[Edl.
6.]
500—24-8-97.

Educational (1898) Department.

ORDINARY MS.

G.O., No. 1633—4

DATED 5-10-98

INDEXED.

17-17

[Despatch Abstract.]

Forwd. to the Resdt. at Hyderabad a Copy of the
Pro: of the D.P.I. recognizing the Secunderabad
echnical Institution opened by H Nara-
anayya for the purposes of the Govt. Tech-
cal examinations

BACK PAPERS.

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

FURTHER PAPERS.

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

Educational (1898) Department.

CURRENT No. 1267

Read C. No 1180 & this

From The Director of Public Instruction Madras.

No. 11077

Dated 24 September 1898.
Received 26 SEP 1898
Registered 26-9-98
Enclosures 8 (1 to C. No. 1180 with enclos)
Spare copies

Order No. 633 d/ 5·10·98
mis

The following letter will be despatched to the Resident at Hyderabad.

Letter to No. 634 d/ 5·10·98
The Resident at Hyderabad.

Despd 8.10.98

Sir,

In reply to your letter no 5298 d the 31st August 1898, I am directed to forward for your information a copy of the Pro. of the ~~local~~ D.P.I. Madras, no 11076 d 24th Sept 1898, recognizing the Secunderabad Technical Institution, opened by H. Narayanayya, for the purposes of the Govt Technical Examinations.

A.E. 3/10/98

H T 3/10

SUBJECT.

Returning a certain endorsement regarding the recognition of the Secunderabad Technical institution.

DESPATCHED 24 SEP 1898

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

K.R.No. 13702 of 98

2

cational (1898) Department.

CURRENT No. 1180

Endt. ~~Order~~ No. 1984 d/16 Sept 1898.

PUBLIC INSTRUCTION
20 SEP 1898
MADRAS

Referred to the Director of Public Instruction.

(By order)

A Edgington
Ag Asst Secretary.

NA
5-9-98

[illegible]
15 9 98

From

The Resident at Hyderabad

No. 5298

Dated 31. 8. 98
Received in M.O 7. 9. 98
Registered - Do
Enclosures 7
Spare copies.

SUBJECT.

Forwdg for favorable consideration appln from H. Narayaniya regdg that a class opened by him in Secunderabad for tuition in Engineering subjects may be recognized for the purpose of the Govt. Technical Examns.

8

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

---

3 1

TESTIMONIALS
OF
H. NARAYANAIYA.

This is to certify that H. Narayanaiya was a student of the Draughtsman's class of the College of Engineering from February 1887 to December 1888, and attended the prescribed courses in Practical Plane and Solid Geometry; Free hand Perspective and Model Drawing; Architectural and Topographical Drawing; Machine Drawing; and Estimating.

(Sd.) H. D. LOVE, CAPT., R. E.,
Principal, College of Engineering.

This is to certify that in December 1888, he passed the Examination in the above subjects required for a Draughtsman of the Second Class.

(Sd.) W. C. BADDELEE, CAPT., R. E.,
President, Board of Examiners.

Certified that eleven plans drawn by H. Narayanaiya during his College course, *viz.*, five drawings of buildings, bridges and irrigation works, one topographical drawing and five drawings of machine details, have been retained as specimens for use in the College.

CHEPAUK:
25th February, 1889.

(Sd.) H. D. LOVE, CAPT., R. E.,
Principal, College of Engineering.

COLLEGE OF ENGINEERING, MADRAS.

DRAUGHTSMEN'S CLASS FIRST DIVISION.

Final Examination Results, December 1888.

No.	NAME.	I. Practical and Discriptive Geometry.	II. Free hand Perspective and Model Drawing.	III. Architectural and Topographical Drawing.	IV. Machine Drawing.	V. Estimating.	Grand Total.	REMARKS.
	Maximum marks.	150	150	240	200	260	1000	
1	H. Narayanaiya.	103	88	127	190	246	754	Second class certificate stood first in the examination and won the silver medal and a special prize in subjects IV & V.
2	......	...	...	...	...			

(True copy.)

H. D. LOVE, CAPT., R. E.,
Principal, College of Engineeriug.

MADRAS RAILWAY COMPANY,
CHITTRAVATI RESIDENT ENGINEER'S OFFICE, KONDAPURAM.
21*st February* 1890.
No. 124.

