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# MADRAS RECORD OFFICE

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## GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No. 642 Press
~~B.P. No.~~ ~~Mis.~~

Dated 18-5-1876 ~~196~~ .

*Not to be folded or roughly handled*

## *Proceedings of the Madras Government, Revenue Department,*
## *18th May 1876.*

No. 176. Read the following Proceedings of the Board of Revenue, dated 6th April 1876, No. 942 :—

Read the following letter from W. R. ROBERTSON, Esq., M.R.A.C., Superintendent of the Government Farms, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated Coimbatore, 21st March 1876, No. 119.

WITH reference to paragraph 2 of Board's Proceedings, No. 529, of the 22nd February last, I have the honor to submit a revised Prospectus for the proposed School of Agriculture.

2. I would suggest, if the draft now submitted be approved, that a number of copies should be printed for circulation.

3. I regret that I am unable to state when the Institution can be opened, so much depends upon the time when the house accommodation required will be provided, and when the lecturers will be appointed.

4. I would lose no time in suggesting text-books for use in the Institution when I am able to do so ; I have made inquiries both in England and in America for information on the subject. In both of these countries during the last two or three years many scientific text-books have been published that have not directly come under my notice, some of which, from reviews of them I have seen, appear to me likely to meet our wants.

ENCLOSURE No. 1.—Revised Prospectus.

SUBMITTED for the orders of Government in continuation of Board's Proceedings, 22nd February 1876, No. 529.

2. The Superintendent of Government Farms submits a revised Prospectus for the proposed School of Agriculture.

3. The Board consider that the *objects* of the Institution are not set forth with sufficient clearness. In lieu of the first two paragraphs, the second of which they think would be calculated to mislead as encouraging an idea that one of the main objects of the school is to qualify for Government employment, they would say : " This Institution is designed to afford instruction in the science of agriculture and in the practical application of sound principles in conducting the ordinary agriculture of this country."

4. Under the head of *Instruction* it should be stated that " instruction will be conveyed in the English language, but the masters will afford as much assistance as possible in explaining the lectures and instruction generally to students whose limited acquaintance with English may make it difficult for them to follow such instruction without explanation."

5. Under " Admission" the Board would insert after the word candidates " who desire to avail themselves of stipendiary studentships or scholarships," thus making conditions regarding age, &c., to apply only to such students. It appears to the Board to be doubtful whether, so long as the Institution is in its infancy, it would be wise to levy any fee from private students, and they would, for the present at least, place no such restriction upon study by such

persons; it will be sufficient for them to agree to conform to the general rules of the establishment.

6. *Scholarships.*—The Board would fix a minimum number of marks as necessary to qualify for holding a scholarship, and would allow a scholarship to be held by a stipendiary student.

7. The time-table has been revised in accordance with the suggestions of the Director of Public Instruction.

8. Various circumstances have combined to delay the provision of suitable school accommodation, but the Board consider that arrangements should be made without fail for opening the school for a winter session by October next.

(A true Copy and Extract.)

(Signed) E. GIBSON,
Acting Sub-Secretary.

No. 177.

ORDER THEREON, 18th May 1876, No. 642.

Miscellaneous.

HIS Grace the Governor in Council has given full consideration to the draft Prospectus submitted with the above Proceedings, and is of opinion that it may be adopted, with the modifications proposed by the Board of Revenue, and others which have suggested themselves to Government. The Prospectus, as finally revised and approved by Government, will be appended to these Proceedings, and the Government direct its immediate publication and circulation. They prefer Mr. Robertson's rule about the standard of test of qualification for scholarships to the Board's proposal in paragraph 6, and consider that, for the present, the charge of fees should be postponed in the case of students, other than those who enter only for instruction in special subjects. The stipends should be fixed at Rs. 12½, 15, and 17½.

2. The Government are willing to encourage, in every way, the acquirement, by schoolmasters, of a fair knowledge of practical agriculture to enable them to make elementary agricultural instruction a part of the curriculum in all elementary rural schools. To attain this object, the necessary provision has been made in the rules now sanctioned, and the Director of Public Instruction will be called on to report, in communication with the Board of Revenue and Mr. Robertson, on the prospect of introducing the system with special reference to an article, descriptive of the Irish system recently published in the Royal Agricultural Society's Journal.

*Vide* 2nd Series, Vol. IX., Part II., No. 18.

