

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

Regd.

1916.

Enclosures

Spare copies

April 1916

Scholarship (State technical)

Submitting to the Government of India the name of Muliyl Karuven for the — to be awarded during the year 1916 for the study of higher electrical engineering.

Government of Madras.

EDUCATIONAL DEPARTMENT.

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G.O. 396, 8th April 1916

Scholarship (State technical)

Submitting to the Government of India the name of Muliyl Karuven for the — to be awarded during the year 1916 for the study of higher electrical engineering.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers:—

I

Letter—from the Hon'ble Mr. C. G. TODD HUNTER, I.C.S., Acting Secretary to Government, Educational Department.

To—	(1) Sir Frederick Nicholson.
	(2) Mr. T. Stanes.
	(3) Mr. G. A. Chambers.
	(4) Rao Bahadur P. Theyagaraya Chettiyar.
	(5) Mr. P. N. Muthuswami Nayudu.
	(6) Rao Sahib C. Ramanujam Chettiyar.
	(7) Rao Bahadur T. Namburumal Chettiyar.
	(8) The Hon'ble Mr. P. Somasundaram Chettiyar.
	(9) Mr. V. Ekambara Mudaliyar.
	(10) Mr. A. J. Leech (Taylor & Co.)
	(11) The Hon'ble Sir H. Fraser.
	(12) Mr. R. T. Menzies.
	(13) Mr. J. C. Armstrong.
	(14) Mr. C. B. Simpson.
	(15) Mr. G. Fraser.
	(16) The Hon'ble Khan Bahadur Hajeer Ismail Sait.
	(17) Muhammad Abdul Kuddus Badsha Sahib.
	(18) Mr. A. Chatterton, C.I.E.
	(19) „ P. E. L. Worke.
	(20) „ J. W. Madeley.
	(21) „ Beardsell.
	(22) „ F. G. Warbrook.
	(23) „ K. Gordon.
	(24) „ E. J. Hawkins.

Dated—Fort St. George, the 11th November 1915.
No.—3944-1.

I am directed to forward herewith a copy of G.O. 1163, Educational, dated 25th October 1915, ordering the publication of a notification inviting applications from qualified candidates for the State technical scholarship available for award in this Presidency in 1916 and to request that you will be good enough to favour Government with any recommendation which you may have to make on behalf of any young man of promise who has given proof of mechanical aptitude or an industrial turn of mind and who might profit by further training in Europe.

You will observe that Government do not propose on the present occasion to specify beforehand the particular industry in respect of which the scholarship will be given. They are anxious to ensure, so far as possible, that the State technical scholar shall pursue the industry on his return to India and for this reason will give preference to candidates already engaged in the industry of which they desire to improve their knowledge, and failing any such to those whose relations are engaged in such industries.

II

Letter—from K. T. B. TRESSLER, Esq., Director of Industries.

To—the Secretary to Government, Educational Department.

Dated—Madras, the 5th February 1916.

No.—B. 46.

With reference to G.O. 1163, dated 25th October 1915, regarding State technical scholarships to be awarded this year, I have the honour to submit with my remarks the following applications which I have received, viz:—

(1) Mr. W. H. Marshall.	(4) Mr. G. Verghese.
(2) „ P. S. Pillay.	(5) „ K. G. Menon.
(3) „ T. Sutton.	(6) „ J. Narayanamurti.

I have seen all the applicants in person. The last three are or have been working in this department.

2. Before discussing the applications in detail, I have to remark that the general wording of the scholarship notification gives the impression that the type of man preferred is a graduate and that the type of training contemplated is a regular technological course at some University or Technological School. It is true that there is no age limit attached to the scholarship, but, I think, it will be admitted that beyond a certain age the capacity for assimilating book-knowledge diminishes very sensibly and that a continued break in education similarly makes the subsequent acquisition of book-knowledge a matter of considerable difficulty.

3. A graduate who is proceeding home after, we will say, one year's practical work may benefit by a subsequent college course as the break in education will not have been excessive and his age at the time will probably not exceed 24 or 25 years. In the notification it is however stated that applications will be considered only from persons who have already interested themselves practically in some industry. If this interest is to be of more than a superficial character, it must be based a good deal more than on one year's experience, and if the graduate has obtained the necessary practical experience the break in his education will be sufficiently long to make the value of the subsequent technological training problematical; the more so since his age at the time will be nearer 30 than 20.

4. If the candidate is not a graduate, he may qualify at a younger age, but his lower educational attainments makes the value of a regular technological course equally problematic.

5. From another point of view it seems to me that a regular course of study is by no means always the best way of attaining the object that Government appear to have in view, namely, to improve the training of individuals who intend to take up an industrial career. What men in this country lack most are not facilities for learning the principles of an industry, but facilities for obtaining a working knowledge of practical details. Such a knowledge is only to be obtained in the workshop and, in my opinion, a proper course of study for a State scholar is not to go to a University or Technological school, but to find employment in workshops. This practical work I regard as the most essential feature of the training. The technical side should of course not be altogether neglected; but in my opinion the necessary technical knowledge can be obtained by attendance at night or extension classes. My idea, in fact, is to train students in the atmosphere of a factory and not of a college. In my opinion, it is along factory and not academic lines that the education of these students should be arranged.

6. Another point which I desire to draw attention to is the fact that technological education of an elementary character is now provided in India in a very large number of subjects and the teaching is certainly little inferior to the teaching in English schools of the same class. Hence there appears to be no real reason for sending men home to take technological courses unless they take up subjects which are not taught in India or unless they are of an advanced character.

7. Of the applications I have received one is for "Cotton Spinning", four for "Electrical Engineering", and one for "Agricultural Engineering". In every case I am of opinion that practical experience in these subjects would be of vastly more use to the candidates than theoretical training, but in the subject of Cotton Spinning I think a youth of medium education might profit by a technological course for the reason that he cannot take up such courses in India. In Electrical Engineering considerable facilities are provided in India. The teaching at the Indian Institute of Science, for instance, is quite up to the standard of any English college. I can see no point whatever in awarding a scholarship for the technological study in Electrical Engineering in England. In Agricultural Engineering there appear to be no regular courses in England either, and so, the scholar would, of necessity, have to follow a practical line. With the exception of the last candidate none of the others appear to have sufficient general education to profit by an advanced instruction in the subject selected. If therefore a regular course is insisted on it will have to be of a fairly elementary character such as (except in Cotton Spinning), any College of Engineering in India with an Electrical side could offer.

8. In the case of candidate (1) whilst considering that a practical course in a factory would be more beneficial to the scholar I would be prepared to recommend a regular technological course. In the case of Electrical Engineering candidates

(2-5) I recommend a practical course of study with extension lectures considering that a regular technological course would be of no value whatever to them. In the case of (6) I fail to see how a technological course could be arranged and the candidate's work will have to be of a practical character.

9. I have seen all the candidates and have formed a favourable opinion of their personal qualifications. Mr. Marshall (1) seems to me a young man with a good deal of push and determination and I think that he is likely to become a competent man if further facilities for training are afforded.

Mr. Pillay (2) is a man who has worked his way up and has secured increasingly good appointments on his own merits.

Mr. Sutton (3) is the son of a Police Inspector and comes from a respectable family. He has a good physique and appears to have a considerable amount of natural aptitude for mechanical work.

Mr. Verghese (4) worked under me for a few months after having held responsible positions in the electrical line elsewhere. The work he had to do for me was rather outside his own line but I formed a favourable opinion regarding his application and general mechanical ability.

Mr. K. G. Menon (5) is at present a supervisor in this department and has been with me for six years. He is intelligent and has a good mechanical instinct. What he lacks is a knowledge of modern methods and the way in which large concerns are to be run: and I consider that he would benefit greatly by a stay in England.

The last applicant Mr. J. Narayanamurti (6) is my personal assistant. He has been in the department from the beginning. As the subject in which he is applying for a scholarship is of special interest to the Agricultural department, he has forwarded his application through that department. But I may mention here that he is a man of considerable attainment with a good deal of commonsense and an aptitude for assimilating new ideas.

10. What I particularly observe about all the applications that have come to me this year as contrasted with those which I have had in previous years is that the applicants have not only done a certain amount of industrial work already, "but have also made good" in that work. They also appear to possess a sound sense of perspective which I regard as one of the most essential things for industrial success.

11. Mr. Marshall (1) has got recommendations from Mr. M. Lennon Carder, Carnatic Mills Company, and Mr. J. Hargreaves, Spinning Master, Carnatic Mill Company. Mr. Pillay (2) has recommendations from Mr. E. C. St. John, late Chief Engineer, Madras Electric Supply Corporation, Limited, and Mr. C. E. Reed of the Madras Electric Supply Corporation, Limited. Mr. Sutton has recommendations from Mr. Waterland (with Messrs. Dick Kerr & Co.), Mr. J. F. Jones of the Electric Supply Corporation, Limited, and Mr. F. Armitage, Commissioner of Police. The other three candidates have no formal letters of recommendation as they all work or have worked under me.

12. I understand that the bulk of the applications will be received from the Director of Public Instruction and that it is not necessary for me to make a selection from amongst my nominees. I consider that any one of them will be a suitable candidate; but if a choice is to be made the question of age and subject must be considered. An expert in the Agricultural Engineering will be useful for Government service, but will not be of much value elsewhere; the applicant for cotton spinning is practically certain of a job on his return; Electrical Engineering is a more speculative sort of attainment. I believe, however, that Mr. Pillay and Mr. Sutton are practically certain of being re-employed by their own firms on their return.

13. As regards the question of age, Messrs. Marshall & Sutton are both young men between 21 and 22 whereas the others are between 30 and 35. In general a young man has better chances of subsequent employment than an older one.

14. For the present it seems to me that these general observations are all that I need offer in regard to the applications. If a definite selection is required I should be glad if the other applications could also be sent to me for scrutiny so as to enable me to get an idea of the comparative merit of all the candidates.

III

Letter—from the Hon'ble Mr. J. H. STONE, M.A., F.R.H.S., C.I.E., Director of Public Instruction, Madras.

To—the Secretary to Government, Educational Department.

Dated—the 1st March 1916.

No.—Ref. on Cur. 8889 of 1915.

With reference to paragraph 3 of G.O. 1163, Educational, dated 25th October 1915, I have the honour to submit herewith the applications for the State technical scholarship, 23 in all, received in this office.

2. Twelve are ineligible, four being natives of Travancore, and the rest having no practical experience of the industry which they wish to study. The following eleven applicants are eligible for the scholarship under the rules in the notifications:—

- | | |
|---------------------------|-------------------------|
| (1) P. S. Pillay. | (7) K. V. Nair. |
| (2) V. Hanumanta Rao. | (8) C. R. C. Reddi. |
| (3) Indubhushan Mustaphi. | (9) A. S. Subba Ayyar. |
| (4) R. L. Lazarus. | (10) Muliyl Karuven. |
| (5) T. Tharyan. | (11) J. Narayana Murti. |
| (6) S. Natesan. | |

Of these, (9) (10) and (11) are graduates. I cannot recommend any of these eleven with much confidence as I do not think that any of them is of the kind contemplated in paragraph 3 of the Government notification in that they are not connected with industrial families or capitalists likely to start or develop industries, but are merely men of more or less good technical qualifications, who would on their return seek more remunerative employments than they now have; (10) and (11) however seem to be the most promising.

