruction, MADRAS,
Dated: 31st May 1950.

ASSISTANT SECRETARY
3 JUN 1950
14081
EDUCATION DEPARTMENT

From

The Director of Public Instruction,
MADRAS.

To

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

Sir,

Sub: MADRAS EDUCATIONAL SERVICE - Sri P. Bhyravamurthi - Extension of study leave - Proposal for undergoing further course of studies in the U.S.A. - Remarks submitting.

p. 4 ante Ref: 1) Government Education Department, Endorsement No.4647-A.2 dated 5-4-1950

p. 14 ante 2) Government Education Department, ~~Ex~~ U.O. No.4647-A.2 dated 10-5-1950.

...

p. 14 ante In resubmitting herewith the Government U.O. No.4647-A.2, dated 10-5-1950 together with the Secretariat Current file received with it, I enclose a copy of the letter Roc. No.1-2A/47, p. 17 infra dated 5-5-1950 from the Principal, College of Engineering, Guindy. I agree with the remarks of the Principal in his letter cited above, and consider that there is no need to comply with Sri Bhyravamurthy's request for registering himself for Ph. D. degree which will necessitate the grant of further extension of study leave for one more year from 1-3-1951. Sri P. Bhyravamurthy has already obtained the degree of Master of Civil Engineering (M.C.E.) of the University of Louisville and he has been granted facilities for undergoing a programme of practical training in the Bureau of Reclamation, U.S.A., for a period of one year from 1-3-1950. He may, therefore, be instructed to return home in March 1951 after completing his present practical training so that his services may be utilised in any of the Engineering Colleges from the academic year 1951-52.

Yours faithfully,

for Director of Public Instruction.

Copy to the Principal, College of Engineering, Guindy with a

36

copy of the Secretarial U.O. reference No.4647-A.2 dated 10-5-50

2. The Principal is requested to resubmit urgently the Original enclosures sent to him with the Director's Proceedings R.C. No.189-C.1/49, dated 2-5-1950.

k.v.s./31-5.

37

COPY OF the letter Roc. No.1-2 A/47 dated 5-5-1950 from the Principal, College of Engineering, Guindy, Madras addressed to the Director of Public Instruction, MADRAS.

(39)

Ref: Your Roc. No.189-C.1/49-1 dated 2.5.50
regarding Courses of studies abroad -
Sri P. Bhyravamurthy.

...

not put up

(A)/18

Generally, candidates deputed by Government for higher studies abroad are granted study leave for two years, during which period they are expected to complete their practical and theoritical course abroad and return home. In the case of Sri P. Bhyravamurthy, he was granted study leave in the first instance for 2 years from 11-8-1948 in G.O. No. Ms. 2651 Education dated 25-10-1948. He was granted extension of study leave in G.O. Ms. 3915 Edn., dated 21-12-1949 from 11.8.50 till the date of completion of practical training in the U.S.A. with the Bureau of Reclamation and return to India on the completion of the training.

p. 5 ante

pp. 7-8 ante

2. According to the tentative outline of in-service training programme chalked out by Sri P. Bhyravamurthy, he has to undergo practical training in U.S.A. till the end of February 1951. But he wants to undergo Ph. D. Course also for another year from March 1951, as may be seen from the copy of his letter dated 6.3.1950, enclosed with the above Proceedings. This request of his cannot be supported, as by this, he will have to be sanctioned study leave in all from August 1948 to March 1952. Even the grant of extension of study leave to him till March 1951 is a ~~xrxy~~ very great concession allowed to an Overseas Scholar and further concession cannot be allowed, at the expense of the Government to satisfy his personal ends. Hence Sri Bhyravamurthy may be instructed to return home in March 1951 after completing his practical training so that his services may be utilised in any of the Engineering Colleges from the academic year 1951-52.

(True Copy)

for Director of Public Instruction.

k.v.s./31-5.

1/6

By Air Mail

(40) Edn. Dept. (A)

Letter / Ref. No. 4647 A.4, Dt. - 13/6/50.

Desp. by AIR MAIL
Rao
14/6.

To

The Edn. Secy., Embassy of ~~India~~ in the U.S.A.,
Washington D.C.

Sir,

Mr. P. Bhyravamurthi, 1947-8 Madras Govt. Deputationist Course of ~~Studies~~.

p.15 cf. Ref. - Your No. 9.667/47, Dt. - 18.5.50.

(cf 16-17) This Govt. do not see any necessity or justification to approve of Mr. P. Bhyravamurthi's pro-

pp.7-8 cf. posal to register, himself in the United States for the Ph. D. degree also in Civil Engg. They are not prepared to further extend his study leave, ~~i.e. beyond 1-9-51~~, to enable him to work for a doctorate degree. I am accordingly to request that Mr. Bhyravamurthi may be asked to return to India

~~19~~ 40

immediately after he finishes his present practical training.

~~Yrs. ffly,~~

~~P.T. 10.6.50~~

2. The papers mentioned by you about Mr. Bhyravamurthi's transit pay have not been recd. by this Govt. But the A.G., Central Revenues, has separately asked this Govt. for information about the officer's status in ~~their~~ service, & a reply will be sent to him shortly.

Yrs. ffly,

P.T.
10.6.50.

13/6/50

12.6.50

note:- Draft follows A.G.1.'s letter at p.15 c.f.

pp. 11 & 15 c.f.

(Separate file)
x sent

14/6/50

Copy to the A.G. L
(Ref.:— his No. 139-G1/49
d/- 27.1.50).

~~40~~ (41)

41

X

ASSISTANT SECRETARY
23416
11 AUG 1950
EDUCATION DEPARTMENT

Ref: G.667/47

Education Department,
Embassy of India in the U.S.A.
2107 Massachusetts Avenue
Washington, D.C.

27th July, 1950

From: Education Secretary
Embassy of India in the U.S.A.

To: Secretary to the Government of Madras,
Education Department,
Fort St. George, India.

Sir:

In response to your communicat~~ed~~ion No.4647-A.4 dated 13th June 1950. I am directed to forward a copy of a letter received from MR. P. Bhyravamurthi, which is self-explanatory.

p.18 ante

p.24 infra

A reply before the end of August would be appreciated by Mr. Bhyravamurthi.

Yours faithfully,

for Education Secretary

42

~~21~~
43

COPY:

624E 12th Avenue
Denver 2, Colo.

July 22, 1950

Dr. Krishnayya
Education Department
Embassy of India.

Dear Dr. Krishnayya:

See p. 8 ante

As I have already informed you, I think I am reasonable if I press the Government to allow me to take the courses at the Extension Centre of the University of Colorado. These courses are offered for the benefit of the Bureau Employees who cannot logically and efficiently discharge their duties but for taking these courses pertaining to their respective phases of design. Because the Bureau Employees are working 40 hours a week, the University does not permit any one to take more than 6 credit hours on a graduate level. When the Government is spending so much money for my stay here, I think the intentions of the Government are that I should not make my stay a pleasure trip and that I should make the most of every second I spend in this country. Therefore, the matter may please be expedited without further delay. Since my training lasts up to March 2, 1951, I have the chance of taking 4 subjects more. I have already sent the bill of the tuition fees for the two subjects I have taken. Even though the Government is not paying the cost of the text books, it will very much facilitate me if it condescends to consider the payment of the tuition fees.

Early reply is requested before the Fall Term commences.

Yours sincerely,

P.Bhyravamurthy.

44

Edn.Dept.(A):

U.O.Note 23416.A.1, d/- 17/8/50.

45 ~~23~~ (43)

Sri P.Bhyravamurti, officer of Engg.College - Course of studies in U.S.A.

cf. 21 Ref:- From Sri P.Bhyravamurti, d/- 22-7-50.
cf. 20 From the Indian Embassy, No.Ref.G.667/47, dated 27-7-50.

--

There is no question of permitting Sri P.Bhyravamurti to take the courses of studies mentioned ~~in his letter~~ by him with a view to his registering himself for the Ph.D. degree of any American University - Vide letter of the D.P.I., No.139-C1/49, dated 31-5-50. But the Dir. may be asked whether, having regard to the nature of the work the officer has to do in the Engg.Colleges on his return to India, it is deisrable to allow him to undergo any of these courses, not as a preliminary to his getting a degree, but for what they are worth, and whether the payment of

cf. 21

cf. 16

~~23~~ 46

his tution fees therefor (from Govt. funds) will be justified.

P.J.
18.8.50

Clerk
16.8.50

12/8/50

18/8

✓ To the D.P I. (with copies of pp.20-21 C.F).

---

(44) (4) ~~24~~

SECRETARY
17 AUG 1950
EDUCATION DEPARTMENT

MINISTER FOR EDUCATION
14 AUG
GOVT. OF MADRAS

624E ½ 12th Avenue
Denver 3, Colo
July 5, 1950

Edn. dept. (A)
O.O. No. 23418-A 2, 21-8-50
Copy to the D.P.I.
in contn. of O.O. No. 23418A-1, 21-
17-8-50

(128)

From
Shri P.Bhyravamurthy, B.E, C.E, M.C.E, Assoc. M. A.S.C.E.
Deputationist (Madras)
Denver, Colorado.

To
The Honourable Minister
Education Department
Government of Madras
Madras.

✓ To the D.P.I. (with copy of this letter) 6/9
19.8.50
Clerk 21.8.50

ASSISTANT SECRETARY
24207
17 AUG 1950
EDUCATION DEPARTMENT
28/8/50

Rsc 21/8/50 R 21.8.50

Sub. A Report on the Advanced Studies ~~of~~ and Training in the United States of America.

Dear Sir,

I have the honour to report to you about the various aspects of the Studies and Training in the U.S.A. with the best of my knowledge with the hope that the Government will give careful consideration to the realities when they spend enormous amount of money for this purpose. First I want to state the particular instance of my case, then I want to bring forth the defects that are involved in the system and finally I want to suggest ~~df~~ definite steps to be taken to remedy the defects.

In March 1946, the Government of Madras has relieved me of my post of the Associate Professor(I.S. & D), Engineering College, Madras to enable me to join as Subdivisional Officer on the Hirakud Dam Project CWINC, Government of India. While I was on the Project the Government of Madras has selected me as one of the deputationists for the advanced ~~stu~~ studies and training in the U.S.A. in the subject 'Irrigation & Dam Design'. I accepted the offer with the intention of taking a doctorate in that subject and accordingly I filled in the application for the admission to the University stating that my duration of stay in U.S.A should be three years. The Embassy has fixed my University in U.S.A. before I landed at Sanfransisco on September 9, 1950. Before all the ~~st~~ students could depart to their respective schools, Mr Asfaque Hussain, the First Secretary of the Embassy of India, had convened a meeting and in that he told that students should stick to their Universities and not to contemplate any change in the University. Before I could join the Speed Scientific School I was definite that on my return I will be a teacher in the Enginnering College, or I may be an Engineer in CWINC, if the Madras Government spares my services to the Central Government. My experience as a teacher and engineer has revealed me many difficulties and fixed strange circumstances that are barring the progress of my country. My aim was to acquire the knowledge ~~in~~ to the best of abilities in the subject, 'Irrigation & Dam Design'.