3. His Grace the Governor in Council regrets the delay which has occurred in inaugurating a system of instruction in agriculture in this Presidency, to which the highest importance should be attached. The services of a costly European agency, intended mainly to introduce and advance this undertaking, have remained for a long period almost unutilised; and His Grace the Governor in Council is anxious that no further time should be lost in commencing operations, and looks to Mr. Robertson and his Assistants to make the present scheme a success. He desires that it should be clearly understood that, unless success is attained in carrying out the measures about to be introduced, the Government

cannot continue the large expenditure now incurred on the Farm on salaries; and that a failure must inevitably lead to its reduction.

(True Extract.)

(Signed) D. F. CARMICHAEL,
*Secretary to Government.*

To the Board of Revenue.
,, the Director of Public Instruction.
,, the Educational Department.

### *Prospectus of the School of Agriculture, Madras.*

OBJECTS.—This Institution is designed to afford instruction in the science of agriculture and in the practical application of sound principles in conducting the ordinary agriculture of this country.

THE FARM, &c.—The farm is conducted as an experimental farm; its area is about 280 acres, and it is well provided with suitable buildings.

The educational buildings needed will be erected on the farm on land situated in close proximity to the village of Sydapet, in which village students will readily obtain lodgings, board, &c., during their course of training.

In the farm workshops, all kinds of agricultural implements and tools suited for use in India are manufactured and repaired.

An Agricultural Library is now in the course of formation, and it is in contemplation to provide a Reading room for the use of students.

A Veterinary Hospital, a Chemical Laboratory, and an Agricultural Museum, will also be established, as funds are forthcoming.

MANAGEMENT, &c.—The Institution will be attached to the Educational Department under the general control of the Director of Public Instruction, acting in communication with the Board of Revenue. The direct management of the Institution will be entrusted to the Superintendent of Government Farms, who will conduct all correspondence regarding the Institution, will issue all notices, orders, &c., regarding the delivery of lectures and other matters connected with the routine of the Institution, and will maintain discipline amongst the students who will, in all things, be subject to the orders he may issue.

INSTRUCTION, &c.—The course of instruction will extend over three years; there will be two sessions in each year. A Summer Session and a Winter Session; the Summer Session will begin each year on the 1st of April, and will end on the 30th of June; the Winter Session will begin on the 1st of October, and will end on the 31st of March. Though, in the Winter Session, class-room and lecture-room instruction will not begin until the 1st of October, students will, nevertheless, be expected to attend at Sydapet on the 1st of September, in order that they may witness and take part in the important field operations conducted at that season in connection with the sowing of the cold weather crops.

The instruction given in the Institution will embrace a thorough study of agriculture and of such portions of Chemistry, Geology, Zoology, Botany, and the Veterinary Art as bear on the theory and practice of agriculture. In addition to these special subjects, the following will also receive attention:—English farm book-keeping, land surveying, mensuration, and drawing. The instruction will be given by means of lectures, class-room discussions, and field classes.

During the portion of the day set apart for practical instruction in farming out of doors, every student will be expected to take part in whatever work is going forward on the farm; compliance with this regulation will be strictly enforced. Each student will be expected to make himself acquainted with all the operations daily performed in the farm, and will be required to keep a journal or diary of the same.

Instruction will be conveyed in the English language, but the Masters will afford as much assistance as possible in explaining the lectures and instruction generally to students whose limited acquaintance with English may make it difficult for them to follow such instruction without explanation.

ADMISSION.—Europeans, Eurasians, and Natives of all classes are eligible for admission into the Institution when vacancies exist, on complying with the following prescribed conditions :—

Candidates, who desire to avail themselves of stipendiary studentships or scholarships, must be between sixteen and twenty-four years of age, and must produce, with their application for admission, the following certificates :—

(a) Certificate of age.
(b) Do. of character.
(c) Do. of physical fitness.*

* Should state that the Candidate has been vaccinated.

For the present, no fee will be charged except in the case of students who enter only for instruction in special subjects, strict conformity with all rules of the Institution will be enforced.

Students must provide themselves with all necessary text-books, stationery, &c.

Students who have passed the Matriculation or General Test Examinations will be eligible for admission without undergoing any further examination, provided they produce the certificates needed, and comply with the other conditions laid down. When there is a greater number of these candidates than there are vacancies to fill, a selection will be made of the most promising, at the discretion of the Superintendent.

