

Government of Madras.

EDUCATIONAL DEPARTMENT.

Order no.
page no. 16

Recd.

Regd.

} 1907.

Enclosures

Spare copies

19

G.O., No. 514, 8th August 1907.

School of Arts.

Recording proceedings of the Director of Public Instruction] reviewing the report on the working of the — for the year 1906-1907.

6.
10-1-06
Educational (1907) Department.

ORDINARY PRINTED.

G.O., No. 574

DATED 8. 8. 07



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(19)

[Despatch Abstract.]

School of Arts

Recording proceedings of the
DPD reviewing the report on the working
of the ——— for the year 1906-1907

BACK PAPERS.

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

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} 1907.

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G.O., No. 514, 8th August 1907.

N. P.

School of Arts.

Recording proceedings of the Director of Public Instruction, reviewing the report on the working of the — for the year 1906-1907.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT

Read—the following paper:—

Letter—from the Hon'ble Mr. T. T. LOGAN, B.A., Acting Director of Public Instruction.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 29th July 1907.
No.—C. 5502.

I have the honour to submit herewith a copy of my Proceedings Dis. No. 4619, dated 24th July 1907, reviewing the report on the working of the School of Arts for the official year 1906-1907.

ENCLOSURE.

Proceedings of the Director of Public Instruction, Dis. No. 4619, dated 24th July 1907.

Read—the following paper:—

Letter—from G. E. BRAND, Esq., Acting Superintendent, School of Arts.
To—the Director of Public Instruction (through the Inspector of Technical Schools, Madras).
Dated—the 11th May 1907.
No.—169.

I have the honour to submit the annual report of the School of Arts for the year 1906-1907.

2. *Staff*.—During my absence on privilege leave Mr. Chatterton held charge of the school in addition to other duties from June 21st to July 2nd and Mr. Velayudha Asari, Assistant Superintendent, from July 3rd until my return on September 21st.

J. A. Winfred, pupil teacher, who was also doing the duties of a clerk in the Port Trust office, was asked to resign the post in the School of Arts as it was no longer considered satisfactory for him to hold both appointments and his place was taken by C. R. Krishnaswami Aiyar.

P. Vedagiri Asari, I regret to state, died on the 12th of July. He was the senior teacher in point of service in the school and had held the post of pupil teacher (on the temporary establishment) on Rs. 15 per month for 22 years. He was a very able and reliable teacher and his death is a great loss to the institution. His place is filled by P. Narayanaswami Nayakar.

In the office establishment, Mr. V. Kesava Menon, Acting Head Clerk, was on leave on medical certificate from February 15th to August 14th, M. Seshadri Aiyangar acting for him. S. Anantanarayana Sastri, shorthand clerk sub. *pro tem*, obtained a permanent appointment elsewhere and was relieved on the afternoon of September 15th. Mr. R. Nagaswami Aiyar who was appointed in his place joined the appointment on November 19th.

3. *Strength and attendance—Drawing classes*.—The number of pupils on the rolls on the 31st March 1907 was 455 and the average during the year was 418 as compared with 449 and 375, respectively, of the previous year. Owing to inadequate accommodation and to an insufficiency of teachers many applicants were, as during the previous year, refused admission to these classes. In the evening classes there were 14 pupils on the rolls and the average attendance was 6 as against 9 and 6, respectively, of the previous year.

All pupils, except 17 teachers who attend from other institutions to learn drawing, paid fees which amounted during the year to Rs. 4,742 or Rs. 443 more than in the former year.

Industrial classes.—There were 102 paid and 55 unpaid apprentices in the various Industrial departments as compared with 115 and 101, respectively, in the previous year. The reduction in the number of paid apprentices was due to the allotment for stipends (which was reduced to Rs. 4,000 from Rs. 6,000 of the former year) being insufficient to provide for the award of new stipends in the place of those lapsing during the year. The decrease in the number of unpaid apprentices was due to a more rigorous application of the rule dismissing them for irregular attendance and to the closing of certain classes, which were overcrowded, to new admissions.

General education classes.—These classes in which English is the only subject taught are attended by apprentices at their own wish, and those who do so, escape from the more arduous task in the workshop for an hour daily. It is hardly necessary to state that the classes are very popular among the less energetic of the apprentices and among those who make a stipend for learning an industry a means of obtaining certificates in drawing. The number on the rolls during the year was 87 and the average attendance was 73. A proposal to abolish these classes has been approved, but definite orders have not yet been received.

Tables III, IV and V give detailed information regarding the classes of the community to which the pupils belong, their educational attainments, and the occupation of their parents.

4. *Examinations*.—The results of the various Government Technical examinations held in November and December 1906 are shown in Table VI. Three hundred candidates, as compared with 220 of the previous year, appeared for the numerous examinations and the percentage of passes fell from 74 of the previous year, which was unusually high, to 60 which is about the normal figure. The results are very good when they depend on the dexterity of the candidates to perform a specified task, such as drawing in freehand from copies and models, and in designing; but they are invariably bad in geometrical drawing, the questions of which are set in English.

The attainments in general education or, in the great majority of pupils, the absence of such attainments, are shown in Table IV; and so long as pupils without an English education are admitted to the school, instruction must necessarily be imparted through the medium of the vernaculars. It is not, therefore, surprising that the results of examinations, which depend on a knowledge of English, are invariably bad.

From the Industrial classes 22 candidates appeared for the various Government Technical examinations held in December 1906, of whom 16 or 73 per cent. passed, as against 47 candidates and 81 per cent. in the previous year.