Muliyl Karuven is a graduate who is now a student in the Civil Engineering College. He is recommended by the Principal of the College and desires to study Electrical Engineering.

J. Narayana Murti is a graduate and a Bachelor of Civil Engineering. He is the Personal Assistant to the Director of Industries, Madras, and is recommended by the Director of Agriculture, who reports that his recommendations will be submitted shortly through the Board of Revenue (vide his letter with the application). The subjects which this candidate offers to study are Agricultural Engineering or paper making.

As neither of these subjects is mentioned in paragraph 2 of the notification, Muliyl Karuven may be preferred to this candidate.

3. On receipt of orders as regards the candidate selected, I shall arrange to have him examined by a Medical Board and submit the report of the Board in due course.

IV

Letter—from the Hon'ble Mr. J. H. STONE, M.A., F.R.H.S., C.I.E., Director of Public Instruction, Madras.

To—the Secretary to Government, Educational Department.

Dated—the 6th April 1916.

No.—Re. 8889 of 1915.

With reference to your telephonic message of date, I have the honour to submit herewith a recommendation roll on behalf of Mr. Muliyl Karuven and to state that a medical certificate on his behalf will be duly submitted as soon as it is received from the Surgeon-General.

Order—396, Educational, dated the 8th April 1916.

The name of Muliyl Karuven will be submitted to the Government of India for a State technical scholarship for the study of electrical engineering.

(True Extract.)

P. RAJAGOPALA ACHARIYAR,
Secretary to Government.

To the Director of Public Instruction.

Copy to the Director of Industries.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

397.

From

THE HON'BLE DIWAN BAHADUR

P. RAJAGOPALA ACHARIYAR AVARGAL, C.I.E.,

Secretary to the Government of Madras,

Educational Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

DEPARTMENT OF EDUCATION.

Dated Fort St. George, the 8th April 1916.

SIR,

In accordance with the instruction in your letter 1171, dated the 16th August 1911, I am directed to enclose a recommendation roll on behalf of Muliyl Karuven for the State technical scholarship to be awarded in the current year.

2. Arrangements have been made for the examination of the candidate by a Medical Board and a certificate of physical fitness will be forwarded to the Government of India soon.

I have the honour to be,

Sir,

Your most obedient servant,

P. RAJAGOPALA ACHARIYAR,
Secretary to Government.

ANNEXURE.

Recommendation roll for the award of State Technical Scholarship during 1916.

Name of candidate and place of origin	.. Muliyl Karuven, born at Cannanore, Malabar, British India.
Age and date of birth	.. Twenty-six (26) years of age. Born 30th March 1890.
Parentage—Father's name, occupation, etc.	.. Born of Thiyya parents. Father—Muliyl Karuven, landholder.
Academical and practical qualifications of candidate.	1. Graduate in Arts (Mathematics) of the University of Madras. 2. From (1912—16) four years' training in the College of Engineering, Madras. Of these two years (1914—16) specialisation in Mechanical and Electrical Engineering. 3. Special opportunity of learning the erecting and working of Electrical Machinery in connection with the erection of the College new Electrical Laboratory in 1914-15. 4. Visits under the College Authorities to the following places, where actual machinery is in operation:— (a) Sivasamudram Hydro Electric Works, (b) Kolar Gold Fields, (c) Bombay Tata Hydro Electric Works, (d) Perambore Railway Workshops.
Subject chosen for study	.. Higher Electrical Engineering.
Whether physically fit to undergo the training.	.. Medical certificate will follow.
Prospect of employment on return	.. After return from study, the candidate would like to be engaged in the profession of Electrical Engineering only and take up private service in Electrical Engineering, unless required by Government to accept service under them.
Remarks	.. Has the permission of parents to proceed to Europe.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O. 396-97, EDUCATIONAL, DATED
THE 8TH APRIL 1916

[SUBJECT.—*The State Technical Scholarship available for award in this Presidency for 1916.*]

Please see the notes and orders in G.O. 1163, Educational, dated the 26th October 1915, under which a notification was published inviting applications for the State Technical Scholarship tenable in England and available for award in this Presidency in 1916. It will be seen from the notification that the subject of study for which the scholar is to proceed to the United Kingdom has not yet been selected and that applications have been invited from those who have already interested themselves practically in some industry and who are desirous of improving their knowledge of that industry by further training in Europe. The qualifications required of the scholars are then primarily

- (a) a prior practical training in the industry and
- (b) sufficient general educational qualification to enable the scholar to benefit to the full extent by the technical instruction, preference being given to graduates if other qualifications are equal.

The Chamber of Commerce, Madras, the Madras Trades Association, the South Indian Chamber of Commerce and the Director of Industries, were also invited to recommend for the scholarship any young man of promise with mechanical aptitude or an industrial turn of mind. Several other gentlemen who are interested in industrial and technical matters were also requested to send in their nominations.

2. The letters in the current file are the communications received from the Director of Industries and the Director of Public Instruction and the above mentioned bodies and gentlemen. With the exception of four gentlemen all to whom references were issued have replied to them, but many of the gentlemen and the Madras Chamber of Commerce have no recommendations to make. The recommendations of the other gentlemen and commercial bodies and the names of the applicants reported by the Director of Public Instruction and the Director of Industries have been tabulated in a separate list for reference.

3. It will be seen from this list that, as pointed out by the Director of Public Instruction, there is not even one candidate who combines a higher educational qualification with practical industrial training or knowledge. J. Narayana Murti, B.A., B.C.E., who is the personal assistant to the Director of Industries is the only graduate who has any connection with industrial matters, but he proposes to take the subject of agricultural engineering or paper-making for special study. These are new subjects for the study of which we have not yet given any scholarship. From the terms of the

Paragraph 2 of the notification on page 2 of G.O. 1163, Educational, 25th October 1915. notification the scholarship is not intended for the study of agriculture, but from the communication of the Government of India recorded in G.O. 995, Educational, dated the 13th September 1915, it would appear that that Government might not object to the scholarship being awarded for the study of any industries connected with agriculture. The only advice given to us by that Government is that the Agricultural Adviser to that Government may be consulted as to the course of training which the selected student should undergo. As regards paper-making it is

submitted that it is one of the recognized subjects, although it is doubtful whether the Secretary of State can find an opening for a technical study of this subject in the present time of war. Mr. Tressler observes that Narayana Murti is a man of considerable attainments with a good deal of common sense and an aptitude for assimilating new ideas. Mr. Chadwick, the Director of Agriculture, is also inclined to recommend the nomination of Narayana Murti and says that he is submitting his recommendation through the Board of Revenue.

His disqualifications however are—

- (i) that he is aged, being now in his 34th year,
- (ii) that he has put in about $10\frac{1}{2}$ years' service under Government and that his absence during training should therefore be treated as leave on furlough,
- (iii) that he requires his period of training to be reduced to one year, and
- (iv) that he wishes to raise the amount of scholarship from £150 to £250 a year.

In these circumstances it is for consideration whether the choice may fall on Narayana Murti.

4. If, for any reasons, the nomination of Narayana Murti does not commend itself to Government, the next best choice that can be made is M. Karuven, a candidate recommended by the Director of Public Instruction. He is a graduate and a student in the local Civil Engineering College and his age is 26. He has no practical training on any technical branch of study but is recommended by the Principal of the Engineering College. The subject selected by him is electrical engineering.

5. One other name may also be brought to prominent notice, namely, that of A. S. Subba Ayyar. He is a graduate in Geology and holds the appointment of Museum Assistant in the Geological Survey department of the Government of India. His age is only 28 and his application has been recommended by the Director of Geological Survey. He wishes to study metallurgy and mining.

Orders are solicited.

V.S.—20-3-16.

I think that Narayana Murti would be most suitable and I do not think that his being 33 years old should stand in the way of his selection. On the other hand it is an advantage that the man sent is one of whom we have some previous knowledge and whose aptitude for assimilating new ideas is certified to by his departmental head. No age limit has been prescribed for these scholarships and in any case one already in the service deserves more consideration than outsiders. Should Narayana Murti be sent, I think that it should be for agricultural engineering, and the Agricultural Adviser to the Government of India should be consulted as to the course of training, etc. Mr. Chadwick may be asked to expedite his letter recommending Narayana Murti, through the Board of Revenue, if he has not already sent it.

P. RAJAGOPALA ACHARIYAR—21-3-16.

Mr. Chadwick says that he is sending up Narayana Murti's case independently after hearing from Mr. Chatterton and that it has no connection with the scholarship now in question. Mr. Chadwick therefore states that Narayana Murti's claim may be withdrawn. Narayana Murti has not however withdrawn his application. It is for orders whether in these circumstances Narayana Murti's application may be ignored and the scholarship awarded to Mr. Karuven or A. S. Subba Ayyar—paragraphs 4 and 5 of office-note above—or whether Mr. Chadwick's further communication through the Board of Revenue may be awaited. It may take some time for this communication to reach the Government. The recommendation of this Government in regard to the scholarship should reach the Government of India by the 15th April—vide paragraph 6 of Government of India's letter on page 3 of G.O. 103, Educational, dated the 10th February 1908.

V.S.—28-3-16.

I support Mr. Stone's recommendation of Mr. Karuven. Please see A on the previous page.

P. RAJAGOPALA ACHARIYAR—28-3-16.

P[ENTLAND]—29-3-16.

The following telephonic message to the Director of Public Instruction is submitted for approval :—

"Please forward at once the medical certificate and a recommendation roll in the form prescribed in G.O. 585, Educational, dated the 23rd August 1911, on behalf of Muliyl Karuven, the candidate recommended by you for the State technical scholarship—vide your letter R.O.C. 8889/15, dated the 1st March 1916."

E.A.V.—1-4-16.

V.S.—1-4-16.

P.R.—1-4-16.

Reply telephonic message from the Director of Public Instruction.

[Reference your telephonic message of the 1st April 1916 regarding medical certificate and a recommendation roll on behalf of Muliyl Karuven, candidate for the State technical scholarship.]

"The Surgeon-General has stated that he can arrange for the examination of the candidate by the Medical Board on Saturday, the 8th instant. The medical certificate and recommendation roll will be submitted as soon as the examination is over."

Please see the Director's telephonic message above. As the nomination for the scholarship has to reach the Government of India not later than the 15th instant, it is for orders whether the Director should be asked to submit the recommendation roll in advance of the medical certificate so as to admit of our nomination being well in time. The medical certificate may, as in previous years, be forwarded to India as soon as it is received from the Director of Public Instruction.

Subject to approval the following telephonic message to the Director of Public Instruction is submitted :—

"Reference your telephonic message of 4th instant. Please forward the recommendation roll on behalf of Muliyl Karuven immediately and in advance of the medical certificate."

E.A.V.—5-4-16.

C.R.—5-4-16.

P.R.—6-4-16.

*From the Director of Public Instruction, dated the 6th April 1916,
R.O. 8889/15.*

The recommendation roll has just been received.

2. A draft order and a draft letter to the Government of India are submitted for approval.

E.A.V.—7-4-16.