When there are more vacancies to fill than there are candidates qualified, as stated in the preceding paragraph, the entrance examination will be as follows :—

*English.*—Ability to write correctly and legibly from dictation and express themselves with reasonable correctness and intelligence in a letter or in a report.

*Arithmetic.*—The first four simple and compound rules, vulgar and decimal fractions.

*Vernacular.*—Tamil or Telugu (in the case of Europeans and Eurasians only) ; ability to translate into English easy sentences from an elementary vernacular prose work commonly used in schools.

*History.*—The leading facts of the Histories of India and England.

*Geography.*—The Outline of Geography generally and the Geography of India in particular.

The date of the examination and of future entrance examinations will be duly notified in the *Fort St. George Gazette.*

STIPENDIARY STUDENTSHIPS.—Of the students who have at the close of the first session been most successful twenty-four will be selected to fill stipendiary studentships, to be established by Government, to which will be attached a monthly salary of Rs. 12-8-0 in the latter half of the first year, Rs. 15 per mensem in the second year, and Rs. 17-8-0 per mensem in the third year under the following conditions :—

No stipend will be increased until the prescribed examinations have been satisfactorily passed. The stipend will be liable to be forfeited in part or in whole for continued disobedience to orders or neglect of duty, and no person who holds a stipendiary studentship will continue to hold it if found to be unfit to undergo further training from incapacity or want of interest. No stipend can be held for more than two and a-half years, and cannot be retained unless the recipient pass for the higher grade within twelve months.

SCHOLARSHIPS.—Three scholarships, each of the value of Rs. 10 per mensem, and tenable for two years under certain conditions, will be given to the three students who, at the end of the first year of training, secure the largest number of marks, and who, in other respects, have given satisfaction. These scholarships are to be held under the same general conditions as are applicable to stipendiary studentships.

AGRICULTURAL CERTIFICATE.—At the conclusion of the course of training, each student who is found to possess the necessary knowledge, and whose conduct has been satisfactory, will be entitled to a certificate, certifying to his qualifications as an agriculturist.

SCHOOL-TEACHERS AND OTHERS.—Arrangements will be made under which young men, who are studying in Madras to qualify themselves as school-teachers, will be permitted to attend one or more courses of lectures and to undergo a partial training in practical agriculture at the Institution, with a view to teaching this subject in middle-class and elementary schools under their charge.

GENERAL.—Land-owners and others may enter students at the Institution under the same rules and regulations as Government stipendiary Students, provided the stipends are paid regularly one month in advance to the Superintendent, Government Farms, by whom these stipends will be disbursed under the rules prescribed.

Persons of any age above sixteen who possess a fair knowledge of English may enter the Institution to study any special subject or subjects taught therein. They will be required to pay a fee of Rs. 2 per mensem during the time their names are entered in the Register of the Institution.

*Curriculum of Study.*

| First Year. | Second Year. | Third Year. |
|---|---|---|
| Agriculture—Elementary. | Agriculture—Crops and Stock. | Agriculture. |
| Zoology. | Geology—Elementary. | Geology—Agricultural. |
| Chemistry—Inorganic. | Chemistry – Organic. | Chemistry—Agricultural. |
| Veterinary—Animal Physiology and Anatomy. | Veterinary—Therapeutics and Materia Medica. | Veterinary—Pathology. |
| Botany—Vegetable Physiology. | Botany—General. | Botany—Agricultural and Horticultural. |
| Drawing—Elementary | Drawing—Plans. | Drawing—Machines, &c. |
| Land Surveying and Mensuration. | Land Surveying and Mensuration. | Mechanics—Farm Book-keeping, &c. |

TIME-TABLE.