In the Technical Teachers' Certificate Examinations 17 candidates appeared, of whom 9 passed, the figures for the previous year being 11 and 8 respectively.

5. *Passed students*.—Table VIII is the list of pupils who left the school and who have found employment during the year.

6. *Finance*.—The statements of the financial year are given in Tables IX and X. For the first time for many years the expenditure in the Industrial departments is included under the sub-head "supplies and services" of the school budget instead of separate sanctions for the Woodwork and Miscellaneous departments under "26. Scientific and Minor departments". The sum allotted for "Wages of workmen" and "Materials" was reduced to Rs. 6,000 from Rs. 32,100 of the previous year. The total cost of the School of Arts for the year was Rs. 31,810-0-7 as against Rupees 33,326-3-8 of the previous year. Consequent on the reduced allotment the sales and cash receipts, which are shown in Table XI, are much reduced.

7. *Industrial departments*.—The reduced sum provided for "Wages of workmen" and "Materials" was insufficient to complete ordered and partly made articles commenced before it was known that the allotments would be so much reduced. A subsequent redistribution of funds was, however, sanctioned to enable "artisans being employed on the ordered articles only and their being dismissed as the articles are completed". These instructions rendered useless the undistributed copies of the "Price list of carved furniture" which was published some months previously at the cost of about Rs. 2,400.

Woodwork department.—The work of this department, which had been growing from year to year as the excellence of the carved work turned out became known, was suddenly checked by the reduction of the grant and, later on, practically stopped by the instructions received to dismiss all artisans when the articles which were being made to order were completed. Advantage, however, was taken, before the skilled carvers separated, to reproduce in wood a large number of carvings from photographs of South Indian temples which, it is intended, should be used as models in the Design classes, the cost being met from the provision for "Furniture and Apparatus".

Metal work department.—In common with others the work of this department was much reduced and, by the end of the year, practically closed as far as paid labour is concerned. In future, the outturn will depend on the efforts of the maistries and apprentices and it is not likely to be of great merit as the apprentices have to leave the school as soon as they become proficient.

The work turned out during the year included some copper repousse panels intended to serve as specimens of the style of work done during recent years, and a bronze medallion of the late Raja of Parlákimedi cast from a model executed by Mr. Velayudha Asari, Assistant Superintendent.

Carpet-weaving department.—The proposal to close this department and hand all its appliances and materials to another institution has been sanctioned, but definite orders to do so have not been received. With its impending abolition and an insufficiency of funds, it is not surprising that the outturn was considerably less than in former years. The closing of this department will deprive the pupils of the Design class of the opportunity of seeing the practical application of colour-schemes and will confine their experience to class work; and will probably lead to a still further decline in the use of indigenous dye-stuffs as it is hardly to be expected that an institution, with which working at a profit must necessarily be a great consideration, will remain proof against the insidious influence of the cheaper and more easily used coal-tar dyes.

An effort is now being made, before the department is finally closed, to weave a few rugs and carpets to be preserved as specimens, as those hitherto made have all been sold.

8. *Library and museum.*—A considerable amount of time and trouble has been spent in bringing the library to a satisfactory condition. A large number of books have been rebound, the collection has been arranged, the book-cases altered to accommodate the books which differ greatly in size, and a catalogue has been prepared. The instructors and pupils of the Institution have now access to the large collection of excellent photographs, designs and charts which form the chief feature of the library.

The museum has been rearranged and the carpentry stores, which for many years have occupied a portion of it, have been removed elsewhere. A number of designs prepared in the Painting classes have been added to the collection.

It is a matter for regret that almost every article made during recent years has been offered for sale, with the natural result that those now in stock do not by any means represent the best endeavours of the school.

9. *Furniture and apparatus.*—During the year a large drawing class room was provided with polished plaster drawing surfaces for free-arm drawing, and a number of benches and desks were added to the furniture.

In order to preserve the designs, a number of photographic enlargements of the more artistic of the articles made during recent years was purchased, coloured and framed. They form a valuable addition to the models for the Design classes and add to the attractiveness of the museum.

As mentioned in connection with the Woodwork department, a number of designs adapted from the photographs of South Indian temples in the library, photographs of which are annexed to this report, has been carved in wood. The patterns selected are all narrow, running designs from 1" to 5" broad and they form the nucleus of a collection, which, if extended to include the excellent panels, corbels, brackets, etc., so numerous in the various temples, would, in a few years, provide the School of Arts with the best and most desirable features of Dravidian Art; and would also

provide ideas for the preparation of copies and designs to be used in the drawing classes and thus render the institution one of a purely indigenous character and make it independent of the drawing copies, etc., which are at present received from Europe. The photographs in the library, although excellent, do not sufficiently show details to carry out this idea and some of the less accessible temples are omitted from the collection. It would, therefore, be necessary for parties of pupils to visit the various temples from time to time and, by means of sketches, photographs and plaster casts, obtain the necessary materials for their reproduction in the school.

10. *General remarks.*—With the proposals for the reorganisation of the school still under the consideration of Government, endeavours have been directed during the year to improve the library, museum, furniture and apparatus as representing the more permanent features of the school, rather than to improve the system of teaching now in force in the Industrial and Art classes.

The Industrial classes are badly in need of a more efficient method of teaching to ensure that due attention is paid to the more dilatory of the apprentices.