F. B. WALKER, Esq.,
Chief Engineer, East Coast Ry.

SIR,

I have the honour to enclose an application from my Draughtsman for your kind disposal. He is a very respectable and promising young man and he can trace quickly and neatly, here I have not given him drawings to make from sketches but he is intelligent and would I am sure quickly learn to do this well. He has made drawings of concrete skips and buckets. Though I forward his application I beg to say that he cannot leave this till the works here are closed which will probably be about the end of June next. You may perhaps be able to give him work at the close of these works in your office or as an inspector of works as he says he would like to be on outdoor work, and the variety of work he has seen executed here should make him a useful inspector.

I have the honour to be,
Sir,
Your most obedient servant,
(Sd.) E. W. STONEY, M. E., M. I. C. E.,
Engineer-in-charge, Chittravati Bridge.

(True Copy.)

VEJIARAGHAVA CHARLU,
Head Clerk.

MADRAS RAILWAY COMPANY,
CHITRAVATI RESIDENT ENGINEER'S OFFICE, KONDAPURAM,
11*th March* 1890.

H. Narayanaiya has been employed under me as a Draughtsman on the Chitravati Bridge since April 1889.

He holds a second class certificate from the Madras Civil Engineering College.

He is painstaking, hardworking and most anxious to learn and improve himself in every way, here he has had an excellent opportunity of seeing Cylinder sinking, Concrete work, Masonry work, Girder building and every variety of work required on a Bridge of 19-140 ft. spans with foundations down to 78 ft. deep done. His chief work has been tracing drawings of Girders and other structural iron work, and machinery ; he is now a neat and quick tracer, he has also made drawings from instructions well, and his conduct has been very good.

(Sd.) E. W. STONEY, M. E., M. I. C. E.,
Engineer in charge, Chittravati Bridge.

A NOTE.

DEAR MOORE,*

The beaerr will work on your plans and sections. Spring† tells me that he is V. G.

Initialled by
F. B. WALKER, ESQ.,
E. N. C., East Coast Railway.

H. Narayanaiya is a first class Draughtsman and has worked very well in time of pressure the whole day without getting any overtime or any other indulgence. If I had remained on the Division I should have been glad to have appointed him as an Overseer and feel sure he would have done well as he has intelligence and energy above the common.

---

* G. E. MOORE, ESQ., *Ex. Engineer, Tuni Division, E. C. Ry.*
† J. E. SPRING, ESQ., *Engineer-in-Chief, Kristna Bridge.*

He has certificates and medals to show his proficiency as Draughtsman and Surveyor.

WALTAIR :
22nd October 1890.

(Sd.) G. E. MOORE,
Ex. Engineer, East Coast Railway.

WALTAIR,
29th October 1890.

H. Narayanaiya has worked under me in the office for four months and has given every satisfaction as a very neat and very quick Draughtsman and tracer. He has shown intelligence in his work and understands any drawing that he is working at, and is very painstaking.

(Sd.) W. HOWARD,
Asst. Engineer, East Coast Railway.

This is to certify that H. Narayanaiya, Draughtsman, has worked for four months on the drawings, tracings, &c., of the Tuni Division, East Coast Railway. I have always found him most accurate, quick and painstaking. He is very industrious and has on several occasions worked overtime.

WALTAIR :
29th October 1890.

(Sd.) E. A. S. BELL,
Assistant Engineer, D. P. W.

H. Narayanaiya served in my office for about seven months, as second Draughtsman at Rs, 60 a month.

He is an exceedingly quick and good Draughtsman and most industrious.

Waltair : (Sd.) F. B. WALKER,
17*th December*, 1890. Engineer-in-Chief,
East Coast Railway.

Dear Mr. Large,

I promised this man to give him a letter to you as I am unable to do as much for him myself as I promised. I picked him out of the office as being the smartest man there and likely to make a good subordinate as he seems to be intelligent above the average, besides being hardworking.

Waltair : Yours sincerely,
18*th December*, 1890. (Sd.) GEO. E. MOORE.

MADRAS RAILWAY COMPANY,

Chief Engineer's Office.

Madras, 2nd June 1893.