After joining the University of Louisville, I found that there are no courses offered in ~~the~~ irrigation, that the University is not offering any courses leading to the offer of a Doctorate in any branch of Engineering. But the University is offering courses in Structural Engineering in addition to the Seminar which are necessary so far as that portion of the subject, 'Dam Design' and my teaching profession is concerned. So I took my M.C.E. degree with my thesis on the 'Design and Construction of Earth Dams'. I have inquired from the University of

California, and the A&M College, Colorado, wether there is any posibility ~~of~~ of offering a Doctorate in Irrigation Engineering because these two institutions are noted for Irrigation; and both the institutions have informed me that they are not offering a doctorate in Irrigation Engineering When I tried to find the reason, I understand that most of the subject matter ✓ that I used to think of as irrigation is taught by the courses, River Hydraulics, Hydraulics, Flow of Channels which are offered for a Master's Degree. Since knowledge is more important ~~than~~ in my subject than a Doctorate degree, I changed my mind not to worry for a doctorate but I want to take the above courses and necessary training required in my line. Accoordingly I requested the Embassy to arrange one year's training at the Bureau of Reclamation , Denver. The Embassy had fixed up the trining at Denver, but when I want to take the required courses at the night school of the Colorado University at Denver,the Embassy has raised an objection that they cannot pay the fees for the courses until they get explicit orders from the Government of Madras.

While at school, on construction training ~~on the~~ with the U.S. Corps of Engineers, and T.V.A. and now the Design training with the Bureau of Reclamation, I have been endeavouring my best to know the intrinsic value of the three aspects, theory, Design, and Construction. I have also been trying to know how far the students of India who come to the U.S.A. have their aims in life, opportunities for their required study and training and their methods of approach to the solutions of their problems so that I can fairly visualize the future progress of my country.

As regards defects in the system, (1) there is no proper guidence to the students,(2) there is no fixed aim of career for the students, (3) many students do not have proper attitudes to make the best use of the opportunities, and (4) there are important defects in the education system and training in the U.S.A. which are not generally conducive to the advantage of the student to attain his object. In respect of guidance, (a) when a student is selected for a subject or when the student himself has chosen the subject to pursue in the U.S.A., the limitations of the subject upto what extent he has to specialize in the U.S.A. are not fixed by the selection Board in India. (b) The Embassy of India generally do not give special attention to the selection of the University and the Training Centre which offer the proper courses and Training that fit the needs of the student. They depend merely on the recommendation letters of the Professors who generally recommend whatever the students want to do.

Most of the students do not have fixed aims of career, because they do not know what job they get in Government on their return. The result is they drift away from subject to subject and know only general knowledge in many subjects in favour of the proverb, ' Jack of all trades but master of none'. General knowledge and professional knowledge are not enough if things were to be accomplished. Expert knowledge is required. No doubt, when a man specializes, he has to extend his study to other branches of ~~study~~ science to borrow some knowledge to accomplish his special problem. And as a matter of fact, there are no limits and boundaries in the ideal sense of acquiring knowle dge which is humaly impossible. But so far as the general knowledge is concerned in subjects other than one's speciality, I am of the opinian that a Bacholor Standard is quite enough. A B.E. student of the College of Engineering, Guindy, has sufficient background in Civil, Mechanical, and Electrical Engineering since these subjects are common for all students for the first two years. Therefore, a student who come to the U.S.A. must have fixed aim to pursue specialization.

Majority of the students do not have proper attitudes. I have seen a Civil Engineer specializing, Mechanical Enineering and vise versa, a research man worrying for design and a construction engineer not minding theory and design at all. In nature, it is very few people that are gifted with ~~with~~ a genius to be talented in all round so that their attitude will be suited to whatever career they are assigned ~~for~~ to in life. But the bulk of the population is endowed with varied aptitudes by birth. When suitable oppurtunity is presented they will develop according to their aptitude and natural ability. It is unfortunate that no attempt is beig made. ~~be~~ in India to judge the aptitude in a scientific, unbiased manner so as to harness the human potentialities to improve the progress of the ~~coun~~ country.

There are important defects in education and trining systems in America which India must clearly understand. (a) Education: Every University has its curriculam suited to the needs of the State and and the ~~needs~~ ~~the~~ rules will not be relaxed to suit the needs of the foreigners. All Universities maintain the same ~~the same~~ system of ~~teach~~ teaching and the same standard of efficiency and any student who has proper attitude, and a will to learn will really learn the subject to his satisfaction if he registers for the course for credit. But the system of grading is defective so far as india is concerned. Because, the professors are more particular for the polished manners and much will be depending upon the impression a student creates on the mind of the professor irrespective of the knowledge of the subject. But in India, polished manners are mostly governed by the environment in whic which a student is brought up. But the environment, in turn is dependent upon the community to which he belongs because social democracy is still far away in India. Therefore India cannot have a chance to evaluate the merits of Degrees and Grades of the student. I am of the opinion the system of examination prevalent in the Engineering College, Guindy, in 1945 is best suited to India for many years to come. As regards the recommondations of the professors for courses, training etc, it will be governed by the request of the student because the professor in America has least idea of the circumstances which govern the future career of the student. The Embassy must be competent to give due weight to the requests of the student rather than depending on the recommodation letters.

Training: The training may be on the side of Laboratory research or design or construction A student who wants training in Laboratory, research and design must take courses in the subject to know theory first. A construction engineer must know theory and design if he were to accomplish anything on the construction. The Bureau of Reclamation is the main Centre of Training for most of the foreign students. The interest of the Bureau is to extract as much out turn from a student for their work and the interest of the student is to know the design of his subject. The best way of learning it is by doing the job. When a trainee enters a section, the section may be doing some phase of the desin for their projects. That may be drawing plans, computing quantities for estimation or doing some design work. If the student wants to know that, he will join in doing the job and he will learn that. If he is not interested in that phase, he will be given sufficient literature to study and know what he wants for himself. His questions and doubts will be answered by somebody. Here comes the necessity of taking advanced courses in the University so as to be competent to dig out the intricacies and details when he is left to himself so that he can ask intelligent questions to know the salient points from the experienced people. Most of the students directly come from India and join the Bureau, and though the B.E. standard is enough to follow most of the Bureau's Design Mannuals, yet advanced suitable courses have to be taken just like the Bureau Emplojees. Some of the students from India take courses for non-credit. I think a D grade is more valuable in the Extension Centre of the University of Colorado, Denver, than non-credit.

Construction Training: I have seen most of the Enginnes from P.W.D and Project Organizations directly go to observe the construction operations without caring to now the theory or design. Even then observation is not the thing to do at site. They have to perform the operations by their mind and hands by joining the workmen who do the job. ~~Learnin~~* Cramming of design data and construction equipment data is not at all desirable because by that we cannot do the job in India. Evey problem in India has to be studied from every angle taking into consideration of the indigenous conditions of the country. The people of India have got to develop ability to do their jobs instead of depending on the foreign contractors or equipment because economic slavery is worse than political slavery and we have had enough of it. The country's progress depends on the people and some key personnel in key positions. For e xample, a project is the realisation of a ~~pj~~ project officer who has to have the following:
(1) Vision, (2) Basic Qualifications (3) Organizational powers (4) Expert knowledge on theory, design and construction (4) Tenacity of purpose. Above all he must live to see the product of his vision and labours. No loss is greater than his death in the middle of the job.

From my experience as a Trainee on the consrtuction of the Mc Nary Dam and South Holston Dam, the striking contrast between India and America, I found is that the Americans do things by cooperation and teamwork, with a feeling of humanity based on equality of everybody. In India, I find domination and servitude guided by tradition and emotions. Again in America, the people have realistic and balanced sense of values of things and everybody is guided by calm thinking. In India guiding factor is emotion, inspiration and over estimation of oneself. The remedy for this state of affairs lies in ideological change which ~~can~~ can be*~~ac~~* accomplished by the forces of religion, education and law *~~to~~* and it is a matter of vital importance for the survival of the nation in the heat of the competition of different nations of the world. It is a serious matter for all well wishing people who guide the destiny of the country.

Finally my recommendations to consider are (1) A student should fix up his aim definitely what he wants to specialize. Or the Government must fix up the subject by a thorough study of the aptitude, qualification a and ability of the student. (2) Then the Embassy has got to find out suitable courses in the University and arrange for the required training. (3) A student need not work for a degree (4) After the student returns, the Government should see as far as possible to provide opportunities to enable him to make use of his knowledge. Usually a man of ability will create opportunities if there are no social barriers for him.

(5) The executive officers from the department should not be sent to U.S.A. just to observe the construction operations.

Youre faithfully
P. Bhyravamurthy.
P. Bhyravamurthy

Copy to the EMBASSY OF INDIA for information.

~~28~~ 55 K

Recd. in A.O.P. 12.9. 27378

ASSISTANT [illegible]ARY
9 SEP 1950
EDUCATION DEPARTMENT

EDUCATION DEPARTMENT.

From

The Director of Public Instruction,
Madras.

To

Secretary to Government,
Education Department,
Madras.

RC.No. 1059 K1/50 dated 6-9-1950

Sir,

SUBJECT: Sri P.Bhyravamurthi--Laboratory Assistant,College of Engineering,Guindy on deputation for higher studies abroad--permission to undergo further courses of studies in the U.S.A. during study leave.

REF: U.O. note No.23416--A-1 Edun. Department dated 17-8-1950

I have the honour to state Sri P. Bhyravamurthy may be permitted to take some more subjects during the period of his practical training with the Bureau of Reclamation in the U.S.A. which is expected to be over by March 1951, so that they may be useful for him, on his return to India in imparting instruction in the Engineering Colleges. His request may not involve further extension of study leave but tuition fees have to be met by Government for the additional subjects he wants to take up and he is willing to purchase the text books required at his own cost. He may be instructed to return to India after completion of his practical training with the

~~29~~

56

p. 16 ante

Bureau of reclamation as recommended in my letter RC. No. 139 C1/49 dated 31-5-1950 so that his services may be utilised in any of the Engineering Colleges from the academic year 1951-52.

Yours faithfully,

For Director of Public Instruction

ptv 7/9

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(49)

~~30~~ 57

EDUCATION DEPARTMENT
EMBASSY OF INDIA

2107 MASSACHUSETTS AVENUE, N. W.
WASHINGTON, D. C.

FAST AIR MAIL.

Assistant Secretary
1? SEP 1950
Education Department

Ref. G.667/47

13th September, 1950

Assistant Secretary
19 SEP 1950
28579
Education Department

From: Education Secretary,
Embassy of India in the U.S.A.

To: Secretary to the Government of Madras,
Education Department,
Fort St. George, Madras, INDIA.

Sir:

p. 20 ante

p. 31 infra

Please see our letter of July 27th, requesting orders regarding permission requested by Mr. P. Bhyravamurthi, to take useful courses at the Extension Centre of the University of Colorado. Copy of the deputationist's letter of September 10th is enclosed.

Bhyravamurthi's request for a loan of $200.00 is supported, if sanction to taking of courses at Government expense is impossible.

Kindly cable since registration date is approaching.

Yours faithfully,

G. Krishnayya

(G.S. Krishnayya),
for Education Secretary.

GSK:lt
Encl.