The Art classes were conducted, as usual, under the able management of Mr. Velayudha Asari, Assistant Superintendent, and when it is considered that most of the teachers at his disposal are on the temporary establishment, having their services extended year by year (in the past year for periods of six months at a time) in some cases for as long as 18 years without any increase of pay, it is surprising that the results are as good as they are. All the teachers have to devote their whole time and attention to preparing pupils to pass examinations for which there are no less than 32 papers in Drawing and Painting. In many of the subjects the skill of a pupil could be infinitely better ascertained from an inspection of his class work and some could, with advantage, be altogether omitted especially the paper in Freehand Outline Drawing, Advanced Grade, which in the recent examination contained questions concerning

"Adductor pollicis, abductor pollicis, flexor brevis, pollicis, abductor minimi digiti, adductor minimi digiti, sartorius, gastracnemius, latissimus dorsi, rectus femoris, pronation, supination."

TABLE I.—Strength of each of the Drawing classes.

Division.	Class.	Number on the roll on the 31st March 1906.	Average number on the roll during the year 1905-1906.	Number on the roll on the 31st March 1907.	Average number on the roll during the year 1906-1907.
I	Pre-Elementary	233	190	180	207
	Elementary	80	77	117	82
	Group certificate	83	65	104	77
	Advanced	39	33	38	42
II	Special Painting	14	10	16	10
Total ..		449	375	455	418

TABLE II.—Strength of each of the Industrial classes.

Department.	1905-1906.			1906-1907.		
	Paid apprentices.	Unpaid apprentices.	Total.	Paid apprentices.	Unpaid apprentices.	Total.
Wood work	51	19	70	45	9	54
Metal work	19	11	30	17	8	25
Lacquer work	18	29	47	12	12	24
Jewellers' work	4	3	7	4	5	9
Carpet-weaving	4	1	5	4	..	4
Modelling	8	4	12	10	1	11
Engraving	11	34	45	10	20	30
Total ..	115	101	216	102	55	157

TABLE III.—Classification of the pupils according to the class of the community to which they belong.

Class of community.	31st March 1906.			31st March 1907.		
	Males.	Females.	Total.	Males.	Females.	Total.
Europeans and Eurasians	4	15	19	12	14	26
Native Christians	35	..	35	46	2	48
Muhammadans	18	..	18	17	..	17
Brahmans	18	..	18	14	..	14
Non-Brahman caste Hindus	354	..	354	341	3	344
Panchamas	5	..	5	6	..	6
Total ..	434	15	449	436	19	455

TABLE IV.—Classification of the pupils according to their attainments in general education.

	1905-1906 students.	1906-1907 students.
B.A. examination	4	..
F.A. do.	3	..
Matriculation examination	7	3
Lower secondary examination	18	36
Primary examination	21	36
Unpassed	396	380
Total ..	449	455

TABLE V.—Classification of the pupils in the Industrial classes according to the occupation of parents.

Department.	Officials.	Inferior servants.	Traders.	Landholders.	Artisans.	Coolies.	Mendicants.	Others.	Total.
Wood-work	8	9	8	5	20	4	..	..	54
Carpet-weaving	..	..	1	..	3	..	..	..	4
Metal-work	..	6	..	3	12	4	..	..	25
Jewellers' work	..	..	2	3	4	..	..	..	9
Modelling	..	1	2	1	6	1	..	..	11
Engraving	4	10	3	2	7	4	..	..	30
Painting and lacquer work	2	2	4	3	13	..	..	..	24
Total ..	14	28	20	17	65	13	..	..	157

TABLE VI.—Results of the various Government Technical examinations held in November and December 1906.

Subjects.	Grade.	1905-1906.		1906-1907.	
		Number appeared.	Number passed.	Number appeared.	Number passed.
Freehand outline drawing ..	Elementary	51	44	69	49
	Intermediate	36	32	42	35
	Advanced	13	10	14	10
Geometrical drawing	Elementary	24	2	34	6
	Intermediate	10	4	18	8
	Advanced	10	6	16	8
Design	Elementary	17	14	24	15
	Intermediate	8	6	18	11
	Advanced	1	1	..	..
Painting	Elementary	17	14	30	20
	Intermediate	17	16	17	14
	Advanced	2	2	2	2
Modelling	Elementary	5	4	5	4
	Intermediate	2	2	2	2
	Advanced	1	1	..	..
Wood engraving	Elementary	2	2	6	5
	Intermediate	..	..	1	..
	Advanced	2	1	2	2
Copper-plate engraving	Elementary	2	2	..	..
	Intermediate	..	..	..	..
	Advanced	2	2	..	..
Total ..		220	163	300	191
Cabinet-making	Elementary	15	10	5	4
	Intermediate	5	4	8	6
	Advanced	5	5	..	..
Metal-work	Elementary	6	6	3	2
	Intermediate	5	5	3	1
	Advanced	1	1	..	..
Jewellers' work	Elementary	6	4	2	2
	Intermediate	..	..	..	..
	Advanced	..	..	..	..
Carpet-weaving	Elementary	3	2	1	1
	Intermediate	1	1	..	..
	Advanced	..	..	..	..
Total ..		47	38	22	16

TABLE VII.—Technical Teachers' Certificate Examination—1906.

Subjects.	1905-1906.		1906-1907.	
	Number appeared.	Number passed.	Number appeared.	Number passed.
Metal-work	1	1	1	1
Freehand outline drawing ..	Elementary	4	5	2
	Intermediate	3	10	5
Cabinet-making	Elementary	3	..	..
	Advanced	..	1	1
Total ..		11	8	9

TABLE VIII.—List of students who left the school and who are employed.

