

[L. & M.]
[2,000-2-2-96.]

Local & Munl. (1895.) Department.

MISCELLANEOUS.

G.O., No. 3184.

DATED 20th Feby. 1895.

[Despatch Abstract.]

Technical institute.

Recording letter from the Director of Public Instruction reviewing the report of the Inspector of Schools, Southern Circle, on the Madura ----- for 1893-94.

BACK PAPERS.

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

FURTHER PAPERS.

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

[7]

Miscellaneous.

LOCAL AND MUNICIPAL DEPT.	
G.O., DATED	20-2-95
No.	318 <i>h</i>

When given for copying.

INDEXED.

[Despatch Abstract.]

Technical Institute

Recording letter from the
Director of Public Instruction,
reviewing the report of the
Inspector of Schools Southern
Circle on the Madura — for
1893-94.

(With notes)

12/8/2

READ AGAIN ORDER OF GOVERNMENT, DATED
189, No. , MISCELLANEOUS.

BACK PAPER, No.

OF 189 .

FURTHER PAPER, No.

OF 189 .

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL (not pagged).

N.B.—

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

Copied by

Examined by

Educational 125

8876-2-95

From

The Director of Public Instruction,
Madras.

To the Honourable the Chief Secretary
to Government
Fort St George

Encl. of 9-2-95 No 256

Transferred to the Local and
Municipal Department.

Local Board
For Under Secretary.



Recd 28th } January 1895
Despatched 29th }

Recd 31/1/020
Recd 1/2 Enclosure Que.

CV
Misc:

Order 20-2-95 No 318

Recorded.

18
14/1/95
M. G. S.

Note.

It is to be hoped that the Director is
not going to send of all these reports to
Govt. Its name dangerous. If the Govt. don't
do what he wants about this he can
represent it in the ordinary way, but it will
not do to pass any order but "recorded" on
these separate statements.

M. G. S.

Forwarding, for the information
of Govt, a copy of the Director's
Pro. n^o 285th 15-1-95, reviewing the
Inspector's report on his inspection
of the Technical Institute,
Madras for 1893-94.

When I have been
Please see whether
this was necessary
With order

Madras, 28 January 1895.

No. 820

From

THE HONORABLE MR. D. DUNCAN, M.A., D.Sc.,

DIRECTOR OF PUBLIC INSTRUCTION,

Madras,

To

THE HONORABLE THE CHIEF SECRETARY TO GOVERNMENT,

FORT ST. GEORGE.

SIR,

I have the honour to submit for the information of Government, a copy of my Proceedings, No. 285, dated, 15 January 1895, reviewing the Inspector's report on his inspection of the Technical Institute, Madura, for 1893-94.

I have the honour to be,
Sir,

Your most obedient servant,

D. Duncan

Director of Public Instruction

No. 285.

PROCEEDINGS OF THE DIRECTOR OF PUBLIC INSTRUCTION, dated 15th January 1895.

Technical Institute, Madura.

Read the following letter from the Inspector of Schools, Southern Circle, to the Director of Public Instruction, dated Coimbatore, 28th June 1894, No. 4569:—

I have the honour to submit, herewith, Tabular Inspection Report of the Technical Institute, Madura, for 1893-94.

2. *Teaching staff.*—There has been no change in the teaching staff since the last inspection. The Assistant Superintendent of the Industrial department and the Carpentry Instructor appeared for the Intermediate examination in Cabinet-making, and the Blacksmith Instructor for the same examination in his own trade, all were successful. The Assistant Superintendent has now been confirmed; but as his qualifications are not sufficiently high, he will be advised to pass the Advanced examination and to qualify for a technical teacher's certificate. The Drawing master has again appeared for the Higher examination in Drawing; the results are not yet known. The instructors in Carpentry, Blacksmithy and Rattan-work should be required to qualify for technical certificates as suggested in the last review.

3. *Industrial department.*—There were 56 pupils on the rolls as against 54 on the date of the corresponding examination last year. The strength of the Carpentry and Rattan-work classes, however, declined owing to the desertion of pupils for more lucrative appointments elsewhere. Of the 56 pupils, 23 were Native Christians, 19 non-Brahmins, 11 Muhammadans and 3 Brahmins. The various occupations were fairly represented. It is satisfactory to note that the artisans have increased in number and now form about 9 per cent. of the whole against 2 per cent. in the previous year. The great majority of the pupils belong, as usual, to the poorer classes.