COPY

Dr. G.S. Krishnayya
Dy Education Officer
Embassy of Education
Washington 8, D.C.

Denver,
Sept. 10, 1950

Sub: Request for a loan of $200.00
Ref; G.667/47 dated 24th July, 1950

Dear Dr. Krishnayya:

With reference to your above letter, since you have indicated that I should not count on the complience of the Government of Madras for payment of the courses which I want to take at the Extension Centre of the University of Colorado, I can say that I cannot take the courses in Hydraulics for which I have come to this country, as I do not have any savings. The meagre amount I could save has been spent for my recent tour of 5000 miles and for the purchase of technical text books and Bureau Publications which are necessary for my reference work in India. As I belong to the Department of Engineering Education of the Government of Madras, I know the importance and necessity of taking these courses and as such I feel I am missing much if I do not make use of this opportunity. I also need tosave some money for the transportation of my books from Denver to my native place. Therefore, I request the Government to sanction me a loan of $200.00 which I will repay in rupees in suitable installments from my pay on my return to India.

Since the Registration will be over by 18th of this month, it will be very much appreciated if I can receive a reply beofre that time.

Yours sincerely,

Sd/- P. Bhuravamurthy,

60

(58)

I Edn. Dept.(A).

Fast

By Air Mail.

Letter/Ref.No. 23416-A3 d/- 25/9/50

(51) 61

To

The Edn. Secy., Embassy of India in the U.S.A.,
2107, Massachusetts Avenue, Washington D.C.

Sir,

Sri P.Bhyravamurthi, 1947-8 Madras Govt. deputationist - Course of studies.

Ref:- Your letters No. Ref.G.667/47, d/- 27-7-50 & 13.9.50

cf. 20 & cf. 30

cf. 28

Sri P. Bhyravamurthi may be permitted to take, during the period of his practical training with the Bureau of Reclamation, some more subjects that may be useful ~~for~~ to him in imparting instruction in the Engg.Colleges in this State on his return to India. Only the tuition fees for those courses may ~~xxx~~ be paid from ~~the~~ Govt.'s funds. The officer himself shd. bear the cost of the text-books.

2. I am to request you ~~xxx~~ to arrange for Sri Bhyravamurthi's return to India soon after the completion of his practical training with the Reclamation Bureau, so that he can ~~be x~~ join duty on the staff of one of the Engg.Colleges in this State from the beginning of the academic year 1951-52 - Vide my letter No.4647-A-4-Edn., d/- 13-6-50.

Yrs.ffly.,

25/9/50

25/9

pp.28-29 ante

22.9.50

Copy to the D.P.I.(Ref:- No.1059-K1/50, d/- 6-9-50.)

22-9-50

II

Cablegram. d/- 25.9.50

Indembassy
Washington D C

Thirteenth September

Your G 667/47 / Madras deputationist Bhyravamurthi permitted take some more useful subjects during practical training Stop Govt agree payment tuition fees Stop Letter follows

Madraseducation

26/9

cf. 30.

P.C. to go

26/9

22.9.50

22-9-50

25/9/50

NOTE:-

Draft letter follows the D.P.I.'s suggestion at pp.28-29 C.F.

Draft cable has been subd

62

II

to make necessary ~~fxx~~ arrangements for giving the ~~xxxxxx~~ officer proper training, once he has been sent overseas. 'Tuition fees' is an admissible item of expre. sanctioned for the officers sent under the G. of I. ~~of~~ scheme of tech. edn. overseas.

Pg
21.9.50.
Cues
22.9.50

RM
25/9/50 S/ D/
25.9

A

(52)

~~34~~ 63

EDUCATION DEPARTMENT
EMBASSY OF INDIA

2107 MASSACHUSETTS AVENUE, N. W.
WASHINGTON, D. C.

Ref. G.667/47

4th October, 1950.

33092

ASSISTANT SECRETARY
26 OCT 1950
EDUCATION DEPARTMENT

From: Education Secretary,
Embassy of India in the U.S.A.

To: Secretary to the Government of Madras,
Education Department,
Fort St. George, Madras, India.

Sir:

p.32 ante

I am directed to refer to your cable dated 27th September, our reference G.667/47, regarding the Madras Government Deputationist, Mr. Bhyravamurthi, and to say that pending the arrival of your letter promised in that cable, a representation dated 25th September, sent by Mr. Bhyravamurthi detailing the courses which he considers very necessary to undergo at the Bureau of Reclamation, and the fees which will have to be paid in connection with these courses, is attached.

p.35 x infra

p.32 ante top

p.36 infra

As Mr. Bhyravamurthi's request is supported by Mr. P.T. Butler, Engineer in charge of Foreign Trainees, and as Government of Madras have agreed to the deputationist's taking some courses, it is recommended that the deputationist's request may kindly be sanctioned at an early date.

Yours faithfully,

R.K. Kapur
(R.K. Kapur)
For Education Secretary.

RKK:lt
Encls.

Edn. dept. (A)

The D.P.I. may see this u.o. & offer his remarks at an early date.

Pg
30.10.50
Cues
31.x.50

RM
31/10/50

DDJ.

64

EMBASSY OF INDIA

[illegible] 16th October, 1950.

From: Education Secretary,
Embassy of India in the U.S.A.

To: [illegible] Government of Madras,
[illegible]
[illegible], Madras, India.

Sir:

I am directed to refer to [illegible] Mr. Bhyravamurthy [illegible] Bureau of Reclamation [illegible]

[illegible] Mr. Bhyravamurthy's request [illegible] it is recommended that the [illegible] sanctioned at an early date.

Yours faithfully,

For Education Secretary.

~~35~~ 65

53

Denver 3, Colo.
September 25,1950

From
Shri P.Bhyravamurthy
Deputationist
Denver

To
The Secretary
Education Department
Government of Madras
Madras

Through Proper Channel

Sub: Training with the Bureau of Reclamation

Sir,

In pursuance of the specialization of my subject ' Irrigation & Dam Design ', I have been advised by my supervisors at the Bureau of Reclamation to supplement my training by taking advanced courses at the Extension Centre of the University of Colorado. The Bureau permits any one of its employees to take only 6 credit hours on Graduate Level during any Quarter. The courses I should take are stated below.

The Bureau permits only the Foreign Trainees to buy many of its publications at a very nominal price amounting $25.00. These publications are invaluable for future reference and to secure them is a rare opportunity for me.

Since it is difficult for me to buy even the school text books, with the meagre amount I could save from my maintenance allowance, I am unable to make the best use of my stay at the Bureau as advised by my supervisors without the special sanction of the Government. Therefore, I request the Government for the favourable sanction of the amount as detailed below:

Name of course	Credit Hrs.	Amount of Fees
1. River Hydraulics.	3	$ 21.00
2. Advanced Hydraulics.	3	21.00
3. Hydraulic Structures.	3	21.00
4. Flow in Open Channels.	3	21.00
5. Engineering Geology.	3	21.00
	Total	105.00
Cost of Bureau Publications.		25.00
Total amount requiring for sanction.		130.00

Yours faithfully,

s/ P.Bhyravamurthy

~~86~~ 67

1st End. September 26,1950

Office of the Chief Engineer, Bureau of Reclamation, Cenver, Colorado.

Noted and forwarded to The Secretary, Education Department, Government of Madras, Madras, India.

Mr. Bhyravamurthy is a conscientious and hard working young engineer, and the courses that he wishes to take have been selected to tie in with and to supplement his training with this office. I recommend that, if consistent with your policy, he be given the necessary financial backing for this work.

s/ P.T.Butler,
Engineer in Charge Foreign Trainees

~~37~~ 69

EDUCATION DEPARTMENT
EMBASSY OF INDIA

2107 MASSACHUSETTS AVENUE, N. W.
WASHINGTON, D. C.

ASSISTANT SECRETARY
30 OCT 1950
EDUCATION DEPARTMENT

33598

Ref. G.667/47

19th October, 1950

From: Education Secretary,
Embassy of India in the U.S.A.
To: Secretary to the Government of Madras,
Education Department,
Fort St. George, Madras.

Sir:

I am directed to inform you that Mr. P. Bhyravamurthy expects to be able to reach Madras ahead of the time that the academic year commences. He will complete his training and studies by the end of March, 1951. Passage is therefore being arranged for him early in April.

p.32 ante

Since the Government of Madras have agreed to pay the fees for the courses he has taken at the University of Colorado during the period of his training with the Bureau of Reclamation, he will not require any loan from Government.

p.31 ante

It is presumed that these arrangements being made for the student will be found satisfactory.

Yours faithfully,

G Krishnayya

(G.S. Krishnayya)
for Education Secretary.

GSK:lt

Letter / Ref. No. 33092-A.1 d/- 10/11/50. Edn. dept. (A)

By Air Mail.

To

The Edn. Secy., Embassy of India in the U.S.A.,
2107, Massachusetts Avenue, N.W.,
Washington, D.C.

18/11

42
11/11

Sir,

Sri P. Bhyravamurthi, Madras Govt. Deputationist
- Return to India.

Ref:- Your letters No. 9.667/47, d/- 4.10.50
& 19.10.50.

pp. 34 & 37 cf

p. 37 cf

p. 32 ante

I am to state that this Govt. agree to Sri P. Bhyravamurthi leaving the U.S.A. for this country early in April 1951. As already mentioned in my letter No. 23416-A.3, d/- 25.9.50 only the fees for the courses ~~under~~ he has taken at the Univy. of Colorado may be paid from Govt. funds, the cost of ~~the~~ text-books & other publications being left

~~39~~ 72

to be met from his pocket.

Y. J.

OBM
9/11/50

pg
7.11.50

Copy ~~to the~~ A.G. I
(~~with~~ copies of pp.
24-37 c.f. ~~infra~~).

A 57 73 ~~1~~

Office of the Accountant General, Madras.
Fort St.George, dated December, 1950.

No.T9.Edn.VI.679.

ASSISTANT SECRETARY
7 DEC 1950
37244
EDUCATION DEPARTMENT

From

The Accountant Geberal,
Madras.

To

The Accounts Officer,
Embassy of India in the U.S.A.,
Washington D.C.

Sub: Mr. D. Bhyravamurthy - Madras Government Deputationist in U.S.A.
Ref: Letter 667/47-A dated the 9th October,1950 of the Education Secretary, Embassy of India in U.S.A.

***

Sir,

p. 32 ante

With reference to the letter No. 23416-A-3 Edn., dated 25-9-1950 from the Secretary to the Government of Madras, Education Department addressed to the Education Secretary, Embassy of India in U.S.A., I have the honour to authorise the payment of the tuition fees to the above mentioned scholar.

Edn. (A)

May be filed.

OBM
9/12/50

pg
8.12.50

9.12.50

Yours faithfully,

Sd/-

(A. Md. Sultan)
Assistant Accounts Officer.

mak/6.12.

No.T9.Edn.VI.681, dated 6 December,1950.

Copy to the Secretary to the Government of Madras, Education Department, Fort St.George, Madras. with reference to their endorsement 36606-A-1 dated 28-11-50 for information.

A. Mohammed Sultan

Assistant Accounts Officer.

6.12

ASSISTANT SECRETARY
8 DEC 1950
39438

Education Department

From
The Director of Public Instruction,
Madras.