Name.	Highest examinations passed.	Period spent in the school.	Present employment.	Salary.
		YEARS.		RS.
1. J. S. Rajanayakam	Freehand drawing .. Intermediate Painting .. Elementary Design .. Do. Cabinet-making .. Advanced Technical Teachers' Certificate examination in Cabinet-making and Freehand drawing. .. Elementary	7	Carpentry maistry at Attangal, Travancore.	30
2. Nagalingam	Metal Work .. Elementary	1	Cooly, Indian Aluminium Company, Triplicane.	Not known.
3. C. Balasundaram	Freehand drawing .. Intermediate Painting .. Elementary Cabinet-making .. Advanced	9	Wood carver, Messrs. Rigby & Co., Madras.	15
4. M. Gangathara Mudali.	Freehand drawing .. Do. Geometrical drawing .. Do. Design .. Intermediate Painting .. Elementary	4	Draughtsman, Gun Carriage Factory, Madras.	15
5. M. Rangapathi Nayudu.	Group certificate. Design .. Advanced Painting .. Intermediate	7	Designer, Messrs. Wiele and Klein, Madras.	15
6. P. Jagannadha Mudali.	Group certificate. Freehand drawing .. Advanced Engraving .. Do.	9	Engraver, "India" Office, Madras.	15
7. A. Bhaktavatsulu.	Freehand drawing .. Intermediate Design .. Elementary	3	Tracer, Survey office, Madras.	15

TABLE IX.—Statement of receipts and charges of the School of Arts, Madras, 1906-1907.

Receipts.	Amount.	Amount.	Charges.	Amount.	Amount.
	RS. A. P.	RS. A. P.		RS. A. P.	RS. A. P.
Drawing class fees	4,742 0 0		Salaries.		
Sale-proceeds	9,626 13 0	14,368 13 0	Superintendent	6,375 0 0	
			Assistant Superintendent ..	4,457 2 0	
			Permanent establishment ..	4,063 10 2	
			Temporary Do.	7,801 11 0	
			Scholarships	1,751 0 9	
					24,448 7 11
			Supplies and Services.		
			Stipends	4,594 14 6	
			Furniture and apparatus ..	988 0 0	
			Purchase of books	299 5 0	
			Wages of workmen	4,309 4 11	
			Materials	3,403 7 9	
			Tools and plant	337 11 6	
					13,932 11 8
			Contingencies.		
			Postage charges	115 1 0	
			Telegraph charges	2 10 0	
			Telephone do.	200 0 0	
			Rents, rates and taxes ..	1,143 12 0	
			Repairs to furniture	576 10 5	
			Office expenses and other contingencies.	1,113 10 5	
			Net charges of the Industrial Department from table X.		3,151 11 10
Total cost of the School of Arts for the year 1906-1907.		31,810 0 7			4,645 14 2
Total		46,178 13 7	Total		46,178 13 7

TABLE X.—Statement of assets and liabilities, Industrial departments—1906-1907.

Assets.	Liabilities.
Receipts	RS. A. P. RS. A. P.
Sundry debtors	8,050 8 2
Stock of manufactured articles on 31st March 1907	1,741 10 0
Stock of unfinished articles on 31st March 1907	12,877 12 0
Stock of materials on 31st March 1907	2,107 8 0
Value of tools and plant on 31st March 1907	7,941 0 0
	3,450 0 0
	31,522 8 0
Net charges	*4,645 14 2
Total	36,168 6 2

* This includes the sum of Rs. 757-7-0 bad debt written off.

TABLE XI.—Receipts and sales.

Departments.	Receipts.	Sales.
	1905-1906. 1906-1907.	1905-1906. 1906-1907.
	RS. A. P. RS. A. P.	RS. A. P. RS. A. P.
Wood-work	16,212 8 6	15,206 15 9
Carpet-weaving	1,657 6 11	1,731 14 8
Metal and jeweller work	7,398 14 4	7,212 5 10
Modelling	774 4 3	744 1 3
Lacquer, Engraving, Drawing and Miscellaneous Department	138 0 0	268 5 0
Total	26,181 2 0	25,163 10 6

No. 384 I., dated 30th May 1907.

Submitted to the Director of Public Instruction.

A. CHATTERTON,
Inspector of Technical Schools.

Proceedings Dis. No. 4619, dated 24th July 1907.

Recorded.

2. Good work continued to be done by the school during the year. The Superintendent's explanation for the decrease in the strength of the industrial classes is noted.

3. As regards paragraph 3 of the report respecting the proposal to abolish the general education classes the Superintendent's attention is drawn to Proceedings Dis. No. 1121, dated 26th February 1906, from which it will be observed that the scheme of reorganization of the school which included the above question has been deferred under the orders of Government pending the appointment of a new Superintendent.

4. Improvements were made to the library, museum, furniture and apparatus.

(True Extract.)

T. T. LOGAN,
Ag. Director of Public Instruction.

To the Inspector of Technical Schools.
" Superintendent, School of Arts.
" Inspectors of Schools including Inspector of
European and Training Schools.
" Inspectresses of Girls' Schools.
" Principals of Colleges.
" Managers of Industrial Schools.
" Government (with C.L.).

Order—No. 514, Educational, dated 8th August 1907.

Recorded.

(True Extract.)

H. D. TAYLOR,
Ag. Secretary to Government.

To the Director of Public Instruction.
Editors' Table.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 514, EDUCATIONAL, DATED
8TH AUGUST 1907.

[*Report on the working of the School of Arts during 1906-1907.*]

From the Director of Public Instruction, dated 29th July 1907, No. 5502.