4. The particulars of my examination in the various industries are given below:—

Industry.	Standard.	Number on the rolls on the day of examination.	Number present for examination.	Number passed.			Number passed for grant.			Amount of grant.	Remarks.
				Merit.	Ordinary.	Total.	Merit.	Ordinary.	Total.		
Carpentry ...	A	8	7	3	4	7	3	3	6	Rs. 30 0 0	Two merit and one ordinary are Muhammadans.
	B	2	2	2	...	2	2	...	2	18 0 0	
	C	8	7	5	2	7	5	2	7	84 0 0	
	D	1	1	1	...	1	1	...	1	15 0 0	
Total ...		19	17	11	6	17	11	5	16	147 0 0	
Rattan ...	A	5	5	1	4	5	1	1	2	10 0 0	One has not passed in the compulsory subject.
	B	3	3	...	3	3	...	2	2	12 0 0	
	C	1	1	...	1	1	...	1	1	8 0 0	
	D	5	5	...	5	5	...	4	4	40 0 0	
Total ...		14	14	1	13	14	1	8	9	70 0 0	

Industry.	Standard.	Number on the rolls on the day of examination.	Number present for examination.	Number passed.			Number passed for grant.			Amount of grant.	Remarks.
				Merit.	Ordinary.	Total.	Merit.	Ordinary.	Total.		
Blacksmithy ...	A	4	3	3	...	3	1	...	1	Rs. A. P.	(a) Muhammadan. One merit and one ordinary are Muhammadans. Do. do.
	B	5	4	2	2	4	2	2	4	7 8 0	
	C	4	4	3	1	4	3	1	4	33 12 0	
Total ...		13	11	8	3	11	6	3	9	47 0 0	
Metal work ...	A	2	2	1	1	2	1	...	1	6 0 0	One Muhammadan. Do.
	B	4	4	...	4	...	3	3	3	19 8 0	
	C	4	4	...	2	...	2	2	2	18 0 0	
Total ...		10	10	1	7	8	1	5	6	43 8 0	
Grand total ...		56	52	21	29	50	19	21	40	348 12 0	

5. The results were on the whole satisfactory, 50 pupils having passed out of 52 presented, 29 securing merit and 21 ordinary passes, earning a result grant of Rs. 348-12-0 against Rs. 176-12-0 in the preceding year,—a decided improvement over the previous year. The Carpentry and Blacksmith classes did best, and the Rattan-work classes fairly. Considering the fact that the models for the Metal-work classes were but recently introduced and that these classes had to work without the necessary tools, the results produced by this branch may also be said to be satisfactory. A good supply of tools have been indented for and will soon be received.

Ten pupils were not eligible for grant—one in Carpentry, five in Rattan-work, two in Blacksmithy and two in Metal-work; four owing to short attendance and six owing to their not having passed the requisite general education test.

6. As many of the students of the Industrial and Agricultural departments had to be discharged by the end of December 1893. The Sub-Assistant of the Madura Range was deputed to examine them for results grant in the general education subjects in December last. The subjoined table gives in detail the results of his examination:—

Department.	Standard.	Number on the rolls.	Number present for examination.	Number passed.			Number passed for grant.			Amount of grant earned.	Remarks.
				Merit.	Ordinary.	Total.	Merit.	Ordinary.	Total.		
Agricultural Department ...	II	2	2	...	2	2	...	2	2	Rs. A. P.	
Total ...		2	2	...	2	2	...	2	2		
Special Department ...	III	14	12	5	2	7	5	1	6		
Agricultural Department ...	III	5	5	2	1	3	2	1	3		
Total ...		19	17	7	3	10	7	2	9		
Industrial Department ...	IV	12	12	1	5	6	1	4	5		
Agricultural Department ...	IV	3	3	...	2	2	...	2	2		
Total ...		15	15	1	7	8	1	6	7	147 3 2	Five students were ineligible for grant owing to short attendance.
Industrial Department ...	I Form	17	15	...	8	8	...	5	5		
Agricultural Department ...	Do.	1	1	1	...	1	1	...	1		
Total ...		18	16	1	8	9	1	5	6		
Industrial Department ...	II Form	9	7	3	2	5	3	2	5		
Grand total ...		63	57	12	22	34	12	17	29		

7. The results were fair and compare most favourably with those of last year.

8. *Special class.*—There were three students in this class, and as these had, at the time of my inspection, been only four months in the institute, I simply saw them working. They were being prepared for the Lower examination in Industry and Drawing and will be sent up for that examination at the end of their course which is to extend over three years.

9. *Agricultural department.*—Eleven ryots' sons were presented for examination and they did pretty well. The crops on the land were tobacco, cholum, mochai, guinea-grass, vegetables, plantains and cotton. Paddy was reaped a few days before the inspection. The crops were all in a fair condition, but required a little more careful weeding. The Superintendent explains that the heavy rains that fell just before the inspection caused the weeds to grow fast and there was no time to clean the ground before my visit. The receipts during the nine months of the year were Rs. 85 against Rs. 53-15-3 for the whole of the previous year.