To
The Secretary to Government,
Education Department,
Madras.

Rc.No.1059 K1-C3/50 dated 5th December 1950.

Sir,

Sub:--Overseas training--Report on the advanced studies and training in the U.S.A. from Sri P. Bhyravamurthy a Madras Government Deputationist--Remarks of the Principal, College of Engineering, Guindy-submitted.
Ref:--U.O.Note No.23416A2 Education dated 23rd August '50.

*****

p. 24 and below

With reference to the above, I have the honour to enclose herewith a copy of the remarks Rc.No.1-2A/47 dated 29-11-50 of the Principal, College of Engineering, Guindy on the letter dated 5-7-50 from Sri P. Bhyravamurthy to the Honourable Minister for Education, and to submit that no action need be taken on the letter of the scholar in the circumstances explained by the Principal.

Yours faithfully,

For Director of Public Instruction.

Edn. (A)

May be filed.

P.I.
21-12-50

21.12.50

Copy of letter Rc.No.1-2A/47 dated 29th November 1950 from the Principal, College of Engineering, Saidapet P.O. Madras to the Director of Public Instruction, Madras.

******

Sub:--Overseas training--Report on the advanced studies and training in the U.S.A., from Sri P. Bhyravamurthy a Madras Government deputationist-Remarks.

Ref:--Director's Proceedings Rc.No.1059.K.1/50 dated 13-9-50.

******

pp. 24-27 ante

With reference to the proceedings cited above and the report on the advanced study and training in the United States of America from Sri P. Bhyravamurthy I am enclosing herewith the remarks submitted by Sri V. Kalyanaraman, Professor of Civil Engineering, who has undergone advanced studies in Engineering in Toronto and has travelled throughout Canada and the United States of America. My object in enclosing his reply is to obtain the views of one who has had the same opportunities as Mr. Bhyravamurthy and to find out his re-actions towards the several points raised in the letter. In addition I have had discussions with other Overseas scholars who have obtained the M.S., degree in Engineering in the United States of America. It is also very desirable that the letter from Mr. Byravamurthy is sent to other Engineers who have been deputed for higher studies from the Public Works Department as Mr. Bhyravamurthy has raised certain points which relate to Engineers in service and the type of training that they should have while abroad.

pp. 44-45 infra

pp. 24-27 ante

In the scheme of deputing scholars overseas both the Madras Government and the Central Government have been sending scholars immediately after they have obtained an Engineering degree as well as those who have had some years of experience in Engineering Institutions as well as those who have had experience in Engineering departments. In previous instances I have urged that the maximum advantage can be obtained only if graduates who have had a certain

P.T.O.

certain amount of initial experience be sent abroad. Sending of raw graduates, who have no experience in field Engineering was considered not the best possible way to select candidates for studies abroad. In the choice of candidates now it is observed that the Madras as well as the Central Government are following this procedure. This is one of the several points raised by Mr. Bhyravamurthy.

pp.24-28

Mr. Bhyravamurthy has also some observation about technical education in the United States of America and draws attention to its defects and how far it fulfills the needs for which students are sent abroad. In page 3 he states that the American Universities have their own curriculum suited to the needs of its States and the rules will not be relaxed to suit the needs of the foreigners. Reviewing the selection of candidates for going overseas it is seen that they have been sent under three different categories, students who go for higher degrees in Engineering, departmental Officers who go for the study of particular problems and advanced methods of approach to these problems and special senior officers who are deputed to study the organisation and special constructional methods adopted in other countries. The first category of Officers have always been ear-marked for the purpose of teaching Engineering Science in the various technical institutions in the State and in the Centre, and it is taken for granted that their stay must be in an Engineering or technical institution where students are trained for the basic degree as well as for the post-graduate degree. In several instances it has been urged by me that the encouragement of research by members of staff in an institution is one good method of improving the efficiency of instruction. When a member of staff engages himself in post-graduate study and research he not only gains confidence but he gathers in addition valuable amount of data which is very useful in his work as a teacher in an Engineering Institution. When candidates go abroad it is very necessary that they should go for a definite idea of getting a higher degree in Engineering. In almost all cases the overseas scholars who have gone abroad have managed to go to particular Universities and get their M.S., degree in the particular subject for which they had been ear-marked. Mr. Bhyravamurthy's anxiety seems to me to be to obtain the maximum benefit for himself by getting a doctorate degree forgetting that it would not be possible within the time allotted for him to get a doctorate in Engineering.

p.26

Mr. Bhyravamurthy complains that the grading done in most of the Universities in the United States of America are defective as the Professors do the grading more on the polished manners of the student than on the work done by him. I agree with Professor Kalyanaraman that it is a very serious statement to make and as no such complaint has been made in the past by the students who have gone abroad and as it is a criticism levelled against Professors in American Universities, no cognition should be taken of the same. If Indian students are to derive real benefit by going abroad certain defects pointed out by Mr. Bhyravamurthy seems to be against deriving the maximum benefit. These defects which seem to be community, environment, etc., do not seem to be so apparent as Mr. Bhyravamurthy thinks. A University education is supposed to remove such defects and if such defects still exist we have to look for the remedy here.

p.26

pp.44-45

pp.26-27

With regard to the selection of Officers from departments Mr. Bhyravamurthy states that while they are abroad it is very necessary that they should undergo special courses in order to follow design and construction, I am sure that Officers who have been deputed by the different Governments for such work if they are unable to follow design particulars would either by private study or by attending special courses for which there seems to be great possibilities in the United States of Amercia would have done so if they found it necessary. Mr. Bhyravamurthy in the course of his remarks has based his deductions and conclusions on a wrong hypothesis. He supposes that every Engineering student who has passed out of an Institution has only that amount of knowledge that he has gained in the College whereas it is not the case. Students in Colleges have only got a good grounding in fundamental subjects and with years of experience they acquire a great deal of theoretical

P.T.O.

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theoretical as well as practical knowledge. The amount of information that can be given by any Senior Engineer today on various problems of Engineering importance are worth while to be noted and the Officers who are deputed to go abroad for training will naturally be those who have acquired sufficient experience. Even while a student is in the College he is told that what is aimed at in an institution is not to spoon-feed him but to show him how to acquire the necessary knowledge in his various subjects. The Officer in a department builds on this basic principle and he manages to equip himself in the field of his particular work.

Taking the remarks of Mr. Bhyravamurthy as a whole it is submitted that although Mr. Bhyravamurthy had a certain amount of experience still he places himself on a level with an ordinary student fresh from a college seeking to remedy defects which in some cases are not real at all. His remarks also embrace emotional issues. An Engineer although he should be fully trained in all aspects not only of Engineering but of all affairs of the world must give clear-cut and definite ideas about any proposals. He must keep sentiment away from his work and must think on practical lines. In my opinion the selection of candidates for being sent abroad for overseas training started as an experimental measure and those in charge have noted the defects of the system and how it could be remedied and by experience the scheme has been organised on lines which is bound to give the maximum benefit not only to those going abroad but also to the various Governments that are sending such scholars. I am, therefore, of the opinion that no action need be taken on the letter of Mr. Bhyravamurthy.

(Sd)x x x x x x
Principal

Remarks of Sri V. Kalyanaraman, Professor of Civil Engineering, on the report of Sri P. Bhyravamurthy:--

p.24

"Sri P. Bhyravamurthy who was working in the College as Instructor in Survey and Drawing, (rank same as Assistant Professor and not Associate Professor as mentioned by him) has submitted in his letter a report on the advanced studies and training in the United States of America.

p.24

He says he accepted the offer of Government to go on deputation overseas for advanced studies on Irrigation and Dam design with the intention of taking a doctorate degree in the subject and that the Indian Embassy fixed his University before he landed in San Francisco. It is very difficult to get admission in American Universities now on account of heavy rush like that in Indian Universities and the Indian Embassy did the correct thing by fixing up his seat in the University before his arrival. If they had not done that perhaps he would have found it impossible to get a seat after his arrival. Further visa is general given only after a candidate gets a seat in some University. The Indian Embassy generally does not allow students to change from one University to another on account of administrative and other difficulties.

pp.24-28

Next Sri Bhyravamurthy tries to give out the defects in the system of sending students for overseas training. The Government of India have already realised the defects in the system and have now stopped the old scheme and brought in the modified scheme under which persons who have put in a few years service and with proper aptitude only are being sent.

p.26

Mr. Bhyravamurthy next points out the important defects in education and training system in America. He says that in America Professors are more particular for the polished manners and much will depend upon the impression a student creates on the minds of professors irrespective of the knowledge of the subject. Such a damaging statement is not expected from one who has seen professors in American Universities. This shows that Sri P. Bhyravamurthy did not have [illegible] contact with

P.T.O.

78

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p.26 ante with his Professors. Mr. Bhyravamurthy further says that since the recommendation of the Professors regarding courses, training, etc., are mostly governed by the student's desires, the Embassy must be competent to give due weight to the requests of the students rather than depend on the recommendation letter. This is not the fault of the Professor or Embassy. The student who goes for advanced studies must know his requirements.

p.26 ante Next Mr. Bhyravamurthy suggests that students coming for training for organisations like the Bureau of Reclamation, etc., should first take advanced courses in the various subjects in which they are interested before joining for training. This is a good suggestion and the present practice in most cases is the same.

p.27 ante Finally Mr. Bhyravamurthy puts forth his recommendation. As regards his first recommendation, the Government has been already sending only candidates with some experience and aptitude. His second recommendation also the Government is already implementing. His third recommendation is that the candidate must not work for a degree. This is contradictory to what he already said under 'training'. I feel all students going from here must first work for a post-graduate degree and then only undergo some training. This will help the student to realise the full benefits of the practical training. His fifth recommendation that executive Officers from the department should not be sent to the United States of America just to observe constructional operations is uncalled for. Mr. Bhyravamurthy might have left this matter to be decided by more experienced and senior officers."

(Sd)Sri V.N. Kalayanaraman
Professor of Civil Engineering

/True copy/

For Director of Public Instruction

Clb.5-12-50

A ⑥ 79

34/85

No. F4-2/D-8/47 S II
Government of India,
Ministry of Education,
New Delhi 3, the 1.11. 1950.

ASSISTANT SECRETARY
2 NOV 1950
EDUCATION DEPARTMENT

From

Secretary to the Government of India.

To

The Secretary to the Government of Madras
Department of Education,
Madras

SUBJECT:- SCHOLARSHIPS FOR ADVANCED STUDIES OVERSEAS (1947-48) REPORTS IN RESPECT OF PROVINCIAL GOVERNMENTS ~~SPONSORED SCHOLARS~~/DEPUTATIONISTS IN ~~U.K.~~/ U.S.A./~~AUSTRALIA/NEW ZEALAND~~.

Sir,

I am directed to forward herewith for the information of the Provincial Government, a copy of the progress report in respect of Mr. P. Bhyravamurthy a Madras Government 1947 ~~sponsored scholar~~/deputationist.

The Provincial Government may kindly forward suggestions, if any, from the point of view of the employment of Mr.__________ is expected to take up on his return.

Yours faithfully,

for Secretary.

Edn. dept. (7)

Endt. no. 33092-A.2 d/- 10/11/50.