No. 6488.

The bearer H. Narayanaiya was employed in my Drawing office from August 1891, to August 1892. His work was satisfactory and he was punctual in his attendance.

He resigned his post of his own accord.

(Sd.) HENRY C. WEST,
Offg. Chief Engineer.

B. B. & C. I. Ry. (*including*) R. M. Ry. & G. R. Ry.

Executive Engineer's Office.

H. Narayanaiya has been employed as Head Draughtsman in this office for the last 10 months on a salary of Rs. 100 per month. He is a neat and quick Draughtsman and can make drawings from sketches and take out the quantities. He prepared the plans and took out the quantities of the Rutlam Delhi Survey in a satisfactory manner. I can recommend him to any body wanting a good Draughtsman. He leaves at his own request in order to better himself.

Rutlam : (Sd.) R. M. THOMASON,
6*th July* 1893. Offg. Executive Engineer,
G. R. Railway.

UJAIN BHOPAL RAILWAY,

Engineer-in-Chief's Office.

H. Narayanaiya joined this office in July 1893, as Head Draughtsman on a Salary of ~~Rs~~ 100 and resigned of his own accord after fifteen months' service as he wished to better himself. He makes a capital head to a drawing office looking well after the tracers. He can make full drawings from rough sketches and gets the drawings up very neatly. He is a good Estimator and speaks English fluently. He thoroughly understands how to get up drawings for a railway project and how to take out land and earth quantities.

His records of drawings, &c., were well and accurately kept.

I regret the limitation to the salary of the post in this office did not allow of his services being retained.

Sehore : (Sd.) H. B. TAYLOR,
12*th November*, 1894. *Personal Assistant,*
to Engineer-in-Chief.

RAE-BARELI BENARES RAILWAY.

ENGINEER-IN-CHIEF'S OFFICE,
Lucknow, 9th April 1896.

Mr H. Narainaiyah was employed as Head Draftsman in the Office of Engineer-in-Chief, Rae-Bareli Benares Railway, for about 3 months under my charge and his work was done very satisfactorily throughout.

(Sd.) CAMPBELL THOMSON,
ENGINEER-IN-CHIEF,
Rae-Bareli Benares Railway.

Present Salary is Rs 120 *per month.*

1008
SR *Dept.*
Enclos. 1
O. No. 1180

Printed at the Newul Kishore Press,—LUCKNOW.

" 3

Copy of the letter from the Director of Publick

Instruction.

From

The Director of Public Instruction,

Madras.

To

H. Naraianaiya

Engineer-in-Chiefs Office, H.G.V.Ry.

No 7328. Dtd: 6th July 1898.

Subject.

Requesting to know the conditions under which a Technical Class for tuition in Engineering subjects could be recognized.

Schools in native states are recognized for the purpose of the Government Technical Examinations only in case the Resident or Political Agent of that State certifies that they are conducted in substantial accordance with the Madras Educational rules.

(Sd) D. Duncan

Director of Public Instruction.

189 8
52 D
nclos. No 2
To
G. No 1180

To

The DIRECTOR OF PUBLIC INSTRUCTION,

MADRAS.

(Through the RESIDENT,

Hyderabad.)

No.5 Secunderabad., dated 18th July 1898.

Sir,

In reply to your letter No.7328 dated 6th Instant I beg to submit this my application for recognition of the Class " for tuition in Engineering subjects " conducted by me with a narative report " appended below " on the same as required in appendix B (ii) of Madras Educational rules.

I. A number of students having come to me requested that they wanted to learn Drawing, Surveying and Levelling, I consulted some gentlemen of the station, thought it would be better to open a class as there was no means of getting such education here, or in the neighbourhood and established a class under the name of SECUNDERABAD TECHNICAL INSTITUTION.

II (a) Started teaching the class on 1st October 1897 in the following subjects:-

Drawing and Estimating
Surveying and Levelling.
Mensuration.
Practical plane and solid Geometry.
Machine Drawing.

(b) Hours of Attendance-

6-30 to 9-30 A.M.
Instructions given, also from 6 to 8 P.M. when necessary.
12 to 4 P. M. Drawings prepared.