The report seems to call for no remarks. The reorganization of the school has been deferred pending the appointment of a Superintendent—*vide* G.O., No. 78, Educational, dated 10th February 1906. The Secretary of State has been addressed regarding the selection of a person for the post of Superintendent—*vide* G.O., No. 580, Educational, dated 1st September 1906. But no one has yet been appointed. A telegram on the subject was sent to the Secretary of State on the 29th July 1907.

2. A draft order recording the report is placed below for approval.

3. The report is usually marked for Editors' Table.

T.K.—3-8-07.

K. RANGASWAMI AIYANGAR—3-8-07.

C. A. SOUTHER—5-8-07.

H. D. TAYLOR—6-8-07.

Less than 4 per cent. of the students are Brahmans.

G. S. F[ORBES]—7-8-07.

Issue.

H. D. TAYLOR—8-8-07.

[G.O., No. 514, Educational, dated 8th August 1907.]

CURRENT FILE.

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EDUCATIONAL DEPARTMENT.



Received 30 JUL 1907 1907, Registered 30771 1907

Subject.

Submitting copy of Proceedings Dis. No. 4619 dated 24th July 1907, reviewing the report on the working of the School of Arts for the official year 1906-07.

ENCLOSURES.

No. _____

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C No. 5502 of '07

Station Madras, Dated the 29th July 1907.

From (Name) The Hon'ble Mr. T.T. LOGAN, P.A.,

(Designation) Ag. Director of Public Instruction.

To the Secretary to the Government of Madras,
Educational Department

Sir,

I have the honour to submit herewith a copy of my Proceedings Dis. No. 4619 dated 24th July 1907 reviewing the report on the working of the School of Arts for the official year 1906-07.

I have the honour to be,

Sir,

Your most obedient servant,

C. G. L. H. H. H.

For Director of Public Instruction.

R.S.
29.1.07
K.P.D.

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Proceedings of the Director of Public Instruction.

Dis. No. 4619, 24th July 1907.

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School of Arts, Madras.—Reviewing the report on the working of the — for the official year 1906-1907.

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Dis. No. 4619.

PROCEEDINGS OF THE DIRECTOR OF PUBLIC INSTRUCTION, dated 24th July 1907.

Annual Report of the School of Arts.

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J. A. Winfred, pupil teacher, who was also doing the duties of a clerk in the Port Trust office, was asked to resign the post in the School of Arts as it was no longer considered satisfactory for him to hold both appointments and his place was taken by C. R. Krishnaswami Aiyar.

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All pupils, except 17 teachers who attend from other institutions to learn drawing, paid fees which amounted during the year to Rs. 4,742 or Rs. 443 more than in the former year.

Industrial classes.—There were 102 paid and 55 unpaid apprentices in the various Industrial departments as compared with 115 and 101, respectively, in the previous year. The reduction in the number of paid apprentices was due to the allotment for stipends (which was reduced to Rs. 4,000 from Rs. 6,000 of the former year) being insufficient to provide for the award of new stipends in the place of those lapsing during the year. The decrease in the number of unpaid apprentices was due to a more rigorous application of the rule dismissing them for irregular attendance and to the closing of certain classes, which were overcrowded, to new admissions.

General education classes.—These classes in which English is the only subject taught are attended by apprentices at their own wish, and those who do so, escape from the more arduous task in the workshop for an hour daily. It is hardly necessary to state that the classes are very popular among the less energetic of the apprentices and among those who make a stipend for learning an industry a means of obtaining certificates in drawing. The number on the rolls during the year was 87 and the average attendance was 73. A proposal to abolish these classes has been approved, but definite orders have not yet been received.

Tables III, IV and V give detailed information regarding the classes of the community to which the pupils belong, their educational attainments, and the occupation of their parents.

4. *Examinations.*—The results of the various Government Technical examinations held in November and December 1906 are shown in Table VI. Three hundred candidates, as compared with 220 of the previous year, appeared for the numerous examinations and the percentage of passes fell from 74 of the previous year, which was unusually high, to 61 which is about the normal figure. The results are very good when they depend on the dexterity of the candidates to perform a specified task, such as drawing in freehand from copies and models, and in designing; but they are invariably bad in geometrical drawing, the questions of which are set in English.

The attainments in general education or, in the great majority of pupils, the absence of such attainments, are shown in Table IV; and so long as pupils without an English education are admitted to the school, instruction must necessarily be imparted through the medium of the vernaculars. It is not, therefore, surprising that the results of examinations, which depend on a knowledge of English, are invariably bad.

From the Industrial classes 22 candidates appeared for the various Government Technical examinations held in December 1906, of whom 16 or 73 per cent. passed, as against 47 candidates and 81 per cent in the previous year.

In the Technical Teachers' Certificate Examinations 17 candidates appeared, of whom 9 passed, the figures for the previous year being 11 and 8 respectively.

5. *Passed students.*—Table VIII is the list of pupils who left the school and who have found employment during the year.

6. *Finance.*—The statements of the financial year are given in Tables IX and X. For the first time for many years the expenditure in the Industrial departments is included under the sub-head "supplies and services" of the school budget instead of separate sanctions for the Woodwork and Miscellaneous departments under "26. Scientific and Minor departments". The sum allotted for "Wages of workmen" and "Materials" was reduced to Rs. 6,000 from Rs. 32,100 of the previous year. The total cost of the School of Arts for the year was Rs. 31,810-0-7 as against Rupees 33,326-3-8 of the previous year. Consequent on the reduced allotment the sales and cash receipts, which are shown in Table XI, are much reduced.