~~Bakshi)29.10.49/500~~

39 11/11

Communicated to the D.P.I.

To The D.P.I.
(with copies of letter above & copies of pp. 2-6 infra).

p.f. 7.11.50

DDM WE by 25th

9/11/50

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81

61

FORM 4

PROGRESS REPORT

NOTE TO STUDENTS

I. In every case, it is essential for you to state the degree, if any, for which you are studying. The likely date of taking the degree should in all cases be mentioned. If you are not studying for a degree, please mention the likely date when you hope to complete the course of study you are pursuing. When you have already taken a degree please give the date of taking it and state what you have been doing since taking the degree, and when you hope to complete this course, or training you are undergoing at present. Of the four copies that are being sent to you three are to be returned; one is for your record.

II. This report must be submitted through your Professor or Supervising authority in-charge. (See Page 2).

Name in Block Capitals [illegible] File No. G 667/47

Scholarship/Study Leave/Deputationist Deputationist

SPONSORING AUTHORITY Government of Madras

1. Date of arrival in U.S.A. 9th. September 1949

2. Subject for which selected Irrigation & Dam Design

"3. Course of study or training undertaken Irrigation & Dam Design

4. Degree sought/obtained Master of Civil Engineering (M.C.E.)

5. Approximate date of degree award 17th. December 1949

6. Institution in which student is pursuing study/training University of Colorado and Bureau of Reclamation, Denver.

"7. Course of study or training attended during period under review

Enclosed in a separate sheet

"8. All Examinations (including subjects) taken, with dates and results. (In the final examinations the degree or diploma obtained should be stated, with subjects taken, and honours, if any.) The grades obtained in the final examination must be stated. Grades should be explained.

Examination taken on 15th. June 1950. A = Superior, B = Good, C = Fair, D = Minimum, F = Fail.

9. Any prizes or other Distinctions

" If necessary use separate sheet.

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[illegible]

[illegible]

I. In every case, it is essential for you to state the degree, [illegible] for which you are studying. The likely date of taking the degree [illegible] should also be mentioned. If you are not studying for a degree, please mention the likely date when you hope to complete the course of study you are pursuing. When you have already taken a degree please give the date of taking it and state what you have been doing since taking the degree, and when you hope to complete this course, or training you are undergoing at present. Of the four copies that are being sent to you [illegible] one is for your record.

II. This Report must be submitted through your Professor or Supervising authority. Instructions [illegible]

Name in Block Capitals ______ File No. ______

Scholarship/Study Leave/Sponsorship ______

SPONSORING AUTHORITY ______

1. Date of arrival in U.S.A. ______
2. Subject for which selected ______
*3. Course of study or training undertaken ______
4. Degree sought/obtained ______
5. Approximate date of degree award ______
6. Institution in which student is studying/training ______
*7. Course of study or training undertaken during period under review ______
*8. All examinations (including subjects) taken, with dates and results. [illegible]
9. Any prizes or other distinctions ______

* If necessary use separate sheet.

62

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83

10. FOR STUDENT TAKING PRACTICAL TRAINING:

Name of Concern:	Date of Joining:	Stay to last until:
Bureau of Reclamation	2nd March 1950	2nd March 191

Nature of Training:

Laboratory Testing & Design Work.

11. This Report covers the period beginning from 2 nd March 1950 and lasting up to 2 nd September 1950.

12. University of Institution Supervisor's Report on the work of the student during the period under review:

During the period March 2, 1950 to September 2, 1950 Mr. Bhyravamurthy has been assigned to the following sections; Concrete Laboratory and Design and construction of headworks and sedimentation. In addition one month has been spent on a field inspection trip of Bureau projects.
Mr. Bhyravamurthy's work has been highly satisfactory and his supervisors report him to be conscientious, industrious, willing to learn and cooperative in every regard.

Date September 18,1950 Signature P. T. Butler

P. T. Butler
Engineer in Charge Foreign Trainees

13. Observations of the Education Department, Embassy of India.

A fine report

Date ______ Signature ______

Signature of Student P. Bhyravamurthy

Place Denver

Date 14 th September 1950

Studies at the Extension Centre of the University of Colorado, Denver.

Spring Quarter, 1950

Course Title	Dept.	Course No.	Credit Hrs	Grade
River Hydraulics	C E	232B	3	B
Begin French	F R	1A	5	C

P. Bhyravamurthy
Signature

Training of Shri P. Bhyravamurthy with the Bureau of Reclamation, Denver, Colorado, for the period of March 2, 1950 to August 31, 1950.

CONCRETE LABORATORY

1. March, 1950.

(1) Designing and Trial Mixing ofthe concrete ingredients for the production of Mass Concrete suitable for the construction of Canyon Ferry Dam, Montana.
(2) Designing and Trial Mixing of the concrete ingredients for the production of concrete suitable for Canal lining, on 3/13/50, 3/23/50 and 3/30/50.

2. April, 1950.

(1) Designing and Trial Mixing of the concrete ingredients for the production of Mass Concrete suitable for the construction of Canyon Ferry Dam, Canyon Ferry Project, Montana.

3. May, 1950.

Completion of all the series of Trial Mixing for the Canyon Ferry Dam. Study of the preperation of the Laboratory Reports. Study and Observation of the Laboratory Concrete and Aggregate Tests -- curing conditions, erosion tests, determination of the thermal characteristics, permeability tests, breaking of the cylinders, petrographic analysis of concrete and aggregate, and phisical properties of aggregate.

DIVERSION WORKS DESIGN SECTION

4. June, 1950.

Study of the literature on the problem of silting of reservoirs: (1) Sewage & Sewage Disposal by Leon and Metcalf. (2) Applied Hydrology by Ray, Max, and Joseph. (3) A treatise on the Applied Hydraulics by Herbert Addison. (4) U. S. Department of Agriculture Publication No.151

Worked out a problem on the design of desilting basin. Study of the estimation of the silt disposal by dredging operations.

Diversion Works. Working problems in drawing Back water and Tailwater curves, design of length of spillways, crest dimensions and stability analysis of the weir.

Study of the Hydraulic Lab. Report Nos.18 & 182 and working problems to determine the flow conditions of tailwater, to fix the water elevations at upstream and downstream of a reservoir, and to design the aprons.

HYDRAULIC LABORATORY

5. July, 1950.

(1) Observation of the Hydraulic Model Studies.
(2) Study of the Problem of Sedimentation .

The list of the literature studied is:

1. Design of Weirs on Permeable Foundations, by A.N.Khosla.

2. Silting of reservoirs, by A.N. Khosla.
3. A Report on the study of Indian Irrigation Works, by W.M. William.
4. Canal Intake Works from the Hydraulics Structures,Vol.II by A.Schoklitsch
5. Designof Canal Head Works, F.W. Schonemann
6. Technical aspects of silt problems on the Colorado River by C.P.Vetter
7. Why desilting works for All American Canals by C.P.Vetter
8. Some Notes on the results of river training in the Punjab by F.J. Harvey
9. Buckley's Irrigation Works of India, Chapt.III. Silt.
10. Francis or Impulse , Influence of wear and operating conditions
    Paper No.49 - A - III, A.S.M.E.
11. Diversion of Sediment at branching channels by Gerard H.Mathes
12. Influence of Silt on River Behaviour by Philip Claxton.
13. Irrigation Structures by Etchivery
14. A Study of Methods used in measurement and Analysis of Sediment loads in streams. Report Nos. 1 to 9 by the Hydraulic Laboratory, University of Iowa.
15. Formulas for the transportation of Bed-load, by H.A. Einstein
    Transactions. ASCE. Papef No.2140
16. Principles of Design of Stable Channels in erodible material
    by E.W. Lane.

TECHNICAL REFERENCE SECTION & TOUR OF ± 5000 MILES

6. August, 1950.

Study of the plans and specifications of the Hungry Horse Dam. Tour of 5000 miles: Purpose:- To observe the engineering feats and other points of interest such as highways, dams, tunnels, bridges, culverst,National Parks and cities.

Visit to Yellow Stone Park
Visit to Hungry Horse Dam (under construction)
Visit to Banff National Park,Canada.
Visit to Ghost Hydroelectric Plant, Canada
Visit to VancoverB.C., Canada.
Visit to Seattle
Visit to Shasta Dam
Visit to Sanfransisco
Visit to Reno.

P. Bhyravamurthy
Signature of the Trainee

P. T. Butler
Signature of Supervisor

90

(66)

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EMBASSY OF INDIA
EDUCATION DEPARTMENT

2107 Massachusetts Ave., N.W.,
Washington, D.C.

January 18th, 1951

ASSISTANT SECRETARY
2 FEB 1951
4242
EDUCATION DEPARTMENT

Our Ref. G. 667/47

From: Education Secretary,
Embassy of India in the U.S.A.

To: Secretary to the Government of Madras,
Education Department.

Sir:

Subject: Sri P. Bhyravamurthy, Madras Government Deputationist (1947-48)

pp. 3-6 infra

I am directed to enclose herewith two copies of Employment Form completed by the above named Deputationist. Our comments in the appropriate column may kindly be noted. Mr. Bhyravamurthy expects to return to India early in April, 1951.

Cop. 15 — p. 6 infra

Yours faithfully,

R. K. Kapur
for Education Secretary

Copy forwarded to the Secretary to the Government of India, Ministry of Education, together with a copy of the Employment Form.

for Education Secretary.

68 / 7.2.51.

Edn. Dept. (A)

Endt. no. 4242 A.1 d/. 5/2/51

Commd to the G.I.

To the ~~G.I.~~ G.I.
(with copy of letter above & (E) below in orgl.)

3 2 51

5/2/51

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(67)

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GOVERNMENT OF INDIA
MINISTRY OF EDUCATION

Overseas Scholarships (Central) - Application for Employment of Scholars

N.B. - This application must be submitted (in quadruplicate) at least FOUR months before a scholar's stay abroad is to come to an end.

1. Full Name (in block letters)	P. Bhyravamurthy
2. Date of birth	Jan.4,1920
3. Father's Name	P. Ramaswamy
4. Full address in India to which correspondence should be addressed to the scholar on his return	C/o. The Principal College of Engineering Guindy, Madras.
5. (i) Subject of Scholarship	Irrigation & Dam Design
(ii) Exact Branch	Irrigation & Dam Design
6. Year of selection	1947
7. Date of commencement of scholarship (Date of arrival in the country of study)	Sept.9,1948
8. Date on which the course of his studies is due to terminate	March 30,1951
9. Approximate date of return in India	May 15, 1951

10. Qualifications prior to Selection

	Name of College, Institute or University attended	Examination Passed	Division obtained	Year	Subjects Taken
(a) Academic (i) Degree & post-graduate examinations only	College of Engineering Guindy, Madras.	B.E; C.E.		1942	Civil Engineering
(ii) Post-graduate training or research					

(iii) Published Works (give names of the papers published, if any.)	