III. Name of responsible person- H.Narayanaiya

IV-

IV. Intermediate Technical Examination class

V. Number of students on date of application 14.

Average attendance in the term 13.

There is every probablity of getting nearly double the number of students when the class is recognized.

V. (Staff) H. Narayanaiya, present Head Draughtsman,
Engineer-in-Chief's office, H. G. V. Ry.

(b) Teacher in Drawing

(c) Age 31 years.

(d) 10 years experience as Draughtsman.

(e) Passed Middle School Examination in 1885.

(f) Passed out of the College of Engineering at Madras for a Draughtsman in 1888 with medal and special prize as may be seen from the enclosed copies of testimonials.

(2) N- Lukshminarayan Rao, present Draughtsman,
Engineer-in-Chief's office, H.G.V.Railway

(b) Teacher in Surveying and Levelling

(c) Age 23 Years.

(d) Served for some time as a Surveyor in Mysore P. W. D. and now employed as Draughtsman.

(c) Passed Lower secondury examination of the Government of Mysore in 1894.

(f) Having undergone a course of tuition in Arcot Narayanasamy Moodaliar's School at Bangalore has passed in the following subjects in the Madras Government Technical examinations-

H. Narayanaiya

subjects-

SUBJECTS. GRADE.

in 1896 { 1. Surveying and Levelling.......... Intermediate.
{ 2. Drawing and Estimating............ Elementary.
{ 3. Building materials and Construction....Do.......

in 1897 { 4. Hydraulics & Irrigation works.........Do.......
{ 5. Earthwork & Roadmaking................Do.......

in 1898 (6 & 7) Mensuration and Geometry........Do.......
?

? Appeared from Secunderabad Technical Institution and results are not out yet.

VI. ACCOMODATION- Part of the house in which I live is used being convenient for students to attend night class.

Area of the class room measured 24'-9" x 15' is 371 Square feet.

VII. Drawing tables, benches, board etc sufficient for the present number of students to work are provided.

VIII. Books bought in the funds collected by fees are lent to students when asked for.

IX. A register is maintained in a manscript form.

X. No stipend allowed.

XI. Some students have passed the Middle School Examination and others are educated to Middle school and 6th Form Standards. No prescribed certificates are demanded from students as the education in these parts seem to be poorer than in Madras.

I beg to remain,
Sir,
Your most obedient Servant,

H. Narayanadya

1898
Enclos. No 3
To
O. No 1180

15/67

SN/1

19/7

POLITICAL OFFICE
Regr. No 3784
Recd. 20.7.98
HYDERABAD RESIDENCY.

No 4

To

The Resident,
Hyderabad.

Dated Secunderabad 18th July 1898.

Sir,

I beg to forward copy of a letter received from the Director of Public Instruction Madras for your kind perusal, and request the favor of your kindly transmitting with the required certificate the enclosed application "with full particulars as required by the educational rules " for recognition of the class established by me at this station for tuition in Engineering subjects.

I beg to remain,
Sir,
Your most obedient Servant,
H. Narayanaiya
Technical Institution,
Secunderabad.

Encls
3.

No. 4

To

The Resident,

Hyderabad.

Dated Secunderabad 8th July 1898.

Sir,

I beg to forward copy of a letter received from the Director of Public Instruction & also for your perusal and request the favour of your kindly transmitting with the required certificate the enclosed application with full particulars as required by the educational rules under the recognition of the Institution established by me at this station for education in Engineering etc.

1898
282
Enclos. No. 4
O. No. 1180

---

16 9

Copy of letter No. 4148 dated the 4th August 1898 from the Cantonment Magistrate and Secretary to Cantonment Committee, Secunderabad, to the First Assistant Resident, Hyderabad.

With reference to your letter No. 4564 dated the 28th ultimo, I have the honor to report that the Secunderabad Technical Institution was opened by Mr. H. Narayanaiya on the 1st of October 1897, and since that date the students have been regularly attending the Institution for instruction in the subjects quoted in para II (a) of Mr. Narayaniaya's application and from the work already done by the students since the 1st October last, I have reason to believe that they are undergoing a proper course of training in the subjects above referred to.

II Each of the students have

their

their own materials for drawing and the manager has the necessary apparatus for instructions in Surveying and levelling.