C.R.—7-4-16.

P.R.—7-4-16.

[G.O. 396-97, Educational, dated the 8th April 1916.]

ORDINARY.

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DEPARTMENT.

Current No., dated 191

G.O. No. 3968P, dated 8-4-1916

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[P.T.O.]

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SPECIAL INSTRUCTIONS.

Scholarship (State Technical)

Submitting to the Govt of India the name of Muliyl Karwen for the year 1916 for the award during the year 1916 for the study of higher electrical engineering.

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Government of Madras, Madras.

Sir,

I beg to acknowledge the receipt

of a copy of G.O.No.1163 Educational dated 25th October 1915 forwarded with

your letter No.3944--I dated 11th

November 1915. I will submit a reply

at an early date.

I beg to remain,

Sir,

Your most obedient servant.

For T.Namberumal Chetti.

BEST & CO., LD.

WHEN REPLYING PLEASE QUOTE
REFERENCE NO.

POST BOX No. 63.

17-11-15 Madras, C., 16th. November, 1915.



The Hon'ble Mr. C. G. Todhunter I.C.S.,

Acting Secretary to the Government of Madras,

Educational Department,

FORT ST. GEORGE.

S i r,

I have the honour to acknowledge receipt of your
letter No.3944-1 of the 11th instant enclosing copy of
G.O. No.1163, Educational dated 25th. October 1915.

In reply to your letter I much regret that I do
not know of any young man whom I can recommend for the
State Technical Scholarship referred to.

I have the honour to be,

S i r,

Your most obedient Servant,

P. S. S. S. S.

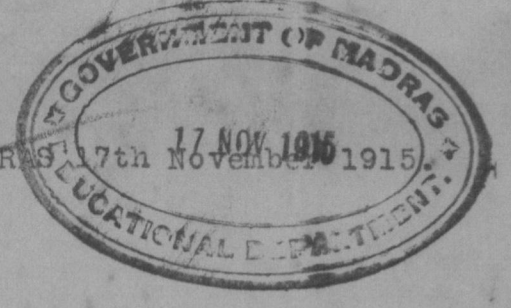
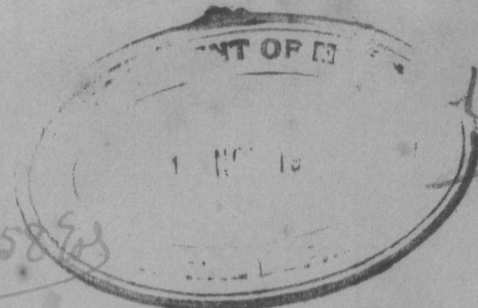


E.P.

BINNY & CO
MADRAS.

CN 405893

18/11/15



The Acting Secretary To Government,

Educational Department,

Fort St George,

MADRAS.

Sir,

b. Lante

I have the honor to acknowledge receipt
of your No. 3944 - 1 dated 11th November enclosing
copy of G.O. No. 1163 Educational of 25th October
1915.

I have pleasure in submitting herewith the
name, with a record of the work done, of a young man
well known to me desirous of proceeding to Europe.

ask what instruction he
wishes to study

17.11.15

I have the honor to be,

Sir,

Your most obedient servant,

[Signature]

Sal

T.B.

5 12
NAME - Willoughby Heywood Marshall.

RELIGION - Christian.

AGE - 21 years.

QUALIFICATIONS- Studied up to seventh standard at
Mr Stanes High School, Coimbatore.

Worked in the Mechanic Shop for 5 months

"	"	Carding Dept:	"	22	"
"	"	Spinning	"	18	"
"	"	Winding	"	4	"

-----oOo-----

MADRAS 17th November 1915.

T.B.

Edl. bept.

Lo. 4058 Edl.

Letter

Sir,

With reference to the
correspondence ending with
your letter of the 17th inst.
re: the State Technical
Scholarship to be awarded
in 1916, I am to enquire
what industry your nominee
wishes to study.

I have &c.

[Signature]
25.11.15

CR
25.11.15

[Signature] C. B. Simpson Esq.
Messrs Bunnings Co.
Malaya.

Note

The nominee's father
saw the Secretary about
this a few days ago.

CR

Cotton casting

[Signature]
25.11.15

ENV
you may perhaps
suff. enquiring
what subject
further particulars
about candidates.
10/10/11

NOTES.

Page 8

Edl: Dept:

Lo. 4080 Edl:

Letter No. 4080—1 Edl: 24.11.15

Sir,

With reference to the correspondence ending with

your letter of the 17th inst: re:

the State Technical Scholar

ship to be awarded in 1916,

I am, to enquire what industry you nominate

V. Mathuramachandran wish to

study and to ask for the other

particulars about the candidate

Specified in para. 3 of the notification issued under No. 1162 Ed 26.10.15

U

22.11.15

23.11.15

24.11.15

man on hand

24.11.15

To

E. J. Haffkins Esq.,

The Indian Aluminium Co., Ltd.,

32, Triplicane

High Road,

Madras.

Recd
24.11.15

9

Telegraphic Address: "SIEMENS, MADRAS"

TELEPHONE No. 463

CH 409688
20/11/15

SIEMENS BROTHERS DYNAMO WORKS LIMITED.

(INCORPORATED IN ENGLAND).

Head Office:
CAXTON HOUSE
WESTMINSTER, LONDON, S. W.
Works: STAFFORD, WOOLWICH
& DALSTON

Branch Office:

Mount Road,



Madras

18th November 1915

Ref. 29/3 3984

Subject. Mr. K. Gordon.



The Hon'ble Mr. C. G. Todhunter,

Ag. Secretary to the Govt. of Madras,

Educational Department, Madras.

Dear Sir,

With reference to your letter of the 13th instant addressed to Mr. Gordon, we would inform you that this gentleman left India in May ¹⁹¹⁴ and is not likely to return until the end of the War. His present address is K. Gordon, Sergeant, R.F.A., c/o P.M.G., G.P.O., London. Your letter with enclosure is herewith returned.

We are, Dear Sir,

Yours faithfully,

ONE LETTER

SIEMENS BROTHERS DYNAMO WORKS LTD.

J. S. Jackson
ENGINEER, MADRAS BRANCH.

E/-

ran

10
17
GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

No. 3944-1.

From

THE HON'BLE MR. C. G. TODHUNTER, I.C.S.,

Acting Secretary to the Government of Madras,

Educational Department,

To

K. Gordon Esquire,

Messrs Siemens Bros. Madras.

Dated Fort St. George, the 11th November 1915.

SIR,

I am directed to forward herewith a copy of G.O. No. 1163, Educational, dated 25th October 1915, ordering the publication of a notification inviting applications from qualified candidates for the State technical scholarship available for award in this Presidency in 1916 and to request that you will be good enough to favour Government with any recommendation which you may have to make on behalf of any young man of promise who has given proof of mechanical aptitude or an industrial turn of mind and who might profit by further training in Europe.

You will observe that Government do not propose on the present occasion to specify beforehand the particular industry in respect of which the scholarship will be given. They are anxious to ensure, so far as possible, that the State technical scholar shall pursue the industry on his return to India and for this reason will give preference to candidates already engaged in the industry of which they desire to improve their knowledge, and failing any such to those whose relations are engaged in such industries.

I have the honour to be,

Sir,

Your most obedient servant,

C. G. Todhunter
Acting Secretary to Government.

13.11.15

DEPARTMENT

CURRENT No.

From _____

Received _____ 191 Registered _____ 191

Subject.



Sir,

I have the honour to acknowledge receipt of your letter No. 3944-1 of 11th instant enclosing a copy of G.O. No. 1163 Educational, dated 25th Oct: 1915, and whilst thanking you for the same to state that I have no student at my -- disposal to recommend to the purpose.

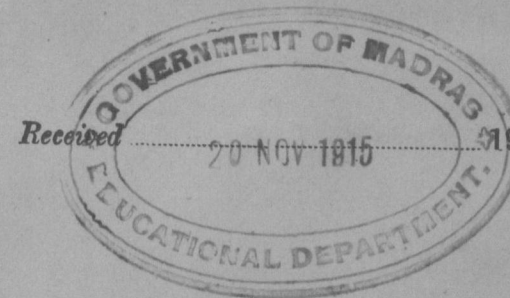
I have the honour to be,

Sir,

Your most obedient servant.

C. P. Ramani

The Hon'ble Mr. C. Tothunter, I. C. S.,
Acting Secretary to the Government of Madras.

12 / C No 4112 Ed
DEPARTMENT.

Registered 20/11 1915.

Subject.

ENCLOSURES.

No.

Spare copies

Dis No. 552.

Station M a d r a s, Dated the 19th November 1915.

From (Name) Sir E. A. Nicholson, K. C. I. E.,

(Designation) Honorary Director of Fisheries.

To The Secretary to the Government of Madras,
EDUCATIONAL Department.

Sir,

b-1 auto

In reply to Government Circular letter No. 3944-1 Educational dated the 11th instant, I regret that I am unable to make any recommendation.

I have the honour to be,

Sir,

Your most Obedient Servant,

E. A. Nicholson.

Honorary Director,

Madras Fisheries.

Ed

13

13

T. A. TAYLOR & CO

Telegraphic Address.

TAYLORS, MADRAS.



CN^o 4190 202
26 11. 15

10/11, American Street, 30

Madras.

24th November, 1915.

Post Box No 51.



The Hon'ble Mr. C. G. Todhunter, I.C.S.,

Acting Secretary to the Government of Madras,

Educational Department,

MADRAS.

Sir,

We have the honour to acknowledge receipt of your favour of 11th November, inviting us to recommend any young man of promise in industrial or mechanical directions for further training in Europe. Our line of business does not, however, bring us into touch with young men of this kind, and we regret therefore that we are unable to help Government in the matter.

We have the honour to be,

Sir,

Your most obedient servants,

T. A. Taylor

c.

Ear

BINNY & CO
MADRAS.



The ACTING SECRETARY TO GOVERNMENT,

Educational Department,

MADRAS.

Sir,

I have the honor to acknowledge receipt of your
No. 4058-1 Edl dated 26th November and regret I omitted
to mention that Mr. Marshall desires to study Cotton
spinning and weaving in England. Perhaps I should also
mention that he is the son of the Georgetown Magistrate.

I know another young man, by name Sutton son of a
City Divisional Inspector of Police, who is very anxious
to get to England to study Electricity. Mr. Armitage
and I have tried to get him into one or two works in
England but have found it impossible owing to the War.
If there is any chance of his application being consider-
ed I will submit it to you.

I have the honor to be

Sir,

T.B.

Your obedient servant.

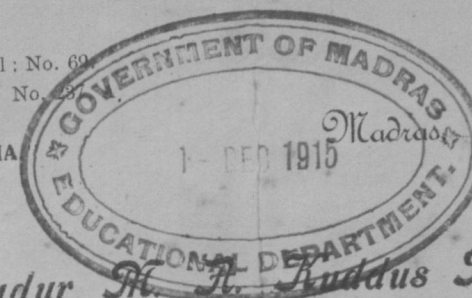
[Handwritten signature]

*A scholar ship had
been awarded
for the study of
electrical engineering
in 1912.*

201

OFFICE:—"Badsha Buildings," Tel: No. 69.
RESIDENCE:—"Khas Mahal," Tel: No. 27.