7. *Industrial departments.*—The reduced sum provided for "Wages of workmen" and "Materials" was insufficient to complete ordered and partly made articles commenced before it was known that the allotments would be so much reduced. A subsequent redistribution of funds was, however, sanctioned to enable "artisans being employed on the ordered articles only and their being dismissed as the articles are completed". These instructions rendered useless the undistributed copies of the "Price list of carved furniture" which was published some months previously at the cost of about Rs. 2,400.

Woodwork department.—The work of this department, which had been growing from year to year as the excellence of the carved work turned out became known, was suddenly checked by the reduction of the grant and, later on, practically stopped by the instructions received to dismiss all artisans when the articles which were being made to order were completed. Advantage, however, was taken, before the skilled carvers separated, to reproduce in wood a large number of carvings from photographs of South Indian temples which, it is intended, should be used as models in the Design classes, the cost being met from the provision for "Furniture and Apparatus".

Metal work department.—In common with others the work of this department was much reduced and, by the end of the year, practically closed as far as paid labour is concerned. In future, the outturn will depend on the efforts of the maistries and apprentices and it is not likely to be of great merit as the apprentices have to leave the school as soon as they become proficient.

The work turned out during the year included some copper repousse panels intended to serve as specimens of the style of work done during recent years, and a bronze medallion of the late Raja of Parlákimedi cast from a model executed by Mr. Velayudha Asari, Assistant Superintendent.

Carpet-weaving department.—The proposal to close this department and hand all its appliances and materials to another institution has been sanctioned, but definite orders to do so have not been received. With its impending abolition and an insufficiency of funds, it is not surprising that the outturn was considerably less than in former years. The closing of this department will deprive the pupils of the Design class of the opportunity of seeing the practical application of colour-schemes and will confine their experience to class work; and will probably lead to a still further decline in the use of indigenous dye-stuffs as it is hardly to be expected that an institution, with which working at a profit must necessarily be a great consideration, will remain proof against the insidious influence of the cheaper and more easily used coal-tar dyes.

An effort is now being made, before the department is finally closed, to weave a few rugs and carpets to be preserved as specimens, as those hitherto made have all been sold.

8 *Library and museum.*—A considerable amount of time and trouble has been spent in bringing the library to a satisfactory condition. A large number of books have been rebound, the collection has been arranged, the book-cases altered to accommodate the books which differ greatly in size, and a catalogue has been prepared. The instructors and pupils of the Institution have now access to the large collection of excellent photographs, designs and charts which form the chief feature of the library.

The museum has been rearranged and the carpentry stores, which for many years have occupied a portion of it, have been removed elsewhere. A number of designs prepared in the Painting classes have been added to the collection.

It is a matter for regret that almost every article made during recent years has been offered for sale, with the natural result that those now in stock do not by any means represent the best endeavours of the school.

9. *Furniture and apparatus.*—During the year a large drawing class room was provided with polished plaster drawing surfaces for free-arm drawing, and a number of benches and desks were added to the furniture.

In order to preserve the designs, a number of photographic enlargements of the more artistic of the articles made during recent years was purchased, coloured and framed. They form a valuable addition to the models for the Design classes and add to the attractiveness of the museum.

As mentioned in connection with the Woodwork department, a number of designs adapted from the photographs of South Indian temples in the library, photographs of which are annexed to this report, has been carved in wood. The patterns selected are all narrow, running designs from 1" to 5" broad and they form the nucleus of a collection, which, if extended to include the excellent panels, corbels, brackets, etc., so numerous in the various temples, would, in a few years, provide the School of Arts with the best and most desirable features of Dravidian Art; and would also provide ideas for the preparation of copies and designs to be used in the drawing classes and thus render the institution one of a purely indigenous character and make it independent of the drawing copies, etc., which are at present received from Europe. The photographs in the library, although excellent, do not sufficiently show details to carry out this idea and some of the less accessible temples are omitted from the collection. It would, therefore, be necessary for parties of pupils to visit the various temples from time to time and, by means of sketches, photographs and plaster casts, obtain the necessary materials for their reproduction in the school.

10. *General remarks.*—With the proposals for the reorganisation of the school still under the consideration of Government, endeavours have been directed during the year to improve the library, museum, furniture and apparatus as representing the more permanent features of the school, rather than to improve the system of teaching now in force in the Industrial and Art classes.

The Industrial classes are badly in need of a more efficient method of teaching to ensure that due attention is paid to the more dilatory of the apprentices.

The Art classes were conducted, as usual, under the able management of Mr. Velayudha Asari, Assistant Superintendent, and when it is considered that most of the teachers at his disposal are on the temporary establishment, having their services extended year by year (in the past year for periods of six months at a time) in some cases for as long as 18 years without any increase of pay, it is surprising that the results are as good as they are. All the teachers have to devote their whole time and attention to preparing pupils to pass examinations for which there are no less than 32 papers in Drawing and Painting. In many of the subjects the skill of a pupil could be infinitely better ascertained from an inspection of his class work and some could, with advantage, be altogether omitted especially the paper in Freehand Outline Drawing, Advanced Grade, which in the recent examination contained questions concerning

“Adductor pollicis, abductor pollicis, flexor brevis, pollicis, abductor minimi digiti, adductor minimi digiti, sartorius, gastracnemius, latissimus dorsi, rectus femoris, pronation, supination.”

Answer who the Examiners was.

TABLE I.—Strength of each of the Drawing classes.

Division.	Class.	Number on the roll on the 31st March 1906.	Average number on the roll during the year 1905-1906.	Number on the roll on the 31st March 1907.	Average number on the roll during the year 1906-1907.
I	Pre-Elementary ..	233	190	180	207
	Elementary ..	80	77	117	82
	Group certificate ..	83	65	104	77
	Advanced ..	39	33	38	42
II	Special Painting ..	14	10	16	10
Total ..		449	375	455	418

TABLE II.—Strength of each of the Industrial classes.