	Institution, Co., or Office where trained or employed	Post or capacity in which employed	Pay if any drawn (with scale)	Period
(b) Practical training and industrial or professional experience gained (including apprenticeship)	Madras P.W.D.	Section Officer	Rs.150(150 -250)	1943-44
	Madras Eng.College	Materials Testing Lab. Assistant	Rs.155(155- 300)	1944-46
	- do - do -	Instructor in Surveying & Drawing	Rs.260(260 - 750)	1946-47
	Central CWINC	S.D.O.	Rs.350(350 - 500)	1947-48

(c) Additional qualifications not covered in (a) and (b) above	(1) 1940-1942 -- Training in U.OTC. 5th. Battalion - Sappers & Miners Detachment. (2) 1949 -- Selected Associate Member of the American of the American Society of Civil Engineering

(d) Post held at the time of selection:	
(a) Name of the Post	Subdivisional Officer
(b) Pay last drawn and the scale of pay	Rs 375/- Scale: Rs 350 - 25 - 400(E.B) - 50/2 - 500
(c) Office or Government where employed	Mahanadi Investigation Division, CWINC, (Govt of India) Hirakud Dam Project.
(d) Did you resign, or go on study leave terms or on extraordinary leave?	Go on study leave terms

11. Overseas Qualifications Acquired:

(a) Name of the country of study U. S.A.

(b) Details of the course of study covered (up-to-date):

	Institution or University, etc. attended	Duration		Subject With Exact Branch	Some details of the course (if the space is not sufficient, attach a separate sheet)	Degree, Diploma or Certificate if any, obtained
		From	To			
(i) Academic	Speed Scientific School, University of Louisville, Louisville(Ky)	Sep.1948 Oct.1,1949	June15,1949 & Feb.20,1950	Civil Eng. Structural Engineering	Advanced Courses taken in Soils, Concrete, Structures and Maths.	M.C.E. degree
	Extension Centre University of Colorado, Denver	Mar.2,1950	Mar.20,1951	Civil Eng. Hydraulics	Adv.Courses taken in Hydraulics & Geology	Grade Sheets are given

(ii) Pratical Training	U.S.Corps of Engineers	July1,1949	Sept.10,1949	Construction	Training in different phases of construction of McNary Dam	
	T.V.A.	Sep.20,49	Sept.30,49	Construction	Training in different phases of construction of South Holston Dam	
(iii) Educational visits and study tours	Bureau of Recln. Denver.	March2,50	March20,51	Design & Lab.Work	Design of Concrete and Earth Dams, Testing of Soils and Concrete ,Study of Sedimentation, Diversion Works etc.	Certificate
(iii)	Visited from South to North, from Middle to West . Space is not enough to narrate the story					

(iv) Any papers published? Please give details or attach copies	No
12. (i) Do you have any suggestions about your employment?	No.
(ii) Would you prefer a (a) Administrative (b) Technical or (c) Teaching Post?	Administrative Post.
13. Testimonials attached (Attach at least 2 testimonials from Professors or Supervisors under whom you worked during your studies overseas and give their named and addresses).	Enclosed two seperate sheets giving the addresses of the Supervisors.

P. Bhyravamurthy

Signature of the Applicant

Date ~~Dec.~~ January 10,1951

P.T.O.

14. Tutor's Remarks:	
15. Forwarding Report by the Indian Embassy or H.C.'s Office concerned on the Scholar's work and general conduct (if necessary any confidential report may be sent separately.)	During his stay in this country, this Deputationist obtained the M.C.E. from the University of Louisville. His record at the University was satisfactory. He also spent a year at the Extension Centre of the University of Colorado and has acquired some useful instruction in Hydraulics and Geology. He has also travelled considerably in this country and has made himself familiar with some of the important projects. His conduct and character have been very good and he is recommended for a suitable post. Signature of the forwarding authority Date January 18th, 1951

N.B. Separate sheets to be attached in case space in any column is found insufficient. Please denote carefully.

rps18xi147
S.

(Refer Col.13)

Extract from the 6 month Progress Report from Sept.9,1949 to June15,1949

The work of Mr P.Bhyravamurthy has been satisfactory. He is very much interested in his work, and has taken several inspection trips to engineering works. This summer will be spent on the practical training on engineering projects. His past experience as a college teacher stands him in good stead, and I believe that he will make an excellent record as a teacher, should he return to this field of endeavor. With the practical experience he will obtain on large American Engineering Projects, he should be a valuable asset to an Engineering Project in his native country.

Sd. W.B.Wendt
Head of Civil Engineering Dept.
Speed Scientific School
University of Louisville

Address.

Professor W.B. Wendt
Speed Scientific School
University of Louisville
Louisville (Ky)

(Refer Col.13)

Extract fromm the Report on the Training on the Mc Nary Dam Project.
July 1,1949 to September 10,1949

Mr P.Bhyravamurthy worked conscientiously to learn as much as he possibly could about construction procedures, organization of construction forces, and pertinent features of the design of McNary Dam. During his stay at this project he demonstrated that he was intelligent and that he possessed the ability to investgate thoroughly all pertinent data concerning any operation. The questions he asked from time to time were very intelligent and the conclusions he reached were in general, very sound.

This man is quiet and unassuming and his true worth is not apparent on first contact. It is the opinon of the undersigned that he will develop into an engineer of sound judgement capable of making excellent decisions.

Sd. WM. J. Ellison. JR.
Lt.Col. Corps of Engineers
Project Officer
Mc Nary Dam Project.

Address

WM. J. Ellison. JR.
Lt.Col. U.S.Army
C/o. Chief of Engineers
Washington 5 D.C

100

~~10~~

---

(71)

101

624E - 12th Avenue
Denver 3, Colo.
January 10, 1951

The Secretary
Education Department
Secretariat
Madras.

Through Proper Channel

Sir,

As I am leaving the U.S.A. at the end of March, 1951, I request that my posting orders may kindly be sent to my family address given below.

Yours faithfully
P. Bhyravamurthy
P. Bhyravamurthy

Address

Srimathi P. Venkayamma
Pattabhi Street
Gandhinagar
Kakinada

624E- 12th Avenue
Denver 3, Colo.
Jan.14, 1951

The Accountant General
Central Revenues
New Delhi

Through Proper Channel

Sub. Deputation Allowance to the Officers drawn from Provinces.
Ref: Your No.GI 52 - 47/2354 dated 25 - 2 - 1948

Sir,

With reference to the above, I have the honour to inform you that the Government of Madras have regularized my post as Instructor in Surveying & Drawing from 3 - 2 - 1947.

In Madras Province, it has been the practice that the Assistant Engineers from Public Works Department (P.W.D) are appointed as Instructors(when vacancy arise) in the College of Engineering and the Instructors from the College are taken as Assistant Engineers in P.W.D. Therefore, I think that the Government of Madras does not show any difference between the two, one ~~has~~ as engineering and the other as non-engineering. In fact, it is the instructor that trains the candidates to be drawn as Assistant Engineers in P.W.D.

I, therefore, request that the benifits of concessions accorded to other officers on deputation, as per Government of India, W,M.P. Dept. Letter No.DWI(31) C.W.I.N.C. dated 17 - 3 - 47, may also be accorded to me from the date of my appointment as Assistant Engineer on the Hirakud Dam Project.

A copy of your letter No.GI 52 - 47/2354 dated 25 -2 -48 and a copy of the Proceedings of the Director of Public Instruction, Madras, Dis22/51 dated 30 - 12 - 50 are herewith enclosed for your perusal.

This letter may please be read in conjunction with my letter dated 15 - 5 - 1949 and the allowances may please be sent by M.O. to the address of nominee mentioned in the same letter.

Yours faithfully
P. Bhyravamurthy.
P.Bhyravamurthy

Copy to the Director of Public Instruction, Madras, for information in continuation of the copy of letter dated 15 - 5 - 1949 addressed to A.G.C.R.

Copy to the Accountant General, Madras, in continuation of ~~my lette~~ copy of my letter dated 15 - 5 - 1949, for information

Office of the Accountant General
Central Revenues
New Delhi

NoGI 52 -47/2354, dated the 25th February 1948.

Copy of letter No GI-52-47/2353 dated 25 Feb 1948 ferwarded to P.Bhyravamurthy, Assistant Engineer, Mahanadi Investigation Division, C.WI.N.C Sambalpur with reference to his letter dated 24 - 12 -47.

It appears that the post of Instructor in Surveying and Drawing (Temporary) College of Engineering, Guindy, held by him was a non-engineering one and it was not held by him substantively. He is therefore not entitled to the beefits of the concessions contained in Govt.of India, W,M.P.Dept. letter No.DWI(31) C.W.I.N.C. dt.17.3.47

Sd. Illegible

Dy Accountant General

(True Copy)

PROCEEDINGS OF THE DIRECTOR OF PUBLIC INSTRUCTION, MADRAS
Dis.22/51 dated 30 -12 - 1950

GOVERNMENT OF MADRAS
Abstract

Madras Educational Service - Sri P.Bhyravamurthi - Temporary Appointment as Instructor* in Engineering - Regularized.

*- -

EDUCATION DEPARTMENT

G.O.Ms.No. No.3327, Education, Dated 18th December 1950

Read the following:-

G.O.No. 1683 Education , dated 24th May 1949
From the Director of Public Instruction, No.326 - C.1 - C.3/49 dated 16th October 1950 to the Secretary, Madras Public Service Commission
From the Secretary, Madras Public Service Commision, No.5331 - B *.1/50-2 dated 31st October 1950.

*- - - - - -

ORDER:

The Government direct that Sri P.Bhyravamurthi, Officiating Laboratory Assistant in the Madras Educational Subordinate Service (now in the United States of America on study leave), be deemed to have been regularly appointed in the Madras Educatinal Service from 3 - 2 - 1947.

Sd. K.M.Unnithan,
Secretary to Government

Copy comminicated
To Sri P. Bhyravamurthy through the Education Secretary, Embassy of India, in the U.S.A. 2107, Massachusetts Avenue, Washington D.C.

~~TH~~* (True Copy)

EXPRESS LETTER

ASSISTANT SECRETARY
2 MAR 1951
8163
EDUCATION DEPARTMENT

Washington, D.C.
31st January, 1951.

G.667/47/A

From: The Education Secretary,
Embassy of India in the U.S.A.

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

Subject: Mr. P. Bhyravamurthy - Madras Govt. Deputationist in U.S.A.

Q/4

With reference to letter No. G.4 Edn.401 dated - July, 1950 from The Accountant General, Madras to you, orders of Government in regard to thesis charges incurred by Mr. P. Bhyravamurthy may kindly be issued in order to admit the claim of this officer. A copy of this office letter of even number dated 12th June, 1950 addressed to the Accountant General, Madras is enclosed for ready reference.

Q/5

....
Issue of the above is authorised.

V.P. Shastry
V.P Shastry
Assistant Accounts Officer

110

C O P Y.

Same as Q/5

16

Washington, D.C.
12th June, 1950.

111

G. 667/47/A

From: The Education Secretary.
Embassy of India in the U.S.A.

To: The Accountant General,
Fort St. George,
Madras.

Subject: Mr. P. Bhyravamurthy - Madras Government deputationist.
Thesis. charges.

Sir,

Q/2

I am directed to refer to your letter No. 6263-A.1 Education dated 12th May, 1950 concerning the expenditure of $54.61 as incurred by Mr. P. Bhyravamurthy, in connection with presentation of his thesis, and to say that the following payments were made and receipts were submitted on the dates mentioned:-

Supplies	28/8/49	$6.72
	23/12/49	.50
	2/2/50	7.47
	1/3/50	1.92
		$16.61.