Telegraphic Address: "BADSHA"



POST BOX No. 97.

30th NOVEMBER, 1915.

From

*Khan Bahadur M. A. Khaddus Badsha Sahib,
Madras.*

To

The Hon'ble Mr. C.G. TODHUNTER, I.C.S.,

Acting Secretary to the Government of Madras,
FORT SAINT GEORGE.

Sir,

I have the honor to acknowledge with thanks the receipt of your circular printed letter No. 3944-1 of 11th instant enclosing a copy of G.O No. 1163 Educational d/25th Ultimo ordering the publication of a Notification inviting applications from qualified candidates for the State Technical Scholarship available for award in this Presidency in 1916.

You request that I may favor Government with any recommendation which I may have to make on behalf of any young man of promise who has given proof of ~~the~~ mechanical aptitude or an industrial turn of mind, who might profit by further training in Europe.

I have considered the matter carefully and had in my mind's view several Muhammadan young men whom I know but regret to say I cannot recommend any one as none have given proof of mechanical aptitude or industrial turn of mind as required by Government. Moreover it is observed that Government do not propose to specify before hand the particular industry in respect of which the scholarship will be given for the reasons assigned therein. I would how-

ever

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(2)

CGT.

however beg to recommend, an Eurasian young man who has certainly given proof of having a mechanical, and industrial turn of mind.

Mr. J.D. Fonceca is a steady man, very persevering, and bears a good character, and known to me personally for a long time. He is being employed at the Madras Glass Factory, under Mr. T.K. Tressler.

I herewith furnish particulars as per the 5 items as required in the G.O.

- (1) Age. 25 years.
- (2) Industry. Glass, Match, Paper, Pencils.
- (3) Experience. Glass making & working.
- (4) Practical experience. 3½ years in the Glass Works.
- (5) Proof. At present employed in the Glass Works. Copies of Certificates can be furnished.

I recommend Mr. Fonceca very strongly.

I have the honor to be,

Sir,

Your most obedient servant,

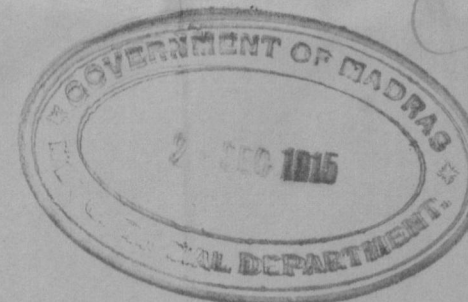
M. K. Krishna



17

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C No 4268 Eol

17 2/12/15

"Egmore House",

Madras, 1st December 1915.

C. G. Todhunter, Esq., I.C.S.,
Acting Secretary
to the Government of Madras,
Educational Department.

Sir,

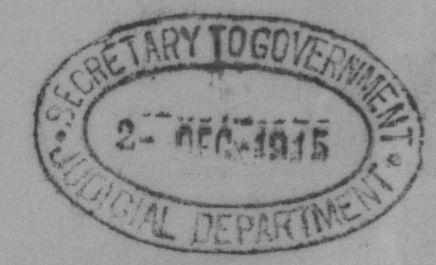
With reference to your letter of 11th Ultimo enclosing
copy of G.O.No.1163 Educational dated 25th October 1915 I have the
honour to report that I am not able to recommend any suitable young
man for the available State technical Scholarships.

I have the honour to be,

Sir,

Your most obedient servant,

[Handwritten signature]



Eol

18 25 16

72.

18 CM 4322 Es
Madras. 8/12/15 4th Dec. 1915.

WALKER & CO.

POST BOX NO. 70,
MADRAS.

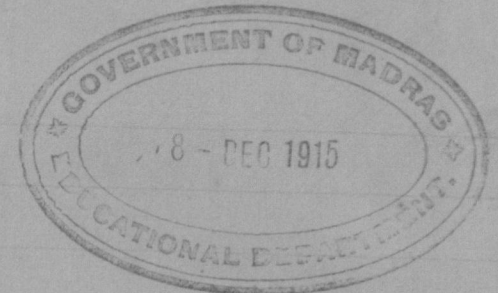
London House:

WALKER, MUNSIE & Co.
1 & 2 Great Winchester Street, E. C.

Telegraphic Address:

"WOODSLEE," MADRAS.

BENTLEY'S & LIEBER'S CODES.
A B C CODE, 5TH EDITION.



From

F.E.L. Worke Esq.,

Messrs. Walker & Co.,

MADRAS.

To

The Acting Secretary to the Government of Madras,

Secretariat,

Fort St. George.

Sir,

p. 1 ante

I have the honour to acknowledge receipt of your letter No. 3944-1 of 11th ulto. I have seen all my tanners but regret to say that owing to the War none of them are willing to allow their sons to apply for the State technical scholarship to be awarded in 1916. Had it not been for the War, the eldest son of one of my tanners, Mr. L. Apparasundara Mudaly, would have been willing to offer himself for the Scholarship. He has been thoroughly trained by his father, who is admitted to be about the best tanner here, and in addition to a sound knowledge of bark tanning, he is also conversant with the chrome process.

If at the end of the War, the Madras Government care

19

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No. 2

19

to consider an application from this man, he will, I know, be
glad to submit one.

I have the honour to be,

Sir,

Your most obedient servant,

J. S. I. Worke

20 27
CN 435089
10/12/15
The Indian Aluminium Co., Ltd.

Telegraphic Address: "ALUMINIUM."
TELEPHONE NO. 270.

32, Triplicane High Road,
MADRAS, S.E.,

25th November 1915.

The Acting Secretary to
the Government of Madras,
Educational Department,
Fort St. George, MADRAS.

Sir,

I am in receipt of your letter No. 4080/1 of the 24th instant.
Mr. V. Muthu Krishnan has been obliged to withdraw his application.
With reference to Mr. V. Rama Rao, para 3 of the notification.

1. Age 26. Received High School education, trained for mechanical engineering.
2. Electrical engineering.
- 3 & 4. Worked 4 years in a Factory using electricity as a motor power.
5. Apprentice in Perambur Workshops for 3 years.

Worked at the South India Industrials Cement Works and Reliance Foundry
for 2 years.

With Messrs. Massey & Co. Engineers for about a year, and for The
Indian Aluminium Co., for 4 years.

I am, Sir,

Yours faithfully,

R. J. Hanks
General Manager.

I must apologize for not despatching this letter before, but I have only
just returned this morning from Delhi.

9/12/15

21 28
21

THE CHROME LEATHER CO.
TANNERS & LEATHER GOODS MANUFACTURERS.

TELEGRAPH "HIDES" POSTAL ADDRESS:
PHONE NO. 8. BOX 100.

TANNERY: PALLAVARAM, S. I. R.
FACTORY, OFFICE AND SHOW ROOM:
LECOT'S BUILDINGS, ARMENIAN STREET, MADRAS.

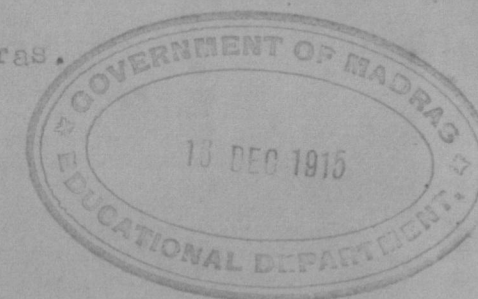
REF. NO.

16-12-15
MADRAS, 14th Decr 1915

The Acting Secretary to the Government of Madras.

Educational Department.

Fort St. George - Madras.



Dear Sir.

I duly received your Circular Letter of the 11th ultimo No. 3944-1 and in response thereto I now have the honour to forward herewith the applications of two of my employees both of whom appear to be suitable applicants for the State Technical Scholarship. I shall be glad to furnish you with further particulars if so desired.

Yours faithfully.

fa Chambers

Encl.

Encl.

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30th November. 1915.

Madras.

From,

Eliot. W. Polst.

C/o. The Chrome Leather Co.

P.O. Box. 100. Madras.

To,

The Director of Public Instruction.

Government of Madras.

Sir,

Learning that a State Technical Scholarship will be awarded to this Presidency during the year 1916, I beg to submit my application, as a candidate for the Study of "Leather manufacturing Industry."

My experience in this connection has been a five years term with Messrs Cooper Allen & Co., Army Boot & Equipment Factory - Cawnpore from the year 1906 to 1910, both inclusive.

At present I hold an engagement with The Chrome Leather Co. of Madras, who favour me with recommendation.

I am prepared to abide by the terms laid down

23 30 28
23
in the Govt. of Madras Order No: 1163. Educational
dated 15th October 1915.

I have been born & bred in India; of parents
who were born, bred & have died in India.

I am 29 years of age and in sound health.
I have passed my Middle School Examination
Copies of credentials enclosed herewith for
favourable consideration as under:-

(1) Birth. (2) School Character. (3) Education
(4) Testimonial from Cooper Allen & Co.

In anticipation of further favourable
information,

I have the honour to be,
Sir,

Yrs. obediently,

W. W. Dolst.

Extract from the Parish Registers of the Old Church
(or Mission) Calcutta, within the Archdeaconry &
Diocese of Calcutta.

Baptism solemnized at the Old (or Mission)
Church.

When Baptised - Aug: 29th 1886.

Said to be born - July 18th 1886

Child's Christian Name - Eliot William.

Sex - Boy.

Parents ~~name~~ name - { John & Catherine
Henrietta Bolst.

Abode - Calcutta

Quality Trade or } - Clerk.
Profession }

By whom Ceremony was } - A. Clifford.
performed. } Offg Minister.

I Thomas Leu man of the Old (or Mission)
Church, do certify the foregoing to be a true
copy of an Entry in the Register of Baptisms
kept at the aforesaid Church.

As witness my hand this 3rd day of February in
the year of our Lord, one Thousand nine
hundred nine.

(Signed) T. Leu man.
Offg Incumbent,
of the Old (or Mission) Church
Calcutta.

True Copy of School certificate.

I have much pleasure in testifying to the Character & abilities of ~~Stot~~ ~~Bobst~~, who was a pupil of Victoria School from 1896 to 1901.

His behaviour throughout was excellent, his work good & his demeanour gentlemanly. I wish him every success.

(Signed.) A. Barnes. M.A.
(Trinity College. Dublin)
Head Master.
Victoria School.

IInd issue, dated 21st Feb: 1912. — Nurseoug.

26

True Copy. of Education.

I hereby certify that at the Middle School
Examinations held in November 1901
under the Code of Regulations for European
Schools in Bengal, Eliot Bolst
passed in the IIIrd Class.

Optional subjects in which candidate passed;
Geography, Algebra, Physics

Calcutta.

1st Feb. 1902.

(Signed) H. A. Bamford.

Inspri. of European Schools,
Bengal.

True Copy.

To whom it may Concern,

This is to certify that M^r E. W. Bolst. has served
us as an Assistant in our Tanneries for a period
of nearly five years during which time he has
been regular in his attendance & attentive to the
duties entrusted to him, & has carried out his
work to our satisfaction. He is leaving us of his
own accord with the object of bettering his position,
& we wish him every success in life.