*First Session only.*

| | | | |
|---|---|---|---|
| Monday ... | 6 to 7-30 A.M. | On the Farm .......... | Practical Instruction in Agriculture. |
| | 9 to 10 ,, | Lecture .................. | Agriculture. |
| | 10 to 11 ,, | Class-room Instruction. | Language. |
| | 3 to 4 P.M. | Do. do. ... | Mensuration. |
| | 4 to 5 ,, | Lecture .................. | Zoology. |
| | 5 to 6 ,, | Field Class .............. | Agriculture. |
| Tuesday ... | 6 to 7-30 A.M. | On the Farm ........... | Practical Instruction in Agriculture. |
| | 9 to 10 ,, | Lecture .................. | Veterinary. |
| | 10 to 11 ,, | Class-room Instruction. | Language. |
| | 3 to 4 P.M. | Do. do. .. | Drawing. |
| | 4 to 5 ,, | Lecture .................. | Botany. |
| | 5 to 6 ,, | Field Class .............. | Botany. |
| Wednesday. | 6 to 7-30 A.M. | On the Farm ........... | Practical Instruction in Agriculture. |
| | 9 to 10 ,, | Lecture .................. | Chemistry. |
| | 10 to 11 ,, | Class-room Instruction. | Language. |
| | 3 to 4 P.M. | Do. do. ... | Mensuration |
| | 4 to 5<br>5 to 6 ,, | Field Class. | Land Surveying. |
| Thursday ... | 6 to 7-30 A.M. | On the Farm ........... | Practical Instruction in Agriculture. |
| | 9 to 10 ,, | Lecture... ............ | Agriculture. |
| | 10 to 11 ,, | Class-room Instruction. | Language. |
| | 3 to 4 P.M. | Do. do. ... | Drawing. |
| | 4 to 5 ,, | Lecture .................. | Veterinary. |
| | 5 to 6 ,, | Field Class .............. | Veterinary. |
| Friday... ... | 6 to 7-30 A.M. | On the Farm ........... | Practical Instruction in Agriculture. |
| | 9 to 10 ,, | Lecture ............... ... | Botany. |
| | 10 to 11 ,, | Class-room Instruction. | Language. |
| | 3 to 5 P.M. | Laboratory Class. | |
| | 5 to 6 ,, | Lecture .................. | Chemistry. |
| Saturday ... | 6 to 7-30 A.M. | On the Farm ........... | Practical Instruction in Agriculture. |
| | 8 to 9 ,, | Weekly Examination ... | Each subject of lectures in rotation. |

**Exd. F. R. Bantleman.**

Govt. of {1876} Madras.

REVENUE.

To

The BOARD of REVENUE,
&c., &c., &c.

Dated May, 18th.

Recd. Encl.

G. O., 18th May 1876, No. 642.

MAY.
Nos. 176-177.

*School of Agriculture.*—Directing the immediate publication and circulation of the revised Prospectus for the proposed —; desiring that no further time should be lost in commencing operations; and looking to Mr. Robertson and his Assistants to make the present scheme a success.

Vide C. No 1747/28
& 4646/79

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| | | |
|---|---|---|
| Wednesday – | 6 to 7-30 A.M. | On the Farm – Practical Instruction in agriculture. |
| | 9 to 10 " | Lecture – Chemistry. |
| | 10 to 11 " | Class-room Instruction – Language |
| | 3 to 4 P.M. | — do — Mensuration. |
| | 4 to 5 " | } Field Class – Land Surveying. |
| | 5 to 6 " | |
| Thursday – | 6 to 7-30 A.M. | On the Farm – Practical Instruction in Agriculture |
| | 9 to 10 " | Lecture – Agriculture |
| | 10 to 11 " | Class-room Instruction – Language |
| | 3 to 4 P.M. | — do — Drawing |
| | 4 to 5 " | Lecture – Veterinary |
| | 5 to 6 " | Field Class – Veterinary |
| Friday – | 6 to 7-30 A.M. | On the Farm – Practical Instruction in agriculture |
| | 9 to 10 " | Lecture – Botany |
| | 10 to 11 " | Class-room Instruction – Language |
| | 3 to 5 P.M. | Laboratory Class |
| | 5 to 6 " | Lecture – Chemistry |

Saturday - 6 to 7-30 A.M. On the Farm - Practical Instruction in Agriculture
8 to 9 " Weekly Examination - Each Subject of
Lectures in rotation.

Exd & Submitted

Enclosure in Bd's
Pros: dated 6th April
1876 to the Secretary to
Government Revenue
Department.

Rev 1413/76

642

G.O. No 892/76

# Prospectus
# of the
# School of Agriculture
# Madras

6

## Objects

This Institution is designed to supply such instruction in the Science and practice of Agriculture, as will be most useful to young men whose destined employment is to connect them with Agriculture, whether as owners, occupiers, or managers of Estates farms, or plantations or as employés in the Service of Government in the Agricultural Department.

alter as recommended

United to other requisite educational attainments a knowledge of the Subjects taught in this Institution will add to a man's qualifications for employment in the Revenue, Educational and other

Departments of the Public Service.