In addition Mr. Bhyravamurthy submitted a receipt in the amount of $38.00 signed by Mrs. K.W.Gault of Louisville, Kentucky a copy of which is enclosed for reference. From the details on the said receipt, it would seem that payment was made on the 19th September, 1949. The decision in this matter may kindly be intimated so that Mr. Bhyravamurthy may be informed accordingly.

Yours faithfully,

(sgd)

for Education Secretary.

112

By Fast Air Mail.

Edn. Dept.(A).

Letter/Ref.No. 8163-A-1 Edn., d - 15-3-57

57

113

To

The Edn. Secy., Embassy of India in the USA,
2107, Massachusetts Avenue, N.W.,
Washington D.C. (with copy of "Q"/7).

10/1613

Sir,

Mr.P.Bhyravamurthy, Madras Govt. deputationist - Thesis charges.

Ref:- Your Express letter No.G.667/47-A, d/-. 31-1-51.

c.f.)

~~Or~~ I am to state that orders in the matter were issued as early as Sept. 1950 - Vide copy of ~~my~~ (this dept.) letter to you No.6263-A-4, d/- 14-9-50, enclosed.

Q/7

Yrs.ffly.,

BM
15/3/57

Copy to the A.G.(with copy of "Q"/7.

P.
14.3.57

114

(78)

115

G. 667/47/A

Washington, D.C.
10th April, 1951.

From: The Education Secretary,
Embassy of India in the U.S.A.

To: The Secretary to the Government of India,
Ministry of Education,
New Delhi.

ASSISTANT SECRETARY
25 APL 1951
(534)
EDUCATION DEPARTMENT

Sir,

I am directed to enclose three copies of an Individual Financial Statement for Mr. P. Bhyravamurthy a 1947 Madras Government deputationist, who departed from the U.S.A. on 3rd April, 1951.

Yours faithfully,

for Education Secretary.

Copy to: The Secretary to the Government of Madras,
Education Department, Madras.

The Accountant General, Madras.

V.P.Shastry
for Education Secretary.

16
/
2874

Endt. no. 15347 D.1 Edn. Dept. (A)
27.4.51.

Commr.

D.P.I.

P.S.
26.4.51

27/4/51

26/4/51

2/5/51

To The D.P.I.
(with copy of letter above & copy of p. 3 infra).

116

79

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OVERSEAS SCHOLARSHIP SCHEME

INDIVIDUAL FINANCIAL STATEMENT.

1. Name of Scholar: **P. Bhyravamurthy**
2. Central, Provincial (State here whether sponsored or deputationist) or State Scholar. If Provincial or State Scholar, give the name of the Indian State concerned: **Madras Government deputationist**
3. Year of Selection: **1947**
4. Date of embarkation after completion of studies abroad: **April 3rd, 1951**
5. Date up to and for which stipend or leave salary has been paid and the rate of stipend or leave salary: **Stipend paid from 9th September, 1948 to 21st September, 1949 at the rate of $6.00 per diem. From 22nd September, 1949 to 31st March, 1951 at the rate of $160.00 per month. April 1st to 3rd, 1951 at the rate of $5.00 per diem while awaiting return passage.**
6. Amount paid as journey allowance: **nil**
7. Amount paid towards railway journey in India. In case an authority to the travel agents for providing a railway ticket for journey in India has been issued, it should be mentioned here: **nil**
8. Any other advances, advance payments or overpayments or disputable payments made to the scholar or outstanding against him which require recovery or regularisation in India: **$44.72 on account of Thesis charges paid to scholar in respect of items incurred prior to 21st September, 1949. See this office letters No.G.667/47 dated 21/3/50 and 31/1/51 to Govt. Madras, also letter same number dated 12/6/50 to A.G. Madras in regard to claim of $54.61 for Thesis charges. Authority for payment not yet received and necessary adjustment may please be made with the scholar in India.**
9. Amounts, if any, due to the scholar but not paid to him: **nil**

Orders already issued [illegible]

Signature of returning Scholar: P. Bhyravamurthy
Date: 30th March, 1951.

Signature of competent authority: VPShastry
Assistant Accounts Officer.
Date: 30th March, 1951.

18

NO. F.4-2/D.8/47.S.I
GOVERNMENT OF INDIA
MINISTRY OFEDUCATION

A (8) 5 119

NEW DELHI THE 3rd MAY, 1951.

From

The Secretary to the Govt. of India.

To

✓The Secretary to the Govt. of Madras,
Education Deptt., Madras.

ASSISTANT SECRETARY
4 MAY 1951
16636
EDUCATION DEPARTMENT

SUB: ADVANCED STUDIES OVERSEAS IN RESPECT OF MR. P. BHYRAVAMURTHY A 1947-48 MADRAS GOVT. DEPUTATIONIST.

-.-

Sir,

I am directed to state that Mr.P. Bhyravamurthy is reported to have left United Kingdom for India on S.S. Chusan on the 14th April,1951. The exact date of his arrival in India and his employment position may kindly be communicated to this Ministry in due course.

I am also to enclose a copy of his Individual Financial Statement for the period of his stay in the U.S.A. received in this Ministry from the Indian Embassy in Washington.

p. 7 infra

this has been communicated to the [illegible] already. Copy was recd. direct from USA p. 3 ante

Yours faithfully,

G. F. Lekhani

(G.F.Lekhani)
for Secretary

OVERSEAS SCHOLARSHIP SCHEME

INDIVIDUAL FINANCIAL STATEMENT.

(9)

1. Name of Scholar	P. Bhyravamurthy
2. Central, Provincial (State here whether sponsored or deputationist) or State Scholar. If Provincial or State Scholar, give the name of the Indian State concerned.	Madras Government deputationist
3. Year of Selection:	1947
4. Date of embarkation after completion of studies abroad:	April 3rd, 1951
5. Date up to and for which stipend or leave salary has been paid and the rate of stipend or leave salary:	Stipend paid from 9th September, 1948 to 21st September, 1949 at the rate of $6.00 per diem. From 22nd September, 1949 to 31st March, 1951 at the rate of $160.00 per month. April 1st to 3rd, 1951 at the rate of $5.00 per diem while awaiting return passage.
6. Amount paid as journey allowance:	nil
7. Amount paid towards railway journey in India. In case an authority to the travel agents for providing a railway ticket for journey in India has been issued, it should be mentioned here:	nil
8. Any other advances, advance payments or overpayments or disputable payments made to the scholar or outstanding against him which require recovery or regularisation in India:	$44.72 on account of Thesis charges paid to scholar in respect of items incurred prior to 21st September, 1949. See this office letters No.G.667/47 dated 21/3/50 and 31/1/51 to Govt. Madras, also letter same number dated 12/6/50 to A.G. Madras in regard to claim of $54.61 for Thesis charges. Authority for payment not yet received and necessary adjustment may please be made with the scholar in India.
9. Amounts, if any, due to the scholar but not paid to him:	nil

Signature of returning Scholar	Signature of competent authority
P. Bhyravamurthy	VPShastry
	Assistant Accounts Officer.
Date 30th March, 1951.	Date 30th March, 1951.

122

123

Kakinada
2 - 5 - 1951

ASSISTANT SECRETARY
4 MAY 1951
16685
EDUCATION DEPARTMENT

The Education Secretary
Education Department
Government of Madras
Madras.

Sub. Arrival Report

Sir,

This is to inform you that I have arrived Bombay on ~~28th April~~,1951 forenoon. It is requested my posting orders may be conveyed to me to the address given below.

Yours faithfully
P. Bhyravamurthy.
P. Bhyravamurthy

My address

P.Bhyravamurthy
Pattabhi Street Corner
Gandhinagar
Kakinada

124

(83) 125

No. F.4-2/D-8/47-S.-I
Government of India,
Ministry of Education,
New Delhi 3, the 27/4 1949

ASSISTANT SECRETARY
28 APL 1951
15831
EDUCATION DEPARTMENT

From

Secretary to the Government of India

To

The Secretary to the Government of Madras
Department of Education
Madras

SUBJECT:- SCHOLARSHIPS FOR ADVANCED STUDIES OVERSEAS REPORTS IN RESPECT OF PROVINCIAL GOVERNMENTS ~~SPONSORED SCHOLARS~~/DEPUTATIONISTS IN ~~U.K.~~/ U.S.A./~~AUSTRALIA/NEW ZEALAND~~.

P.25 infra

Sir,

I am directed to forward herewith for the information of the Provincial Government, a copy of the progress report in respect of Mr. P. Bhyravamurthy a 1947-48 Government of Madras ~~sponsored scholar~~/deputationist.

~~The Provincial Government may kindly forward suggestions, if any, from the point of view of the employment of Mr. P. Bhyravamurthy is expected to take up on his return.~~

4/5

Endt. no. 15831 A-1 d/- 30/4/51 Edn. dept. (A)

Yours faithfully,
C. F. Lake
for Secretary.

~~Bakshi)29.10.49/500~~

Commd. to the D.P.I.

8/5

P.J.
8.5.
30/4/51

30/4/51

To the D.P.I. (with copy of letter above & copies of pp. 3-9 infra).

FORM 4

PROGRESS REPORT

NOTE TO STUDENTS

I. In every case, it is essential for you to state the degree, if any, for which you are studying. The likely date of taking the degree should in all cases be mentioned. If you are not studying for a degree, please mention the likely date when you hope to complete the course of study you are pursuing. When you have already taken a degree please give the date of taking it and state what you have been doing since taking the degree, and when you hope to complete this course, or training you are undergoing at present. Of the four copies that are being sent to you three are to be returned; one is for your record.

II. This report must be submitted through your Professor or Supervising authority in-charge. (See Page 2).

Name in Block Capitals ~~[illegible]~~ P. BHYRAVAMURTHY File No. 6667/47

Scholarship/Study Leave/Deputationist deputationist

SPONSORING AUTHORITY Government of Madras

1. Date of arrival in U.S.A. 9th September,1948

2. Subject for which selected Irrigation & Dam Design

"3. Course of study or training undertaken Irrigation & Dam Design

4. Degree sought/obtained Master of Civil Engineering (M.C.E.)

5. Approximate date of degree award 17th December,1949

6. Institution in which student is pursuing study/& training Extension Centre of the University of Colorado and U.S.Bureau of Reclamation, Denver, Colorado.

"7. Course of study or training attended during period under review

Enclosed a seperate sheet

"8. All Examinations (including subjects) taken, with dates and results. (In the final examinations the degree or diploma obtained should be stated, with subjects taken, and honours, if any.) The grades obtained in the final examination must be stated. Grades should be explained.

A= Superior, B= Good, C= Fair, D= Minimum passing, F= Fail

Examinations taken on 15th March,1951

9. Any prizes or other Distinctions

" If necessary use separate sheet.

10. FOR STUDENT TAKING PRACTICAL TRAINING:

Name of Concern:	Date of Joining:	Stay to last until:
Bureau of Reclamation	2nd March, 1950	20th March, 1951

Nature of Training: Laboratory Testing & Design of Dams.