Department.	1905-1906.			1906-1907.		
	Paid apprentices.	Unpaid apprentices.	Total.	Paid apprentices.	Unpaid apprentices.	Total.
Wood work ..	51	19	70	45	9	54
Metal work ..	19	11	30	17	8	25
Lacquer work ..	18	29	47	12	12	24
Jewellers' work ..	4	3	7	4	5	9
Carpet-weaving ..	4	1	5	4	..	4
Modelling ..	8	4	12	10	1	11
Engraving ..	11	34	45	10	20	30
Total ..	115	101	216	102	55	157

TABLE III.—Classification of the pupils according to the class of the community to which they belong.

Class of community.	31st March 1906.			31st March 1907.		
	Males.	Females.	Total.	Males.	Females.	Total.
Europeans and Eurasians	4	15	19	12	14	26
Native Christians	35	..	35	46	2	48
Muhammadans	18	..	18	17	..	17
Brahmans	18	..	18	14	..	14
Non-Brahman caste Hindus	354	..	354	341	3	344
Panchamas	5	..	5	6	..	6
Total	434	15	449	436	19	455

TABLE IV.—Classification of the pupils according to their attainments in general education.

	1905-1906 students.	1906-1907 students.
B.A. examination	4	..
F.A. do.	3	..
Matriculation examination	7	3
Lower secondary examination	18	36
Primary examination	21	36
Unpassed	396	380
Total	449	455

TABLE V.—Classification of the pupils in the Industrial classes according to the occupation of parents.

Department.	Officials.	Inferior servants.	Traders.	Landholders.	Artisans.	Coolies.	Mendicants.	Others.	Total.
Wood-work	8	9	8	5	20	4	..	..	54
Carpet-weaving	..	..	1	..	3	..	..	..	4
Metal-work	..	6	..	3	12	4	..	..	25
Jewellers' work	..	..	2	3	4	..	..	..	9
Modelling	..	1	2	..	6	1	..	..	11
Engraving	4	10	3	2	7	4	..	..	30
Painting and lacquer work	2	2	4	3	13	..	..	..	24
Total	14	28	20	17	65	13	..	..	157

TABLE VI.—Results of the various Government Technical examinations held in November and December 1906.

Subjects.	Grade.	1905-1906.		1906-1907.	
		Number appeared.	Number passed.	Number appeared.	Number passed.
Freehand outline drawing	Elementary	51	44	69	49
	Intermediate	36	32	42	35
	Advanced	13	10	14	10
Geometrical drawing	Elementary	24	2	34	6
	Intermediate	10	4	18	8
	Advanced	10	6	16	8
Design	Elementary	17	14	24	15
	Intermediate	8	6	18	11
	Advanced	1	1	..	..
Painting	Elementary	17	14	30	20
	Intermediate	17	16	17	14
	Advanced	2	2	2	2
Modelling	Elementary	5	4	5	4
	Intermediate	2	2	2	2
	Advanced	1	1	..	..
Wood engraving	Intermediate	2	2	6	5
	Advanced	..	..	1	..
	Intermediate	2	1	2	2
Copper-plate engraving	Advanced	2	2	..	..
		..	..	..	..
		..	..	..	..
Total		220	163	300	191
Cabinet-making	Elementary	15	10	5	4
	Intermediate	5	4	8	6
	Advanced	5	5	..	..
Metal-work	Elementary	6	6	3	2
	Intermediate	5	5	3	1
	Advanced	1	1	..	..
Jewellers' work	Elementary	6	4	2	2
	Intermediate	..	..	..	..
	Advanced	3	2	1	1
Carpet-weaving	Elementary	1	1	..	..
	Intermediate	..	..	..	..
	Advanced	..	..	..	..
Total		47	38	22	16

TABLE VII.—Technical Teachers' Certificate Examination—1906.

Subjects.	1905-1906.		1906-1907.	
	Number appeared.	Number passed.	Number appeared.	Number passed.
Metal-work	1	1	1	1
Freehand outline drawing	Elementary	4	2	5
	Intermediate	3	2	10
Cabinet-making	Elementary	3	3	..
	Advanced	..	..	1
Total		11	8	17

TABLE VIII.—List of students who left the school and who are employed.

Name.	Highest examinations passed.	Period spent in the school.	Present employment.	Salary.
		YEARS.		RS.
1. J. S. Rajanayakam	Freehand drawing .. Intermediate Painting .. Elementary Design .. Do. Cabinet-making .. Advanced Technical Teachers' Certificate examination in Cabinet-making and Freehand drawing. .. Elementary	7	Carpentry maistry at Attangal, Travancore.	30
2. Nagalingam	Metal Work .. Elementary	1	Cooly, Indian Aluminium Company, Triplicane.	Not known.
3. C. Balasundaram	Freehand drawing .. Intermediate Painting .. Elementary Cabinet-making .. Advanced	9	Wood carver, Messrs. Rigby & Co., Madras.	15
4. M. Gangathara Mudali.	Freehand drawing .. Do. Geometrical drawing .. Do. Design .. Intermediate Painting .. Elementary	4	Draughtsman, Gun Carriage Factory, Madras.	15
5. M. Rangapathi Nayudu.	Group certificate. Design .. Advanced Painting .. Intermediate	7	Designer, Messrs. Wiele and Klein, Madras.	15
6. P. Jagannadha Mudali.	Group certificate. Freehand drawing .. Advanced Engraving .. Do.	9	Engraver, "India" Office, Madras.	15
7. A. Bhaktavatsulu.	Freehand drawing .. Intermediate Design .. Elementary	3	Tracer, Survey office, Madras.	15

TABLE IX.—Statement of receipts and charges of the School of Arts, Madras, 1906-1907.