## The Farm &c.

The Farm is conducted as an Experimental Farm. Its area is about 280 acres and it is well provided with suitable buildings. [At present it is not well supplied with water for use in irrigation but endeavours are being made to remedy this defect.]

The educational buildings needed will be erected on the Farm on land situated in close proximity to the village of Sydapet in which village students will readily obtain lodging, board &c. during their course of training.

[A Botanical Garden will be established which besides affording information regarding the various plants and trees suited for cultivation on the plains of Southern India, will be utilized for exhibiting the various methods of propagating plants and trees by layers, budding and grafting &c. and for experiments in pruning.]

I wd omit as [illegible]

In the Farm Workshops all kinds of agricultural implements and tools suited for use in India are manufactured and repaired.

An Agricultural Library is now in the course of formation and a Reading Room for the use of Students will be provided.

A Veterinary Hospital, a Chemical Laboratory and an Agricultural Museum will also be established.

## Management &c.

The Institution will be attached to the Educational Department under the general control of the Director of Public Instruction, acting in Communication with the Board of Revenue. The direct Management of the Institution will be entrusted to the Superintendent of Government Farms who will conduct all Correspondence regarding the Institution will issue all notices, orders &c regarding the delivery of lectures and other matters connected with the routine of the Institution and will maintain discipline amongst the Students who will in all things, be subject to the orders he may issue.

## Instruction, &c

The Course of instruction will extend over three years; there will be two Sessions in each year - a Summer Session and a Winter Session; the Summer Session will begin each year on the 1st of April and will end on the 30th of June; the Winter Session will begin

begin on the 1st of October and will end on the 31st of March. Though in the Winter Session Class-Room and Lecture-Room instruction will not begin until the 1st of October Students will be expected to assemble at Sydapet on the 1st of September in order that they may witness, and take part in, the important field operations conducted at that season in connection with the sowing of the cold-weather Crops.

The instruction given in the Institution will embrace a thorough study of Agriculture and of such portions of Chemistry, Geology, Zoology, Botany, and the Veterinary Art as bear on the theory and practice of Agriculture. In addition to these Special Subjects the following will also receive attention:- English Farm book-keeping, Land-Surveying mensuration and Drawing. The instruction will be given by means of lectures, class-room discussions, and field Classes.

During the portion of the day set apart for practical instruction in farming out-of-doors, every Student will be Expected to take part in whatever work is going forward on the Farm; Compliance with this regulation will be strictly enforced. Each Student will be Expected to be acquainted with all the operations daily performed on the Farm and will be Expected to keep a journal or diary of the same.

Add Br. [illegible]
[illegible]

## Admission

Europeans, Eurasians and Natives of all classes are eligible for admission into the Institution, when vacancies Exist on Complying with the Conditions

Conditions prescribed as follows:-

insert as proposed
JB

Candidates must be between sixteen and twenty-four years of age and must produce with their application for admission the following Certificates:-

(a) Certificate of age
(b) — do — of Character
(c) — do — of physical fitness*
for the present

No fee will be charged except in the case of Students who enter only for instruction in Special Subjects. [Every Student will be Expected on entrance to deposit with the Superintendent of Government Farms a sum of Rupees 20 as a fund out of which to pay fines which may be inflicted for inattention, misconduct or other reasons. This deposit or the portion of it, that remains unforfeited will be paid over to the Student on

Add
Strict compliance with all rules of the Instn will be enforced

I wd omit this deposit
JM

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* Should state that the Candidate has been vaccinated

on his leaving the Institution.]

Every Student will be expected to provide himself with text-books, Stationery &c.

Students who have passed the Matriculation or General Test Examinations will be eligible for admission without undergoing any further Examination, provided they produce the Certificates needed and comply with the other Conditions laid down. When there are a greater number of these Candidates than there are vacancies to fill a selection will be made preference being given to young men who belong to the Agricultural Class.

When there are more vacancies to fill than there are Candidates qualified as stated in the preceding paragraph the entrance Examination will

will be as follows:-

English - Ability to write correctly and legibly from dictation and express themselves with reasonable correctness and intelligence in a letter or in a report.