The results were satisfactory enough, but I still question the usefulness of this department under the present system. It must be made more practical, but being situated so far distant from the Training Institution makes it impossible for the Superintendent to exercise any effective supervision over it. The miserable nature of the soil is another difficulty.

The results of examination of this department in the literary subjects have been noticed along with those of the Industrial department.

10. *Training department.*—There were on the rolls 51 students (11 Lower Secondary and 40 Primary grade) against 59 in the previous year. The fall is mostly in the Lower Secondary department, for admission into which the required number of qualified teachers could not be secured. The Lower Secondary students were about to be discharged at the time of my inspection, and the Primary grade students had then been only five months in the institute. All the Lower Secondary grade students, with the exception of one,—a weaver—were Brahmins. In the Primary section 20 were Brahmins, 10 non-Brahmins, 7 Native Christians and three Muhammadans. Two of the 51 students were artisans.

All excepting eight at the Primary grade (who were admitted under Rule 15, Section VI. of the Madras Educational Rules, and who have all now appeared for the Primary School Examination) had passed the required general education tests prior to their admission in the school.

11. It will be seen from the marginal statement that the two zemindaris of the

Taluk or Zemindaries.	Lower Secondary section.	Primary section.
Madura ...	1+2 *	3+5 *
Melur ...	1	5
Dindigul ...	3	10+1 *
Periyakulam ...	...	1
Palni ...	1	1+1 *
Tirumangalam ...	...	2
Ramnad zemindari ...	3	4
Sivaganga do. ...	...	7

* Municipal students.

district are better represented than in the previous year. But Tirumangalam and Periyakulam taluks are just as poorly represented as formerly. The attention of the subordinate inspecting officers concerned will again be drawn to paragraph 11 of my last report on the institute.

All the students gave lessons before me in different subjects and their teaching was, on the whole, very fair. The defects noticed in my last report, especially in black-board exercises, were mostly rectified.

Instruction in Drawing, Mensuration and Agriculture was also given to the students; and such of the Primary grade students as had not passed the Fifth Standard examination were prepared for that test also. The results in all these subjects were very fair.

The Kindergarten specimens shown me were more numerous and of a better sort than those exhibited last year.

12. Ten of the teachers trained in 1892-93 were unemployed on the date of my inspection. Two of them have since been recommended for appointments in salary-results schools and three have opened schools of their own. Legal steps will be taken against the remaining five, should they fail to secure appointments in recognized schools or to open schools of their own before the close of the current year.

13. *Practising branch.*—This department continued to be as popular as ever and has increased in strength since the last inspection. The Assistant Inspector conducted the grant examination and the results were as given below:—

Standard.	Number of pupils on the rolls on the date of examination.	Number presented for examination.	Number passed.			Number passed for grant.			Amount of grant earned.
			Ordinary.	Merit.	Total.	Ordinary.	Merit.	Total.	
Infant	19	4	...	2	2	...	2	2	RS. A. P. 153 12 7
First	35	15	6	2	8	6	2	8	
Second	36	24	8	6	14	8	6	14	
Third	27	21	9	1	10	9	1	10	
Fourth	28	15	4	1	5	4	1	5	
Total	145	79	27	12	39	27	12	39	...

14. *Financial position.*—It is gathered from the annual returns that the total expenditure of the institute for 1893-94 amounted to Rs. 16,067-8-6; of this amount, Rs. 9,417-13-11 were met by receipts from Provincial and Municipal funds, and from the sale-proceeds of manufactured articles. Deducting from the apparent net cost of Rs. 6,649-10-7, Rs. 1,130-2-7, the value of materials, and Rs. 923-15-2, the value of finished articles in stock, the actual net cost to the Board will be Rs. 4,595-8-10 which is only about 28 per cent. of the total expenditure.

15. *Accommodation.*—I have to repeat my last year's remarks regarding this. The improvement suggested therein must be carried out if it is intended to make the institution efficient.

16. *General.*—The various account books, registers, &c., maintained in the institute were examined and found to be neatly and systematically kept.

The successful working of the institute is creditable to the Superintendent and his Assistants.

Introduction.—The Inspector's remarks are full and clear, and the Director has, therefore, not much to add to them. Mr. Logan should, however, have, as noticed in paragraph 4 of Proceedings, No. 12729, dated 18th November 1893, furnished and commented on the results obtained by the institution at the several public examinations held during 1893-94, the year for which the report has been submitted. Mr. Flanagan is requested to obtain and submit them in a tabular form, with any remarks that they may call for.