(Signed) Cooper Allen & Coy.

30th Nov. 1910
Cawnpore.

Cawnpore.

To

The Director of Public Instruction
Madras.

Sir,

Having understood that a state
Technical Scholarship will be awarded to this
presidency for the year 1916. I am herewith
forwarding my application as a candidate
for the study of Leather manufacturing
Industry.

I am 35 years of age & have
passed the Lower Secondary Examination & have
pursued my studies up to the Matriculation
Class. My parents were born & bred in
India & my father died in India. I have
been born & bred in India & am in sound
health. I herewith enclose copies of certificates
with reference to, 1. School, 2. Technical
education 3. Testimonials from C.L. & Co. Madras.
Regarding my birth certificate. I have
applied to the Registrar of Births & Deaths
Pondicherry, & will forward the same on
its receipt.

I am prepared to abide by the
terms as laid in the Fort St. George Gazette
Madras, order No. 1163 of Educational
of 25-10-15.

I am at present employed
as an Asst. Manager in the Madras
Chrome Leather Co., Tanjore Dept. Pallavaram.
Since the year 1906., who will favor
me with recommendations.

Anticipating a favourable
reply.

I beg to remain

Sir,

Yours most respectfully
P.C. Venkatasubramanian

I General No. 10879

Government Examinations
Madras.

Lower Secondary Examination

This is to certify that Pondicherry S. Venkatasulu haideu appeared at the Lower Secondary Examination held at Madras in December 1898, and completed his Success, having on the whole passed in the following subjects:-

- | | |
|------------------------------|--------------------------|
| (1) First language (English) | (5) Tamil |
| (2) Arithmetic | (6) Geometry and Algebra |
| (3) Geography | |
| (4) History of India | |

Madras.
29 March 1899.

(By order)
(Sgd) C. W. Elliot
Secretary to the Commissioner
for Government Examinations

II Register No. 1431

The Government of Madras
Technical Examinations
Elementary Grade.

This is to certify that Pondicherry S. Venkatasulu haideu passed the Elementary Examination in letter-press printing, proof-Readers work at the Government Technical Examinations held at Madras in the month of November 1906, and was placed in the Second class.

Madras }
16 March 1907

(By order)
(Sgd) J. R. Scott
Secretary to the Commissioner
for Government Examinations

P. G. Venkatasalu was a pupil in the School Department of this Institution from January 1901 to May 1904. Owing to family reasons he then left the school from the Sixth Form. He was desirous to obtain employment. From my knowledge of him I have pleasure in testifying to his industry and regularity. His conduct and character were always satisfactory.

(Sgd) W. Weston
 Ag. Superintendent
 School Department

Madras, Feb. 16 1912.
 Jannery, Pondianpet
 Madras.

To all whom it may concern. The bearer P. G. Venkatasalu haidu for a period of seven months, during which time I managed the Jannery Pondianpet was my leading assistant in the production of all kinds of Fancy and Boot. leathers, both vegetable and chrome tanned he is strictly honest, obedient, and a willing worker.

For. Chambers & Co
 (Sgd) John Gill.

Chambers & Co
 Madras 6. 10. 1910

To certify
 That P. G. Venkatasalu haidu assisted me at the Jannery of above firm in the production of Boot & Fancy leathers for a period of 13 months during which time I found him strictly honest and willing.

(Sgd) W. J. Mason
 Manager.

Handwritten text in Tamil script, likely a collection of testimonials or official records. The text is dense and covers most of the left page.

Telegraphic Address :

"Special, Madras."

TELEPHONE No. 93.

S. E. No. 307/15

A. B. C. CODE,

5TH EDITION, 1901.

CORPORATION OF MADRAS,

Special Works Department,

Madras, 18th December 1915.

FROM

J. W. MADELEY, Esq., M.A., M. INST. C.E., M. AM. Soc. C.E., Etc.,

Special Engineer, Corporation of Madras.

The Hon'ble Mr. C. G. Todhunter, I.C.S.,

Secretary to the Government of Madras,

Educational Department.

SIR,

Enclosure

State Technical Scholarship

I am in receipt of your circular letter dated the 11th

Ultimo enclosing a copy of G.O. No. 1163, dated 25th October 1915, dealing with State technical scholarship.

2. With reference to your request to let you have any recommendation that I may have to make on behalf of any young man of promise who has given proof of mechanical aptitude and who might profit by further training in Europe, I have the honor to recommend Mr. P. I. Mathai.

3. Dealing with the qualifications mentioned in the G.O.:-

Indian Christian

(1) Age - 32.

humanized

(2) Educational qualifications:-

Subject of the Insurance State.

Passed Matriculation of Madras University.

Willing to join any technical school

Licentiate in Mechanical Engineering of Bombay Technical Institute - 1st class.

advised to study bookkeeping

Passed Bombay Boiler Act - 2nd class.

at D. 9. 6 office and

Holds City and Guilds (London) Certificate in Mechanical Engineering - 2nd class.

and he can have entrance

(2) Industry proposed to be studied - Plumbing

(3) Connection with industry - 1 year apprenticeship in Bombay Port Trust on Engines, Boiler and Hydraulic machinery. 3 years later Works Foreman in Madras Corporation.

(4) Extent of practical experience. Has had to deal with water services for 3 years.

(5) Mechanical aptitude has been shown in Madras work

Eav

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3. I can certify that Mathai is of good character and hardworking.

4. To save time, I am asking Mathai to present this letter to you ^{in person} so that you may see him for yourself.

I have the honor to be,

Sir,

Your most obedient servant,

Whadley.

British Consulate

Admiralty

Admiralty

Admiralty

Admiralty

Admiralty

Admiralty

Admiralty

Admiralty

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39

Special Engineer's Office,
Napier Park,

C.E.,
 E.,
 NEER.
 23 DEC 1915
 GOVERNMENT OF MADRAS
 EDUCATIONAL DEPARTMENT.

P. L. Meithai

4. If there is time, and if the scheme is not yet cut-and-dry,

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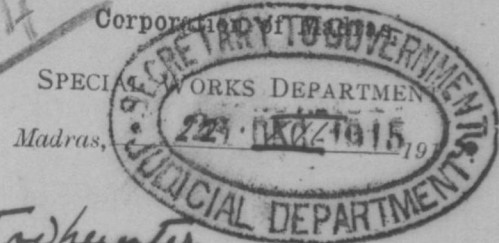
33

I would suggest that the City and Guilds of London Institute, the Municipal School of Technology at Manchester, and the Royal Technical College at Glasgow, be written to, and inform^{ed} exactly what it is desired that Mathai should be given an opportunity to study, with a view to making himself competent to supervise house water and drainage work, and also to qualify himself for the position of Workship and Factory Inspector. With reference to the latter post, possibly you could give him some advice as to the subjects to be studied, and also the likelihood of his being able to obtain an appointment in India on his return.

Yours sincerely,

W. Madley

The Hon'ble Mr. S. G. Tothunter, I.C.S.,
Secretary to Government,
Educational Department.



Dear Tothunter,

After his return from
seeing you, I sent Mathai
to Tressler.

I enclose Tressler's reply
which is not particularly
instructive.

When I was in England
in 1913, I visited a number
of Technical Schools, and
was very favourably impressed

with those at Manchester and
Glasgow.

I would recommend that
Mather go to Manchester, and
take courses in Sanitary Engineering
and plumbing, and that every
effort be made to get him
practical work by working with
a plumber.

I am sending a syllabus
of the Manchester Technical
School, which for you to see.
Please let me have it back.

Yours sincerely,

W. H. Wadley

D.O.

MADRAS,

43

TELEGRAPHIC ADDRESS:
"CHROMIUM," MADRAS.
POST BOX No. 454.

21. 11 1911.

Dear Madam.

I have looked up some books as
I have, but cannot find planting
as a separate course. I know it's
taught at Manchester & I should think
the Reports' Short Polytechnic lists
it also.

I must say it seems to me quite
unnatural what school is selected -
I regard anything beyond education
class as a new working time. What

I should do some better by the
candidates appear later and by a
practical man to get them some ex-
perience.

Grossing
Edwards

45

Edl. 24.12.15

Lo. 4506 Edl.

D.O. No. 4506-18 Edl. 24.12.15

to be placed

Spence

32-34
ante

My dear Madley,
I have duly received
your letters of the 22nd & 23rd
instant regarding Mr. Mathai.
I have ascertained the
latter's wishes in the matter
(the necessary)
I have had extracts taken
from the Calendar which
you kindly sent through
him. The calendar have
been returned through Mr
Mathai. His nomination
will be only placed for
consideration.

Yours sincerely

24.12.15

To

J. W. Madley Esq., M. A.,
M. inst. C. E., M. A. M. Soc.
C. E., etc.
Spl. Engineer,
Corpⁿ of Madras.

23.12.15

24/12/15

24/12/15

46

Sd/-: Sept.

Letter No. 3944-2/15

Sir,

8.1.16

I am directed to invite your kind attention to my letter No: 3944-1 Sd/- of the 11th Nov: 1915 regarding the State Technical Scholarship available for award in this Presidency in 1916 and to enquire when a reply thereto may be expected.

I have to.

6.1.16

6.1.16

6.1.16

To

T. Stanes Esq.

M.R. Rao Bahadur. Theagaraj Chellia

P. N. Muthuswami Nayudu.

The Hon: Mr. P. S. Sivasubramanian.

M.R. & V. Skambaram Med.

The Hon: Sir H. J. J. J.

R. T. M. M. Esq.

G. C. A. A. Esq.

The Hon: Mr. P. S. Sivasubramanian.

A. Chatterjee Esq. C. P. S.

J. G. Warburton Esq.

(To be kept: to the 11th Nov: 1915 and p. 8 of the notes)

Enter here

6.1.16

47

Edl: Sept:

Letter: 3944-3

Sir, 8-1-16

With reference to
the correspondence relating
with your letter of the
16th Nov: 1915 regarding
the State Technical Scholar-
ship to be awarded in 1916, I
am to enquire when your
reply may be expected.

I have &c.

6-1-16

6/1/16

7-1

To
Mr. Rao Bahadur T. Namburumal
Chettiyar Asst:

8/1/16

8-1-16

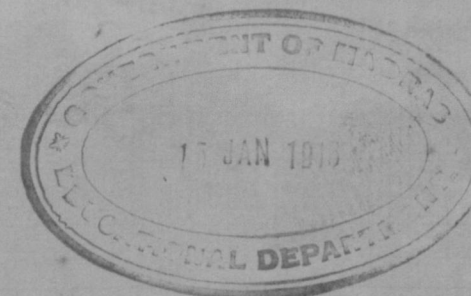
DEPARTMENT.

CURRENT No.

From _____

Received _____ 191 Registered _____ 191

Subject.



C No 15050

15-1-16

"Pagadala Bagh",

Saieapet, 10th. January '16.

13.1.16.

From M.R.Ry.

P.N. Muthuswami Naidu Garu, B.A.,

"Pagadala Bagh",

SAIDAPET.

To

The Hon'ble Mr. C.G. Tedhunter, I.C.S.,

Ag. Secretary to the Government of Madras,

MADRAS.