Receipts.	Amount.	Amount.	Charges.	Amount.	Amount.
	RS. A. P.	RS. A. P.		RS. A. P.	RS. A. P.
Drawing class fees	4,742 0 0		Salaries.		
Sale-proceeds	9,626 13 0	14,368 13 0	Superintendent ..	6,375 0 0	
			Assistant Superintendent ..	4,457 2 0	
			Permanent establishment ..	4,063 10 2	
			Temporary Do. ..	7,801 11 0	
			Scholarships ..	1,751 0 9	
					24,448 7 11
			Supplies and Services.		
			Stipends ..	4,594 14 6	
			Furniture and apparatus ..	988 0 0	
			Purchase of books ..	299 5 0	
			Wages of workmen ..	4,309 4 11	
			Materials ..	3,403 7 9	
			Tools and plant ..	337 11 6	
					13,932 11 8
			Contingencies.		
			Postage charges ..	115 1 0	
			Telegraph charges ..	2 10 0	
			Telephone do. ..	200 0 0	
			Rents, rates and taxes ..	1,143 12 0	
			Repairs to furniture ..	576 10 5	
			Office expenses and other contingencies.	1,113 10 5	
Total cost of the School of Arts for the year 1906-1907.		31,810 0 7	Net charges of the Industrial Department from table X.		3,151 11 10
					4,645 14 2
Total		46,178 13 7	Total		46,178 13 7

TABLE X.—Statement of assets and liabilities, Industrial departments—1906-1907.

Assets.	Liabilities.
Receipts ..	RS. A. P.
Sundry debtors ..	8,050 8 2
Stock of manufactured articles on 31st March 1907 ..	1,741 10 0
Stock of unfinished articles on 31st March 1907 ..	12,877 12 0
Stock of materials on 31st March 1907 ..	2,107 8 0
Value of tools and plant on 31st March 1907 ..	7,941 0 0
	3,450 0 0
	31,522 8 0
Net charges ..	* 4,645 14 2
Total ..	36,168 6 2

* This includes the sum of Rs. 757-7-0 bad debt written off.

TABLE XI.—Receipts and sales.

Departments.	Receipts.	Sales.
	1905-1906.	1906-1907.
	RS. A. P.	RS. A. P.
Wood-work ..	16,212 8 6	15,206 15 9
Carpet-weaving ..	1,657 6 11	1,731 14 8
Metal and jeweller work ..	7,398 14 4	7,212 5 10
Modelling ..	774 4 3	744 1 3
Lacquer, Engraving, Drawing and Miscellaneous Department ..	138 0 0	268 5 0
Total ..	26,181 2 0	25,163 10 6

No. 384 I., dated 30th May 1907.

Submitted to the Director of Public Instruction.

(Signed)

A. CHATTERTON,
Inspector of Technical Schools.

Proceedings Dis. No. 4619 of 1907.

Recorded.

2. Good work continued to be done by the school during the year. The Superintendent's explanation for the decrease in the strength of the industrial classes is noted.

10

3. As regards paragraph 3 of the report respecting the proposal to abolish the general education classes the Superintendent's attention is drawn to Proceedings Dis. No. 1121, dated 26th February 1906, from which it will be observed that the scheme of reorganization of the school which included the above question has been deferred under the orders of Government pending the appointment of a new Superintendent.

4. Improvements were made to the library, museum, furniture and apparatus.

(Signed) T. T. LOGAN,
Ag. Director of Public Instruction.

(True Copy.)

O. Buchanan
for Director of Public Instruction.

To the Inspector of Technical Schools.
" Superintendent, School of Arts.
" Inspectors of Schools including Inspector of
European and Training Schools.
" Inspectresses of Girls' Schools.
" Principals of Colleges.
" Managers of Industrial Schools.
" Government (with C.L.).

NOTES.

C.No. 1820 From the D.P. 9.

No. 5502, dated 29-7-1907.

SUBJECT.

Report on the working of the School of arts
during 1906-07.

N

V

The report seems to call for no remarks.
The reorganization of the School has been deferred
pending the appointment of a Supdt - vide G.O.
no. 78 Edl dated 10th Feb. 1906. The Secretary of
State has been addressed regarding the selection of
a person for the post of Supdt - vide G.O. no.
580 Edl dated 1st Sept. 1906. But no one has
yet been appointed. A telegram on the subject
was sent to the Secy of State on the 29th July 1907.

2. A draft order recording the report is placed
below for approval.

3. The report is usually marked for E.T.

7/4
38-07

80
38-07

For Et.

14/4

Sec

Chd

5.8.7.

Less 11000 4 90 of the total
Students fee 6.00

88 07

READ ALSO:—

No. ⁵¹⁴~~1820~~ dated 8 - 8 - 1907

P. S.

Recorded.

Chd
5.8.7.

7K.
3-8-07

3.8.07

102
600

Best 8/8

The D.P. 1

Editors' Table.

First copy sent to Press.

Returned for signature.

Despatched in print.

READ AGAIN G.O., No.
190

DATED

CURRENT No.

1820 A

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

A
Notes A

LETTER TO GOVERNMENT

STATEMENT WITH DITO.

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IN ORIGINAL

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- Q = Print heading only.

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