2. *Staff.*—The steps taken by the Superintendent, the Assistant Superintendent and the staff of instructors to improve their professional or technical qualifications are noted with satisfaction. As suggested by the Inspector, the instructors should pass the practical test for technical teachers' certificates. It should be reported whether any steps have been taken to secure the services of an additional agriculturist for the Agricultural class as required in Proceedings, No. 3335, dated 13th April 1894.

3. *Accommodation.*—No steps seem to have been taken to improve the accommodation and to erect a masonry latrine. These defects should be attended to without further delay.

4. *Strength and attendance.*—In the margin is compared the strength of the several departments of the institute at the past two inspections. The increase in the total strength would have been larger but for the decrease in the strength of the Training section. The number on the rolls of the special class is too small to justify its existence.

Department.	Number on the rolls during 1892-93.	Number on the rolls during 1893-94.
Training Section ...	59	51
Practising department ...	143	162
Industrial Branch ...	54	56
Special Class ...	...	3
Agricultural Class ...	11	11
	267	283

5. *Examinations—Training section.*—Seventeen students were presented for the Written Examination for Teachers' certificates of the lower secondary grade

during 1892-93, and 11 passed. These results did not compare favourably with those of the previous year. The results of the primary grade examination were even more unsatisfactory, only 15 having passed out of 55 examined. The Superintendent's explanation that students were presented for the latter examination for the first time that year and with insufficient notice cannot be accepted as exonerating the teachers from blame. The Inspector seems to have, on the whole, been favourably impressed with the teaching capacity of the last batch of students and with their black-board exercises.

Practising classes.—The results of the Primary Examination held during the year have not been reported. At the grant examination conducted by the Assistant Inspector, about 50 per cent. of the examinees passed for grant. Better results should have been secured, considering that only about 54 per cent. of the total number on the rolls were presented for that examination.

Industrial classes.—These classes acquitted themselves creditably at the Inspector's grant examination. Greater attention, however, should be paid to the Rattan and Metal work classes. Efficiency should on no account be sacrificed to superficiality. It would be a waste of public funds if each industry taught were not taught so as to enable the pupils to earn a living by adopting that trade in after-life. The figures relating to merit and ordinary passes given in paragraph 5 of the Inspector's letter seem to have been interchanged owing to some clerical error. The results of the Government Technical Examinations ranged from poor to excellent. The reasons assigned for the poor results in the Elementary Examination in Book-keeping and Commercial Correspondence cannot be considered altogether satisfactory. But the failure in the Elementary Examination in Mensuration has been satisfactorily explained.

The general education classes attached to this department showed fairly good results at the examination conducted by the Sub-Assistant Inspector, Madura Range, in December 1893, and also acquitted themselves satisfactorily at the Lower Secondary and Primary Examinations held during 1892-93.

Agricultural class.—The Inspector is not satisfied with the condition of this class. The instruction given should be more practical. The situation of the farm is no doubt a serious impediment to the proper working of this class. Mr. Walter Keess, the Acting Principal of the College of Agriculture, will be requested to report when he can conveniently inspect the farm and advise as to how the class may be worked with success. In the meantime, the class may continue to work on its present lines.

6. *General.*—It is satisfactory to note that all the students but five, who left the school during 1893, have secured employment as teachers. The Sub-Assistant Inspectors will see that the Tirumangalam and Periyakulam taluks are better

represented in the Training class. The Director endorses the opinion of Mr. Logan expressed in paragraph 16 of his letter as regards the efficient manner in which the Superintendent and his Assistants did their work during the year under report.

(A true Extract.)

(sd) J. Duncan

Director of Public Instruction.

To the Inspector of Schools, Southern Circle.

„ other Inspectors of Schools.

„ Inspectresses of Girls' Schools.

„ the Assistant Inspector of Schools, Sixth Division.

„ Principals, College of Agriculture and Engineering.

„ the Superintendent, Technical Institute, Madura.

„ „ School of Arts, Madras.

„ „ Reformatory School, Chingleput.

„ the Principal, Lawrence Asylum, Ootacamund.

Copy to Presidents, District Boards, Madura and Tinnevely,

„ the Collector of Madura,

„ Government, with C.L.,

(True copy)

J. Duncan

Director of Public Instruction.

} for information.

1895.
JANUARY.
PUBLIC INSTRUCTION,
MADRAS.

To THE INSPECTOR OF SCHOOLS,
SOUTHERN CIRCLE,
AND OTHERS.

Dated January, 15th.

Despatched

Received

15TH JANUARY 1895, No. 285.

Enclosures.

*Enclosure to No. 820
28.1.95*

Technical Institute, Madura.—Reviewing the Tabu-
lar Inspection report on the — for 1893-94.

When given for copying _____
When copied _____
When examined _____
When signed _____ } 189.

READ AGAIN G.O., No.
189 ,

DATED

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.