Sir,

I have the honour to acknowledge your letter No. 3944-1

f-37 ante Edl. D/11th. November 1915 and your letter No. 3944-2 Edl. D/8th.

January 1916 and regret very much that, though I thought I might be able to recommend a scholar, my efforts so far have proved unsuccessful and I have therefore no names of suitable candidates to recommend.

I have the honour to be,

Sir,

Your most obedient servant,

P. N. Muthuswami Naidu

Handwritten signature/initials

Gal



CNo 154 Edl
15-1-16

Calcutta, January 12th 1916.

From

The Hon'ble Hajee Ismail Sait Sahib,
Khen Bahadur.

To

The Secretary to Government of Madras,
Educational Department,
Madras.

Sir,

I have the honour to acknowledge the receipt of Copy
of Government Order No. 1163 Educational, dated 25th October 1915, enclosed with your letter - Educational No. 394-1, dated 13th November last, inviting my attention to nominate a Candidate for State Technical Scholarship for the year 1916, and to state that I have not been able to find one to recommend to Government suitable for the receipt of the Scholarship of the kind.

2. I regret the delay in answering your reference was due to my trying to know a qualified man.

I have the honour to be

Sir,

Your most obedient servant,

Haji Ismail Sait

Edl

42

DEPARTMENT.

CURRENT No.

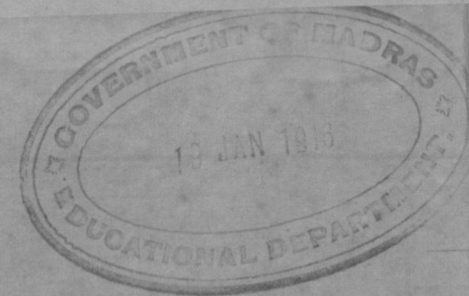
51

From _____

Received _____ 191 . Registered _____ 191 .

Subject.

TELEGRAPHIC ADDRESS "STANES"
A.B.C. CODE 5TH EDITION
T. STANES & CO LTD
COIMBATORE, CALICUT & COONOR.



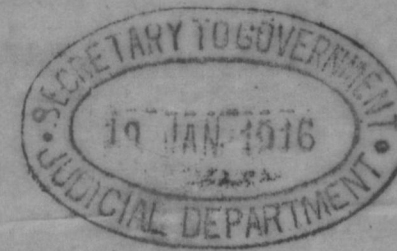
CN 19688
19.1.16
Coimbatore.

17th January 1916

The Honourable Mr. C. G. Todhunter I.C.S.,
Acting Secretary to the Government of Madras,
Educational Department, Madras.

Sir,

With reference to your letter No. 3944-2 Ed1 of the
8th inst. we have to inform you that we have nothing to say in the
matter as we have no one to put forward for a scholarship.



We have the honour to be,

Sir,

Your obedient servants,

T. STANES & CO LIMITED
[Signature]

San

DEPARTMENT.

CURRENT No.

From

Received

191

Registered

191

Subject.

No. 6

Directors,

A. W. ROSLING,
W. G. GIBSON,
F. C. WARBRICK, A.M.I.E.
F. S. HARRIS, Secretary.



MASSEY & CO LIMITED.
ENGINEERS & FOUNDERS,

Madras. 18th January '16 191

Our Ref. No.

Your Ref. No.

The Acting Secretary to the Government of Madras,

Madras.

20 JAN 1916

Sir,

In reply to your letter No. 3944-2 of the 8th instant and with reference to your letter No. 3944-1 dated Novr 11th, I have gone carefully into this matter, and submit the following remarks.

The manufacture of buttons and combs from horn, hoofs, and bone is an industry that exists in a very small way in Madras. The quality of the buttons turned out is bad, and from experiments I have made ~~from~~ ^{for} my firm, the quality is capable of vast improvement, and with suitable machinery the buttons could be made locally, of a quality equal in all respects to imported buttons, and can be made at a lower cost than the imported articles. The raw material is here, and is in part exported to foreign countries to be made up into buttons, and returned to India for sale in that form.

One of the button makers in this city is Messrs Bose & Sons of Tirumittore High Road, Madras, and Mr Indubhushan Mustaphi, the son in law of the proprietor, takes an active

part in improving the exceedingly crude methods at present in use. He is an intelligent youth, and in view of the fact that he has had no mechanical training, the efforts he has made are very creditable, and are of the class I should expect from a B.E. of this country.

Mr. Indubhushan Mustaphi would appreciate English training in this branch of mechanical engineering, and I have asked him to forward his application to you, and no doubt he will do so in due course.

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

J. G. Parbrook

THE HON'BLE RAO BAHADUR P. SOMASUNDRAM CHETTY,
 AGENT,
 The Malabar Spg. & Wvg. Co., Ltd., Kallai (Malabar)
 AND
 The Kaleeswarar Mills, Ltd., Coimbatore.

CN. 23124



No. 680.

The Hon'ble Mr. J. C. G.
 Acting Secretary to the Govt of Madras,
 Educational Department,
 Fort St. George, Madras.

Sir,

With reference to your letter no.
 3944-1 dated 11th Nov^r 15 and 3944-2 dated
 8th Inst. I have the honour to forward
 herewith an application from Robert
 Kurjan with copy of testimonials
 regarding his educational and technical
 qualifications and I recommend him
 for the State technical scholarship
 available in this Presidency for the year 1916.

I have the honour to be

Sir,

Your most obedient servant.

P. Somasundaram

SAV

46 Calicut, 18th January 1916

From

Robert Kuryan,

Son of J. Kuryan Esq., B. A.,

Head Master, Basel Mission College,

CALICUT

To

The Secretary to the Government of Madras,
Educational Department,

Through

The Honourable Rao Bahadur

P. Somasundaram Chettiar Avl., Kallai.

Sir,

With reference to the G. O. No. 1163, Educational, dated 25th October 1915, notifying that a State scholarship will be awarded in this Presidency during the year 1916 for one of the technical subjects enumerated therein, and inviting applications for the same, I respectfully beg to offer myself as a candidate.

I have passed the Matriculation Examination of the Madras University, held in December 1907. Subsequently I underwent a four year's course of Electrical Engineering in the Victoria Jubilee Technical Institute of Bombay and have gained its Diploma. I have also passed the 'ORDINARY' grade in Electrical Engineering as well as the 'Honours Grade' in Telegraphy of the City and Guilds London Institute. I am desirous of improving my knowledge of Electrical Engineering by further training in Great Britain.

I submit that I am a native of India as defined in Section 6 of the Government of India Act, 1870, that I have the consent of my family to proceed to Europe or America and that I am now thirty (30) years old.

I pray that the Government be pleased to me the State Scholarship applied for. And in the being grante the

50 4647

As for my character I further beg to refer you to the
of Madras who personally knows me.

I beg to remain,

Sir,

Your most obedient servant

J. Kuryan

4 7 57
UNIVERSITY of MADRAS.

Matriculation Examination.

I hereby certify that Kuryan Robert passed the Matriculation Examination held in the month of December 1907 his optional Language being Malayalam, and that he was placed in the Second Class.

(sd)

Senate House,)
The first April 1908.)

Francis Dewsbury, B.A., L.L.B.
Registrar

Victoria Jubilee Technical Institute,
Bombay.

R. Kuryan

Having completed the course and passed the Examination held during
four sessions ending the year One thousand nine hundred and eleven
(1911) in

TECHNOLOGICAL ELECTRICAL ENGINEERING and the Complementary
Science Subjects, the Board of the Institute, on the award of its
Examiners, has granted to him this

FULL TECHNOLOGICAL CERTIFICATE of the
P A S S C L A S S

(sd) F.L.Sprott---Chairman

(sd) K. D. Briar,

(sd) D. E. Wacha---Honry. Secretary. Ag. Director of Public Instruction.

(sd) W.T.Ponfret--Ag. Principal.

City and Guilds of London Institute
(Incorporated by Royal Charter)

Department of Technology

This Certificate in the Ordinary Grade of Electrical Engineering
is awarded to Robert Kuryan who has passed the Institute's Examination
in the subject.

(sd) Morton Sathany

Chairman of the Technological
Committee.

(sd) Philip Mamns,

Superintendent of Department of Technology

(sd) I. Wolfe Barry,

Chairman of the Executive Committee.

(sd) George Baker, Treasurer

R. Kuryan

Signature of the holder of the Certificate dated
May 1911.

City and Guilds London Institutes 60

(Incorporated by Royal Charter)

Department of Technology

This is to certify that at the Examination held in 1911 Robert Kuryan passed in the Second Class of the Honours Grade in Telegraphy

This Certificate will be exchanged for a full Technological Certificate as soon as the candidate shall have passed in the Preliminary qualifying subjects.

(sd)

Morton Sathany,
Chair of the Technology Committee.

(sd)

I. Wolfe Barry,

Chairman of the Executive Committee.

(sd)

Philip Mamns,

(sd)

George Baker,

Supdt. of Department of Technology

Treasurer.

R. Kuryan

Signature of the holder of the Certificate.

Victoria Jubilee Technical Institute.

From

Tom S. Dawson Esq.,

Principal.

I have pleasure in recommending Robert Kuryan for a post in the Government Telegraph Department. He was a student in the Electrical Section of this Institute and throughout his ~~whole course~~ whole course showed particular aptitude for Electrical work. He has thoroughly sound knowledge both theoretical and practical and I am sure will give satisfaction.

(Sd)

Tom S. Dawson,

Principal.

62

Mr. Robert Kuryan is a young man well known to me. belongs to a very respectable family of Syrian Christians; his character is irreproachable and his habits strictly temperate. He would wear well and would I believe keep level without seeking popularity. He has in my opinion the gift of being able to command the respect and confidence of those with whom he comes in contact and would I feel sure keep things going. He has good manners and he is always courteous and obedient to anything even mine. I believe I am doing my duty in recommending him for whatever appointment he may find for which he is qualified.

(sd)

4th December 1915.

Hugh Jones, M. A.
Chaplain of Calicut.

63 Calicut, 14th January 1921

I have a slight knowledge of Mr. Robert Kuryan. I know his father well, as he is the Head Master of the High School attached to the College of which I am Principal. I understand that Mr. Robert Kuryan had a four year's Electrical Training at the Victoria Technical Institute, Bombay, and has passed the City and Guilds London Institute ^{Ordinary} ~~Intermediate~~ Grade Examination in Electrical Engineering, and passed the Honours Grade in Telegraphy in the Examination conducted by the same body.

He appears to be a young man of good character and in my opinion is a fitting person to receive the scholarship for which he applies.

(sd)

W. E. Hoare,

Principal,

Basel Mission College, Calicut

CURRENT No.

From _____

Received _____ 191 . Registered _____ 191 .

Subject.

P. THEAGARAYA CHETTY

CNO 323 Sd
26-1-16

TONDIARPET

Madras 25th Janr 1916

FROM

Rao Bahadur P. Theagaraya Chetty B.A.,

TONDIARPET,

TO

The Secretary to Government, (Educational Dept.)

FORT ST. GEORGE.