11. This Report covers the period beginning from 2nd September, 1950 and lasting up to 20th March, 1951.

12. University of Institution Supervisor's Report on the work of the student during the period under review:

Mr. P. Bhyravamurthy has been an excellent student. His professional background is good, and he should prove a welcome addition to any staff.

Date March 21, 1951 Signature RMAncell R. M. Ancell, Acting Foreign Activities Coordinator

13. Observations of the Education Department, Embassy of India.

Progress satisfactory.

Date 4th April, 1951 Signature (R. K. Kapur)
for Education Secretary.

Signature of Student P. Bhyravamurthy
Place Denver , U.S.A.
Date 20th March, 1951

Courses taken at the Extension Centre of the University of ~~Louisville~~ Colorado, Denver.

Fall Quarter, 1950

No	Dept.	Name of Course	Credit Hrs.	Grade
231	CE	Adv. Hydraulics	3	C
239a	CE	Hydraulic Structures	3	B
L 10	Phys.	Advanced Photography	3	B

Winter Quarter, 1951

No	Dept.	Name of Course	Credit Hrs.	Grade
122	Geol.	Interpretation of Aerial Photography	3	I
119	Geolo.	Sedimentation .. .	3	D
232a	CE	Hydraulics of Open Channels	3	C

P. Bhargavamurthy.
Signature of the Student

Course of Training attended during the period under review

Bureau of Reclamation, Denver.

September, 1950

(1) Layout of the Ridge Canyon Dam
(2) Estimating quantities of Earthwork excavation, foundation rock excavation, concrete, drilling grout and drainage holes, pipe for drill holes, grouting foundation and ~~or~~ contraction joint quantities for Bridge Canyon Dam.
(3) Studying Treatise on Dams, Chapter 4, and Chapter 10.

October, 1950

(1) Completed checking of the estimates for the following quantities ~~of~~ for Bridge Canyon Dam: (a) Earthwork and Rock excavation for Penstock Foundation, foundation of Tailrace Tunnels, Diversion Tunnels and Spillway; (b) Rockfill in upstream coffer dam; (c) Concrete in Spillway Structure, in Inlet Structure for Diversion Tunnels, in Trashrack Structures, in Parapets and Curbs;(d) Reinforcement bars in Concrete; (e) Metal Work for rails, Trashrack & Stairways; and (f) Ellectrical Installations.
(2) Completed the Study of the Estimated Quantities for Canyon Ferry Dam.
(3) Completed the Study of the Detailed Designe of the following for the Canyon Ferry Dam: 1. Spillway Apron, 2. Monolith Blocks, 3. Radial Gate Pier, 4. River Outlet Conduits.
(4) Completed the Study of the Detailed Designs of the following for the Friant Dam: 1. Spillway Training Wall, 2. Drum Gate Crest, 3. Drum Gate Pier, and 4. Trashrack Structure.
(5) Studied the Bureau's unpublished Field Mannual for Foundation Grouting.

November, 1950

(1) Studied Gravity Method of Stress and Stability Analysis for Friant Dam.
(2) Studied Trial Load Method of Stress & Stability Analysis for Canyon Ferry Dam.

December, 1950

(1) Studied the detailed design of the Madera Trashrack of Friant Dam Project.
(2) Studied the detailed study of the Cooling of Concrete of the Hungry Horse Dam.

January, 1951

Studied:

(1) Earth Materials Investigation Mannual (2) Treatise on Dams, Chapter 8. (3) Field Mannual for Rolled Earth Dams (4) Swedish Slip-Circle & Construction Pore Pressures (5) Earth Materials Test Procedures Mannual (6) Spec.No.3084 for Cachuma Dam Project and (7) Construction Materials Report for Cachuma Dam

Earth Materials Laboratory:

(1) Studying and Observation of the performance of the tests.

February, 1951

(1) Studying the Zoning Report of the Cachuma Dam Project
(2) Plotting the Placement Moiture Control Curves for Samples 14M - X58 and 14M - X61 of Cachuma Dam Project.
(3) Stability Analysis of the Section - Construction Case - of the Cachuma Dam Project.
(4) One day visit to Rattle Snake Tunnel , Colorado Big Thompson Project.

March , 1951

(1) Stability Analysis -)peration & Drawdown cases - of Cachuma Dam Project.
(2) Study of Installations for Cachuma Dam Project.
(3) Reweing the Periodic Earthwork Progress Reports- Cedar Bluff Dam Project.

R. Bhyravamurthy
Signature of Trainee.

Signature of Supervisor
RMAncell

Edn. Dept. (A)

Very Urgent :

Memo. No. 16636 - A. 1 dt - 10.5.51.

Sri P. Bhyravamurthi, Offg. Instr. in Civil Engg. — Return to India after studies overseas.

Z.

Leaving the U.K. for India

C.F. 5. on "S.S. Chusan" on 14.4.51, Sri P. Bhyravamurthi arrived in Bombay on 28.4.51. The D.P.I. is requested

C.F. 7

to arrange for his posting very urgently. The officer's address is : Pattabhi St. Corner, Gandhinagar,

—do— Kakinada.

10/8/51

Dpd 10.5

To The D.P.I.

9.5.51

10/5/51

136

A 137 (89)

No. L.4-2/- 8/47-SI
Government of India.
Ministry of Education.
New Delhi, the 14/5 1951.

From

The Secretay to the Government of India.

ASSISTANT SECRETARY & EDUCATION DEPARTMENT
15 MAY 1951
18122

To

The Secretay to the Govt. of Madras
Department of Education,
Madras

SUBJECT:- SCHOLARSHIIS FOR ADVANCED STUDIES OVERSEAS - INDIVIDUAL FINANCIAL STATEMENT IN RESPECT OF PROVINCIAL GOVERNMENTS SPONSORED ~~SCHOLARS~~/ DEPUTATIONSTS IN ~~U.K.~~/U.S.A./~~AUSTRALIA/ NEW ZEALAND~~.

6/25/5

Sir,

I am direted to forward herewith for the information and necessaryaction, a copy of the Individual Financial Statement, in rspect of Mr. P. Bhyrava murthy a 1947-48 Governmat of Madras ~~sponsored~~ ~~scholar~~/deputationist.

Yours faithfully,
C. F.
for Secretary.
17/5/51.

PTO

Endt. no. 18122-A.1 d/- 24.5.51
Comms. ~~to the~~ D.P.I. /A.G.
Edn. dept. IA

P.G.
28.5.51
To the D.P.I./A.G.
30/5
24/5/51

To the D.P.I.
To the AG

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-2-

-: :-

Copy with a copy of the Individual Financial Statement forwarded to:-

(1) The Accountant Geeral, Central Revenues, New Delhi,

(2) Accountant Genera, ____________

By order,

for Secretary.

IK
22.9.49.

E.41

(90)

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OVERSEAS SCHOLARSHIP SCHEME

Individual Financial Statement.

1. Name of Scholar:	Bhyrayamurthy P.
2. Central Provincial (Please state here whether sponsored or deputationist) or state Scholar: if Provincial or State Scholar, the name of the Province or Indian State concerned.	Madras Govt. Deputationist in transit from U.S.A.
3. Year of Selection.	1947/48
4. Date of commencement of scholarship.	-
5. Date of embarkation after completion of studies abroad.	14th April,1951 by s.s."CHUSAN"
6. Date upto and including which stipend or leave salary has been paid and the rate of stipend or leave salary.	-
7. Daily allowance paid during the period of waiting for return transportation.	Maintenance Allowance @ 19/- per day for the period 10.4.51-13.4.51.
8. Amount, if any, paid as journey Allowance.	-
9. Amount, if any, paid towards railway journey in India:(In case on authority to the Travel Agents for providing a railway ticket for journey in India has been issued, it should be mentioned here).	Scholar given a letter of authority to the American Express Co.Inc. to pay him the cost of a Class 11. single ticket from Bombay to Kakinada
10. Any other allowances, advance payments, overpayments, or disputable payments, made to the scholar or outstanding against him, which require recovery or regularisation in India.	Nil.
11. Amounts, if any, due to the scholar but not paid to him.	Nil.

Signature of competent authority.

Date: 27-4-51

CR

A (a)

PROCEEDINGS OF THE DIRECTOR OF PUBLIC INSTRUCTION, MADRAS
Rc.No. 189.C.1-C.3/49 dated 19..5..1951

Sub: Madras - Educational Service - Sri P. Bhyravamurthi - Instructor in Engineering - To officiate as Instructor in Civil Engineering, College of Engineering, Guindy on return [illegible] study leave - Orders issued.

ASSISTANT SECRETARY
23 MAY 1951
1895
EDUCATION DEPARTMENT

Ref: Memo. No. 16636-A.1 Edn., dated 10..5..1951

NOTIFICATION
Posting

On return from study leave sanctioned in G.O. No. 2651 Edn., dated 25-10-1948 and G.O. Ms.No. 3915 Edn., dated 21st December 1949, Sri P. Bhyravamurthi, officiating Instructor in Surveying and Drawing in the Madras Educational Service is posted to officiate as Instructor in Civil Engineering, College of Engineering, Guindy. To join at once.

For Director of Public Instruction

To

The Principal, College of Engineering, Guindy
Sri P. Byravamurthi, Pattabhi Street corner, Gandhinagar, Kakinada
Copy to the Accountant-General, Madras
Copy to the Superintendent, Government Press, Madras for favour of publishing the notification in the Fort St. George Gazette.
Copy submitted to the Secretary to Government, Education Department, Madras
Copy to C.3 section

Edn. Dept. (A)

GRD. 21.5.

P.J.
20.5.51

May be lodged.
24/8/51

142

143

22018

No.F.4-2/D-8/47-S.I
Government of India
Ministry of Education

New Delhi 3, the 9/6 June, 1951.

11 JUN 1951
ASSISTANT SECRETARY
EDUCATION DEPARTMENT

From

The Secretary to the Government of India.

To

The Secretary to the Government of Madras,
Education Department, Madras.

SUBJECT:- ADVANCED STUDIES OVERSEAS IN RESPECT OF MR.P.BHYRAVAMURTHI A 1947-1948 MADRAS GOVERNMENT DEPUTATIONIST.

Sir,

p.119 ante

I am directed to refer to this Ministry letter of even number dated the 3rd May 1951 on the above subject and to request that the exact date of arrival in India and the employment position of Mr.P.Bhyravamurthy may kindly be communicated to this Ministry at an early date for completion of records here.

Yours faithfully,

G. F. Lakhani

(G.F.Lakhani)
for Secretary.

Taneja)8.6.51.

5
15/6.
16/6/51

Letter/Reg. No. 22018A. d/ 14/6/51. Edn. Dept. (A)

To The Secy. ~~to the~~ G. of I.,
Ministry of Edn; New Delhi.

Sri P. Bhyravamurthi, Madras Govt. Officer who underwent studies in U.S.A.

Above

Ref:- Your letter no. F 4-2/D-8/47-S.I, d/- 9-6-51.

p.123 ante

I am to state that Sri P. Bhyravamurthi arrived in India on 28.3.51 & that he has been posted as Instructor ~~I~~ in Civil Engg. in the College of Engg., Guindy.

p.141 ante

14/6/51

P.J. 13.6.51

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14.6.51