III. I am of opinion that the institution will prosper if recognized by Government and its existence will be appreciated by the public as there are no technical schools now at Secunderabad.

(True copy)
Narrainsawmy
Superintendent,
Issue Branch,
Resident's office.
K

1898
Edn
Enclos. No. 5
To
G. No. 1180

Instruments:

(1) 100 feet chain with arrows
(2) Presmatic compass
(3) Levelling instrument
(4) Plane Table
(5) Metallic tape.

(True copy)
Narrainsawmy
Superintendent,
Issue Branch,
Resident's office.
K

1898
Edn Dept.
Enclos: No. 6
S. No. 1180

Copy of letter No. 2121 dated the 18th August 1898 from the Director of Public Instruction, Hyderabad Assigned Districts to the First Assistant Resident, Hyderabad.

With reference to your No. 4859 dated the 12th instant, I have the honour to state that want of technical education is keenly felt every where and that the opening of a technical class by Mr. Narayanaiya as a private concern deserves to be welcomed. Captain Sewers speaks well of the institution and Mr. Narayanaiya appears to be fairly qualified to give instruction in (1) Drawing and estimating (2) Surveying and ~~[illegible]~~ Levelling (3) Machine drawing &c. The class is attended by 14 boys and the number is likely to increase if it be recognized by Government. The attempt is a good one and deserves encouragement. Mr. Narayanaiya may kindly be asked to submit

an

92

an application in the prescribed form vide rule 1 Chapter V Madras Grant-in-aid Code.

2. The accompaniment to your number under reply is herewith returned.

True Copy.

T. Narrainsawmy
Superintendent,
Issue Branch,
Residents' Office

1180

21

CURRENT No. ~~478~~ 1180

13

Political Office.

No. 5298 of 1898.

GOVERNMENT OF MADRAS * CHIEF SECRETARY *
5 SEP 1898

From

J. A. Crawford Esquire,

Officiating Resident at Hyderabad,

To

The Chief Secretary to the Government of

MADRAS.

Dated Hyderabad Residency, the 31st August 1898.

Sir,

I have the honor to forward the accompanying application from H. Narayaniya requesting that a class opened by him in Secunderabad for tuition in Engineering subjects may be recognized for the purpose of the Government Technical Examinations.

2. In view of the opinions expressed in the enclosed copies of letters from the Cantonment Magistrate of Secunderabad, and the Director of Public Instruction, I would enquire whether the Government of Madras have any objection to considering the application favourably.

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

J A Crawford
Offg: RESIDENT.

Proceedings of the Director of Public Instruction.

No 11076 dated 24 September 1898.

The Secunderabad Technical Institution, Secunderabad is recognized for the purposes of the Government Technical Examinations as fitted to impart instruction in Drawing and Estimating, Surveying and levelling, Mensuration, Practical plane and solid Geometry and Machine drawing up to the intermediate grade.

(Sd). D. Duncan

Director of Public Instruction.

(True copy)

D Duncan

Director of Pub. Instn

Exd

To

M.R.Ry. H. Narayaniah, Secunderabad Technical Institution.

Copy to the Resident, Hyderabad.

.. to the Commissioner for Government Examinations.

.. to the Director of Public Instruction, Hyderabad.

1898
Edl Dept.
Enclos. No.
To
D. No. 1267

15

CURRENT

Office of the Director of
Public Instruction,
Madras, 24 ~~September~~ 1898.

No. 11077

From

The Honorable Mr. D. DUNCAN, M.A., D.SC., LL.D.,
Director of Public Instruction,
Madras,

To

The SECRETARY TO GOVERNMENT,
Educational Department,
Fort St. George.

Sir,

Referring to your endorsement No 1984, Educational, dated 16th instant, herewith returned, I have the honour to submit for the information of Government a copy of this office Proceedings, No 11076, dated 24 September. 1898, recognizing the Secunderabad Technical Institution for the purposes of the Government Technical Examinations.

I have the honour to be,
Sir,
Your most obedient servant,
D Duncan
Director of Public Instruction.

Exd

When given for copying 5
When copied 6 } 10 } 1898
When examined 6
When signed 7-10-5/150.M

READ AGAIN G.O., No DATED
189 .

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT. .. .. .. A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.

N.B.—
A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.