Sir,

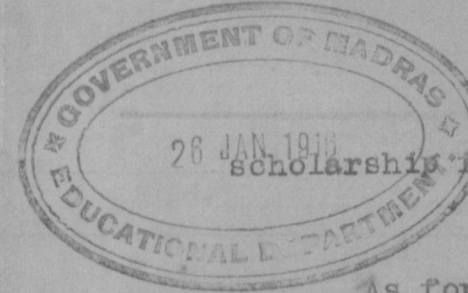
With reference to G.O.No.3944-1 dated the 11th November 1915 re State Technical Scholarship, I have the honour to suggest that the industry that requires development most at this juncture is Dyeing. We are now suffering very much for want of Dyeing materials and the weaving population is put to very great straits for want of coloured yarns. There was a boom in the yarn market last week, and Turkey Red 60's, the normal price of which was Rs.8/- a bundle went up to Rs.9 in December, and to Rs.26 last week. It is now steady at Rs.14. If imports continue as at present --and there is no reason to think otherwise until the close of the war-- and with natural tendency for rise of prices in times of scarcity, the position of the weaver will become deplorable. To save the situation for future at least, any endeavour in the direction of improving indigenous dyes will be most welcome and of the greatest importance. I, therefore, strongly recommend that State-scholar-

50 DEPARTMENT.

CURRENT No.

From _____

Received _____ 191 . Registered _____ 191 .

Subject. B

-2-

65

26 JAN 1910 scholarship for the year should be for dyeing.

^a
As for young man of promise, with an aptitude for dyeing, Mr. V. Hanumantha Rao, Assistant Weaving Master, Sholapur Mills, who I learn is an applicant, will do very well. With a four years' course of study of Textile Manufactures in the Victoria Jubilee Technical Institute of Bombay, he obtained the Diploma of Licentiate in Textile Manufactures, including spinning, weaving, dyeing and bleaching examinations. He has also passed the 2nd Grade of Cotton Spinning, Weaving, Dyeing and Bleaching Examinations of the City Guilds Institute of London in First Class. He is now employed as an assistant in the Weaving and Dyeing Department of the Sholapur Mills on Rs. 150 a month.

He has now successfully placed in Bombay and Sholapur markets an Indian Black Dye (Vegetable) and he is now endeavouring to produce yellow and orange (vegetable) Dyes to meet the market. This seems to be a move in the right direction and this is the kind of person who should be encouraged and trained. If he is successful in obtaining the Government Scholarship, I am sure it will be to the interest of ^{Mr.} Seth Narottam Morarjee Goculdoss, the proprietor of the Sholapur Mills, to give him introductions to manufacturers in England for the study of the Chemistry of Dyes.

I have the honor to be,
Sir,

Your most obedient servant,

P. Narayanaiah

H. S. Rao



51
CNo. 374 Edl
28/1/16
66

Madras, 27th January 1916.

The Secretary

to the Government of Madras,

Educational Department,

Madras.

Sir,

*of delivery
remitted*
I have the honor to acknowledge receipt of your letter No. 288-1 Edl: dated the 25th instant, and to inform you in reply that, while the Chamber regrets the delay in replying to G.O No. 1163, dated the 25th October 1915, it knows of no young man to recommend for the State Technical Scholarship to be awarded in this Presidency in 1916.

I have the honor to be,

Sir,

Your most obedient servant,

Ear

Secretary.

Chairman.

52

67

84

CNo. 375 Edl

28/1/16

The Trichur Timber & Saw Mills.

Rao Sahib T. Namberumal Chetty,
MANAGING DIRECTOR AND LESSEE.

CODE USED: A. B. C. 5TH EDITION.

TELEGRAPHIC ADDRESS:
"SAWMILL."

BANKERS:

BANK OF MADRAS, MADRAS.

BANK OF MADRAS, COCHIN.

H. S. A. LEKSHMANA IYER, TRICHUR.

COCHIN STATE,
SOUTH INDIA.

Trichur 26th Jan. 1916.

TERMS—Cash against delivery.
Rates are free on rail, Trichur.

No. G. 41/111.



The Secretary

to Government of Madras,

Educational Department,

Madras.

Sir,

With reference to your letter No. 3944-3 Edl.
dated 8th January 1916, I beg to state that I am unable to
suggest any young man qualified for the state Technical
Scholarship sanctioned in G.O. No. 1163 Edl. dated 25th
Oct. 1915.

I regret I have not been able to send this
reply earlier.

I beg to remain,

Sir,

Your most obedient servant,

T. Namberumal Chetty

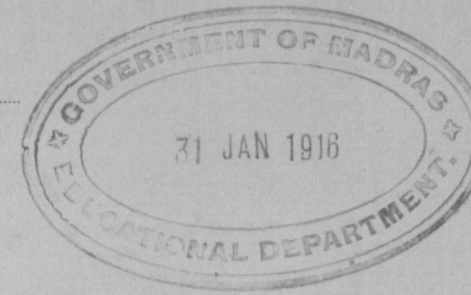
90V 102

p 38 out

THE SOUTHERN INDIA CHAMBER OF COMMERCE.

INDIAN CHAMBER BUILDINGS,
NORTH BEACH, MADRAS.

No. 203.



27th January 1916.

From

Rao Bahadur P. Theagaraya Chetty Garu, B.A.,
President, The Southern India Chamber of Commerce,
M a d r a s,

To

The Secretary to Government,
Educational Department,
FORT ST. GEORGE.

Sir,

Adverting to your G.O.No.1163, dated 25th October 1915, Edol.,
and to your reminder of the 25th instant, I am to enclose copy of
a letter addressed by me in my individual capacity, which the Chamber
has adopted as its reply also on the subject.

I have the honour to be,

Sir,

Your most obedient servant,

P. Theagaraya Chetty
President.

P. Theagaraya Chetty
Secretary.

Encl:-1.

h2

San

54
Tondiarpet,
Madras, 25th January 16

From

Rao Bahadur P.Theagaroya Chetty, B.A.,

Tondiarpet,

To

The Secretary to Government (Educational Dept.)

Fort St.George.

Sir,

With reference to G.O.No.3944-1 dated the 11th November 1915 re. State Technical Scholarship, I have the honour to suggest that the Industry that requires development most at this juncture is - Dyeing. We are now suffering very much for want of Dyeing materials and the weaving population is put to very great straits for want of coloured yarns. There was a boom in the yarn market last week, and Turkey Red 60s, the normal price of which was Rs.8/- a bundle went up to Rs.9 in December and to Rs.20 last week. It is now steady at Rs.14. If imports continue as at present -and there is no reason to think otherwise until the close of the war- and with natural tendency for rise of prices in time of scarcity, the position of the weaver will become deplorable. To save the situation for future at least any endeavour in the direction of improving indigenous dyes will be most welcome and of the greatest importance. I, therefore, strongly recommend that State Scholarship for the year should be for dyeing.

As for young man of promise, with aptitude for dyeing, Mr.V. - Hanumantha Rao, Asst.Weaving Master, Sholapur Mills, who I learn is an applicant, will do very well. With a four years course of study of Textile Manufactures in the Victoria Jubilee Technical Institute of Bombay, he obtained the Diploma of Licentiate in Textile Manufactures, including spinning, weaving, dyeing and bleaching examinations. He has also passed the 2nd Grade of Cotton Spinning, Weaving, Dyeing and Bleaching Examinations of the City Guilds Institute of London in First Class. He is now employed as an Assistant in the Weaving and Dyeing Department of the Sholapur Mills on Rs.150/- a month.

P.T.O.



TELEPHONE NO. 218.



GARDEN CLUB,
MARSHALL'S ROAD, EGMORE,

Madras, S. C. 1st February 1916.

70

From

J.H. Thonger, Esq.,

Chairman, Madras Trades Association,

Madras.

To

The Secretary

to the Government of Madras,

Educational Department, Madras.

Sir,

In acknowledging the receipt of your letter No. 222-1, Edl., dated the 25th January 1916, I have the honour to inform you that the majority of the Members of this Association are in favour that a Scholarship be offered for Sanitary Engineering, but if Government are not prepared to extend the list of suggested subjects to include this very important branch, the Members would then suggest Soap making.

I have the honour to be,

Sir,

Your most obedient servant,

J.H. Thonger
Chairman,

THE MADRAS TRADES ASSOCIATION.

Ear

Ordinary

He has now successfully placed in Bombay and Sholapur markets an Indian Black Dye (Vegetable) and he is now endeavouring to produce yellow and orange (vegetable) Dyes to meet the market. This seems to be a move in the right direction and this is the kind of person who should be encouraged and trained. If he is successful in obtaining the Government Scholarship, I am sure it will be to the interest of Seth Narottam Morarjee Goculdoss, the proprietor of the Sholapur Mills, to give him introductions to manufacturers in England for the study of the Chemistry of Dyes.

I have etc.,

(Signed) P. Theagaroya Chetty,

(True copy)

71

Sp 4 sent on
4/2 one attached

Edl: Dept:

Letter No. 3944-3 281
21.2.16

Sir,

P. I. C. F.

I am directed to invite your kind attention to Mr. Todhunter's letter No: 3944-1 Edl: d) the 11th Nov: 1915 regarding the State Technical Scholarship available for award in this Presidency in 1916 and to enquire ~~where a reply thereto may be expected.~~

I have to.

Recd 22/2/16

See (3)
as
22/2/16

17.2.16.
18/2/16

26/2
19.2.16

To

Mr: V. Sakambara Mudali

The Hon. Sir H. Fraser

Mr: R. T. Menzies.

Mr: G. L. Armstrong

Forwarded
Collected
24/2/16

S. W. D. No. 33-A.

Telephone Address :

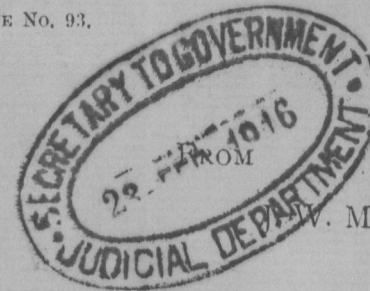
"Special, Madras."

TELEPHONE No. 93.

S. E. No. 418/16

A. B. C. CODE,

5TH EDITION, 1901.



CN 665 88 15
23/2/16 CORPORATION OF MADRAS,

Special Works Department, 72

Madras, 23rd February 1916

V. MADELEY, Esq., M.A., M. INST. C.E., M. AM. Soc. C.E., Etc.,

Special Engineer, Corporation of Madras.

To

M.R. Ry. Dewan Bahadur P. Rajagopalachariar, J.T.E.,

Secretary to Government,

M a d r a s.

Sir,

Enclosure

P. I. Mathai

The bearer of this note is Mr. P.I. Mathai whom I have recommended for a technical scholarship out of India.

Mr. Mathai has already seen Mr. Tomhunter, when he was acting for you, and if you apply to that gentleman he will be able to give you further particulars.

Mr. Mathai wishes to see you in order that he may explain to you just what he wishes to do. I may however say that he wishes to become an expert Plumber and also to study Sanitary Engineering, so that he may qualify himself for the position of Factory Inspector, Drainage Superintendent, or other similar position, which requires a course of practical training which is very difficult to obtain in India at present.

I have the honor to be,

Sir,

Your most obedient servant,

V. Madeley



PARRY & CO., MADRAS.