Arithmetic - The first four simple and compound rules, vulgar and decimal fractions.

Vernacular - Tamil or Telugu (in the case of Europeans and Eurasians only.) Ability to translate into English easy sentences from an elementary vernacular prose work commonly used in Schools.

History - The leading facts of the histories of India and England.

Geography - The outline of Geography generally and the Geography of India in particular.

The date of the Examination and of future entrance Examinations will be duly notified in the Fort Saint George Gazette.

## Stipendiary Studentships

Of the Students who have at the Close of the 1st Session been most successful twenty-four will be selected to fill Stipendiary Studentships, to be Established by Government, to which will be attached a monthly salary of Rupees 15 in the latter half of the first year, Rupees 17½ per mensem in the second year and Rupees 20 per mensem in the third year under the following conditions;—

12½ 15 17½ ?

No Stipend will be increased until the prescribed Examination have been satisfactorily passed. The Stipend will be liable to be forfeited in part or in whole for continued disobedience to orders or neglect of duty, and no person who holds a Stipendiary Studentship will continue to hold it if found to be unfit to undergo further training from incapacity or want interest. No Stipend can be held for more than 2½ yea

& cannot be retained unless the

## Scholarships

efficient pass of the higher year with 15

Three Scholarships each of the value of Rupees 10 per mensem and tenable for two years under certain conditions will be given to the three students who, at the end of the first year of training secure the largest number of marks and who in other respects have given satisfaction. These Scholarships are to be held under the same general conditions as are applicable to Stipendiary Studentships.

## Agricultural Certificate

At the conclusion of the Course of training, each Student who is found to possess the necessary knowledge and whose conduct has been satisfactory will be entitled to a certificate certifying to his qualifications as an agriculturist.

## School-teachers and others

[It is proposed, after the institution has been three years in existence, to make elementary agriculture one of the subjects of the entrance examination and to grant a fee of Rupees 25 to every school which succeeds in passing a student into the institution; the fee to become the personal property of the Master of the School.]

Omit
can be considered
hereafter

Arrangements will be made under which young men who are studying in Madras to qualify themselves as school-teachers, will be permitted

permitted to attend one or more courses of lectures and to undergo a partial training in practical agriculture at the institution with a view to teaching this subject in elementary schools

Middle class
under the class

## General

Land-owners and others may enter students at the Institution under the same rules and regulations as Government Stipendiary Students, provided the stipends are paid regularly one month in advance to the Superintendent Government Farms, by whom these stipends will be disbursed under the rules prescribed.

Persons of any age above 16 who possess a fair knowledge of English may enter the Institution to study any special subject or subjects taught therein. These students will deposit the same security for good conduct as will be deposited by other students. They will be required to pay a fee of Rs 2 per mensem, during the time their names are entered in the Register of the Institution.

## Curriculum of Study

| 1st Year | 2nd Year | 3rd Year |
|---|---|---|
| Agriculture – Elementary | Agriculture – Crops and Stock | Agriculture |
| Zoology. | Geology – Elementary | Geology – Agricultural |
| Chemistry – Inorganic | Chemistry – Organic | Chemistry – Agricultural |
| Veterinary – Animal physiology and Anatomy. | Veterinary – Therapeutics and Materia Medica | Veterinary – Pathology |
| Botany – Vegetable Physiology | Botany – General | Botany – Agricultural and Horticultural |
| Drawing – Elementary | Drawing – Plans | Drawing – Machines |
| Land Surveying and Mensuration | Land Surveying and Mensuration. | Mechanics – Farm Book-keeping |

## Time Table

### First Session only

| | | |
|---|---|---|
| Monday | 6 to 7.30 A.M. | On the Farm – Practical Instruction in Agriculture |
| | 9 to 10 " | Lecture – Agriculture |
| | 10 to 11 " | Class-room Instruction – Language |
| | 3 to 4 P.M. | do – Mensuration |
| | 4 to 5 " | Lecture – Zoology. |
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| | 9 to 10 " | Lecture – Veterinary |
| | 10 to 11 " | Class-room Instruction – Language |
| | 3 to 4 P.M. | do – Drawing |
| | 4 to 5 " | Lecture – Botany |
| | 5 to 6 " | Field Class – Botany. |

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Revenue Department

Proceedings of the Board of Revenue
Dated 6th April 1876
No. 962

Read the following:-

No. 119

From,
H. R. Robertson Esqr. M.R.A.C.
Superintendent
Government Farms

To,
The Secretary
Board of Revenue
Madras

Sir,

With reference to para 2 of Board's Proceedings No. 529 of the 22d February last, I have the honor to submit a revised Prospectus for the proposed School of Agriculture.