London House:
PARRY MURRAY & CO.,
70, Gracechurch Street, E. C.
Telegraphic Codes, A. B. C.
5th Edition, Scotts 10th Edition.
A I Western Union &
Maring and Neal.



Box No. 12,

Madras, 23rd February, 1916.

73

The Secretary

to the Government of Madras,

Madras.

Sir,

I have the honor to acknowledge your No.3944/3 E.D.L., and in reply would advise that I have no suggestion to offer in regard to Mr. Todhunter's letter No.3944/1 E. D.L of the 11th November 1915 regarding the State Technical Scholarships available for reward in this Presidency for 1916.

I have the honor to be,

Sir,

Your obedient servant,

M. Munster

94

191

C. No., From the, No., dated 191

99 99 99 99 99 99 99 99 191

No. 396, dated 8-4- 1916

⑨ S.

The name of Muliyil Karuvann will be submitted to the Govt: of India for a State technical scholarship for the study of electrical engineering.

$\frac{du}{7.4.16}$
 $\frac{C\alpha}{7.4.16}$

Lakshari. No. 397 ⁸ 8-4-16

To the Secy. to the Govt. of India
Deptt. of Education

In accordance with the

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the instruction in your letter No. 1171, dt the 16th August 1911, I am directed to enclose a recommendation roll on behalf of Muligil Scaramon for the State Technical Scholarship to be awarded in the current year.

2. Arrangements have been made for the examination of the candidate by a Medical Board and a certificate of physical fitness will be forwarded to the Govt. of India. It is required.

I have to.

CA
7.4.16

[Handwritten signature]

[Annexure page 72]

1. Name of candidate and place of origin. Muliya Karuven, Born at Cannanore, Malabar, British India.
2. Age and date of birth. Twenty six (26) years of age. Born 30th March 1890.
3. Parentage Father's name and occupation etc. Born of Thiyya parents. Father:- Muliya Karuven Landholder.
4. Academical ^{and} practical qualifications of candidate.
 1. Graduate in Arts (Mathematics) of the University of Madras.
 2. From (1912-16) four years training in the College of Engineering, Madras. Of these two years (1914-16) specialisation in mechanical and Electrical Engineering.
 3. Special opportunity of learning the erecting and working of Electrical Machinery, in connection with the erection of the College new Electrical Laboratory in 1914-15.
 4. Visits under the College Authorities to the following places, where actual machinery are in operation.
 - (a) Siva Samudram Hydro Electric works (b) Kolar Gold Fields (c) Bombay Tata Hydro Electric works (d) Perambore Railway work-shops.
5. Subject chosen for study. Higher Electrical Engineering.
6. Whether physically fit to undergo Medical certificate will follow the training.
7. Prospect of employment on return.

After return from study, I should like to take up private service in Electrical Engineering, unless required by Government to accept service under them.

Besides I would like to be engaged on return in the profession of Electrical Engineering only.

N. G. Arum.

for Director of Public Instruction.

396/16

77

Report of the
Committee on the
State Technical Scholarship

March 11, 1916

to the

State Board of Education
at the

List of Candidates for State Technical Scholarship

to be
submitted
to the
State Board of Education
for their
consideration
and
approval

To be checked with the original of
the
State Board of Education
for their
consideration
and
approval

396-7
8-4-16

396-973A

Name of the candidate.	Subjects proposed to be studied	Qualifications.		Remarks.
		Genl: educational.	Technical.	
7. K. V. Nayak.	Electrical engineering.	(Not known)	(i) undergoing the final of the fourth year's course in electrical engineering at the Victoria Jubilee Technical Institute, Bombay. (ii) Passed the City and Guilds of London Institute examinations in electrical engineering, telephony and telegraphy. (iii) Has had a practical apprentice training at the Tata Hydro Electric Works.	
8. G. R. G. Reddi	Tanning	Studied up to the entrance exam:	(i) preliminary training for 9 months in the Govt: tannery at Serubim. (ii) has been working as an assistant in the Tanning Dept: of the Mysore Tannery, Ltd:.	
9. A. S. Subba Ayyar.	Metallurgy & mining.	B. A. in Geology of the Madras University.	Has been in the Geological Survey of the Govt: of India since 1911, as museum asst:.	
10. M. Karttunen	Electrical Engineering.	B. A. in Mathematics of the Madras Univ:	Now a student in the Engineering College, being in the third year's course of the Engineering class.	
11. M. R. R. J. Narayana Murthy.	Agricultural engineering & paper making	B. A. of the Madras Univ:.	B. Sc. Employed as personal assistant to the Director of Industries engaged in the pumping and boring work and also in paper pulp experiments.	

Particulars about the candidates recommended by the J. P. S. for the State Technical Scholarship
 Refers to pp 67 to 69 C.F.

Name of the candidate	Industry proposed to be studied	Qualifications		Remarks
		General	Technical	
1. P. S. Pillai	Electrical Engineering	[Not known]	(i) From Nov. 1907 to 1908. As charge hand under Messrs. Lumsden & Co, Ltd., Bombay branch, on erection of gas engines dynamos, motors and general installation. (ii) From January 1909 to 1911. As Senior Switch-board attendant in the Madras electric supply Corp. (iii) From Oct. 1911 to Jan. 1914. As Junior charge engineer in the Madras electric supply Corp. (iv) From Jan. 1914 to date. As Senior charge engineer in sole charge of the generating plant for eight hrs. per day under the Madras electric supply Corp.	
2. V. Hanumantha Rao	Refining	vide page 3 ante		Same as No. 7 on p. 3 ante.
3. Indradevchand Mustafi	Manufacture of buttons & combs	vide page 3 ante		Same as No. 9 on p. 3 ante.
4. R. Te. Fayaz Laryus	"Weaving Industry & Textile Chemistry"	Passed the Matric. exam: & completed the course for the Intermediate, taking Physics, Chemistry & Biology as optional subjects.	(i) Was a teacher of Botany for a year in the higher classes of the L. B. M. High School, Vizagapatnam. (ii) Now undergoing training in textile industry in the Victoria Technical Institute, Bombay.	
5. T. Thangam	"Technical plumbing and sanitary work"	(Not known)	(i) Graduate in Mechanical Engineering of the Victoria Jubilee Technical Institute, Bombay. (ii) was in charge of the Berhampur Municipal water works from the 14th Sept. 1914 to the 3rd Nov. 1918 and since then employed in the Nilpukur water-works.	
6. S. Natesan	(Not specified) Electrical Engineering	[Not known]	(i) undergoing the fourth or the final year course in the mechanical engineering dept. of the Victoria Technical Institute, Bombay. (ii) Has passed the 1st grade of electrical engineering and the second grade of mech. eng. of the City and Guilds of London Institute.	

Name of gentleman or association recommended.	Subject of study recommended.	Name of candidate recommended.	Qualifications.		Remarks.
			Genl: educational	Technical.	
1. Rao Bahadur P. Thayarasaya Chettaiyer (pp 49+50 CF)	Dyeing	V. Hanumantha Rao.	Studied up to the Matriculation standard.	(i) Licentiate in textile manufactures of the Victoria Jubilee Technical Institute, Bombay. (ii) Passed in the I class the two grades of cotton spinning, weaving, dyeing & bleaching exams: of the City & Guilds Institute of London. (iii) worked as a weaving apprentice for six months in the Dencham Pettit Mills, Bombay. (iv) was employed as a designer in in the Sholapur Spinning & Weaving Mills for 6 months and is now the asst: weaving master therein.	
2. The South Indian Chamber of Commerce (pp 53-55 CF)	do	do	do	do do do.	
3. The Madras Trades Association (p 56 CF)	Sanitary Engineering & Soap making	Nil			
4. Z. S. Wankar Wankar (pp 43+44 CF)	Manufacture of buttons, bones & horn horns & hoofs.	Tandulbharadwaj Mustafi	Studied up to the Intermediate standard of the Balasore University	Was in management and supervision of the first button factory in Madras started by Messrs Rao & Sons - from 1906 to 1910. Since 1910 has been taking an active interest in the concern as an honorary member.	

Name of gentleman + association recommending	Subject of study recommended	Name of candidate recommended	Qualification.		Remarks.
			Genl. educational.	Technical.	
4 Mr. G. A. Chambers. pp 21 to 290 F.	Leather manufacturing industry.	(1) E. W. Bolst. (2) P. S. Venkatasulu Naryudu	Passed the <u>Middle School exam</u> under the code of Regs for European schools	Has had five years' experience in leather work with Messrs Cooper & Allen & Co, Army Boot and equipment factory, Bangalore: now employed in the Lahore Leather & Co, Madras.	
			Passed the <u>Old Lower Secondary exam</u> & studied up to the Matriculation standards.	Has been employed since 1906 in the Lahore Leather & Co. and is at present the asst. manager in the company's tannery at Pallavaram.	
5 Mr. J. W. Madley. pp 304 to 310 F.	Sanitary Engineer- ing & Plumbing	P. J. Mathai X	Passed the <u>Matriculation</u> examination.	(i) Licentiate in Mechanical Engineering of Bombay Technical Institute, I class. (ii) Passed Bombay Boiler Act - II class. (iii) Holds City and Guilds (London) certificate in Mechanical Engineer- ing - II class. (iv) One year apprenticeship in Bombay Port Trust on engines, boilers and hydraulic machinery, employed for 3 years as water works foreman in Madras Port Corporation.	The course which Mr. Mathai wishes to undergo is detailed in the notes at (V) Being a native of Tanjore would appear to be ineligible for the Scholarship - G.O. 1089 Sd/- d/ the 17th Sept. 1914 (Z)
6 The Honble. P. Somasundaram Chettiar. pp 45 to 48 F.	Electrical Engineering	Robert Kurugan	Passed the <u>Matriculation</u> examination.	(1) Diploma in electrical engineering of the Bombay Victoria Technical Inst. (2) Passed the 'Ordinary grade' in electrical engineering & the 'Honors grade' in telegraphy of the City & Guilds London Institute.	

Name of gentleman association recom- mending	Subject of study recommended.	Name of candidate recommended	Qualifications.		Remarks.
			Genl: educational	Technical.	
1. Mr. L. B. Simpson H 4, 54 142 F.	Cotton spinning and weaving.	Willoughby Herwood Marshall	Studied up to the Middle School Standard under the Code of Regulation for European Schools.	(i) Served as apprentice for six months in the P.W.D. workshops, Madras. (ii) Has been for four years and three months in the Latamatic Mills, Co. & during this period spent five months in the machine shop, two years & two months in the card room and is at present going through the winding and warping room.	
2. Khann Bahadur Khan Bahadur Sahib. H 154 160 F.	Manufacture of glass, match, paper, fireworks.	J. D. Joneau.	(Not known)	Has had 3 1/2 years' experience in glass works — at present employed in the Madras glass works	
3. Mr. S. J. Haverins H 74 200 F.	Electrical Engineering.	V. Ramna Rao.	Has had high school education.	(i) worked for four years in a factory using electricity as motor power (ii) Apprentice in Perambur workshop for three years. (iii) Worked at the South Indian Industrials cement works and reliance foundry for two years, with Messrs Messers & Co. for about a year and for the Indian Aluminium & Co. for four years.	

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