I would suggest if the draft now submitted be approved that a number of Copies should be printed for Circulation.

I regret that I am unable to state when the institution can be opened, so much depends upon the time when the house accommodation required will be provided, and, when the lecturers will be appointed.

I would lose no time in suggesting Text-books for use in the Institution when I am able to do so; I have made enquiries both in England and in America for information on the subject. In both of these Countries during the last 2 or 3 years many scientific Text-books have been published that have not directly come under my notice some of which, from reviews of them I have seen, appear to me likely to meet our wants.

I have &c.

Govt Farms Office
Camp Darapuram
Coimbatore Dist
21st March 1876

Sigd/ W. R. Robertson

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Submitted for the orders of Government in Continuation of Board's Proceedings, 22d February 1876 No. 529.

2. The Superintendent of Government Farms

Farms submits a revised Prospectus for the proposed School of Agriculture.

15

3. The Board consider that the objects of the institution are not set forth with sufficient clearness. In lieu of the first two paragraphs, the second of which they think would be calculated to mislead, as encouraging an idea that one of the main objects of the School is to qualify for Government [illegible] the say "This Institution is designed to afford instruction in the science of Agriculture and in the practical application of sound principles in conducting the ordinary agriculture of this Country."

[illegible] substitute

Yes [illegible]

4. Under the head of Instruction it should be stated that "Instruction will be conveyed in the English language but the masters will afford as much assistance as possible in

MS

explaining the lectures and instruction generally to Students whose limited acquaintance with English may make it difficult for them to follow such instruction without explanation."

5. Under "Admission" the Board would insert after the word Candidates "who desire to avail themselves of of Stipendiary Studentships or Scholarships" thus making Conditions regarding age &c to applicants for such Students. It appears to the Board to be doubtful whether so long as the Institution is in its infancy it would be wise to levy any fee from private Students and they would for the present at least place no such restriction upon study by such persons – it will be sufficient for them to agree to conform to the general rules of the Establishment.

6. Scholarships

6. Scholarships. The Board would fix a minimum number of marks as necessary to qualify for holding a Scholarship, and would allow a Scholarship to be held by a Stipendiary Student.

7. The time table has been revised in accordance with the Suggestions of the Director of Public Instruction.

8. Various Circumstances have combined to delay the provision of Suitable School accommodation but the Board consider that arrangements should be made without fail for opening the School for a winter Session by October next.

(True Copy & Extract)

Ag. Sub Secretary

To,
The Secretary to
Government, Revenue
Department.
with Copy of Revised
Prospectus.

REVENUE DEPARTMENT.

No. 1413

~~From~~ Rev: Bd of Rev.

Dated 6 April 1876.

FOR ORDERS.

I would pass the prospectus with the alterations recommended by the Board and the few modifications which I suggest.

I would postpone the charge of fees for one year at least.

Stipendiaries. High stipends

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Revenue 1876 Depart

No. 1413

Proceedings of the Board of Revenue

Dated 6th April 1876.
Despd 6 —
Recd 7 — do
Encl 1

S.O. No. 642 - 18 May 1876

Submitting, with remarks, a revised prospectus for the proposed School of Agriculture.

For orders

~~25 February~~/76 No 52 Min
18 ~~February~~/76 — " — 226-227

No 176

Sent to Hon. Sir [illegible] R. 17th May R 18th May
Sent to His Grace the Govr 9th May R 11th May
R 5th May/76

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Revenue Department

No. 642

1875

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Revenue 1876 Depᵗ

No. 1413

Proceedings of the Board of Revenue

Dated 6th April 1876.
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Recd 7th — do
encl 1

G.O. No. 642 - 18 May, 1876

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REVENUE DEPARTMENT.

16

No. 1413

~~From~~ Pro: Bd of Revᵉ

Dated 6 April 1876.

FOR ORDERS.

I would pass the prospectus with the alterations recommended by the Board and the few modifications which I suggest.

I would postpone the charge of fees for one year at least.

Stipendiaries. High

Stipends without attract those who are only seeking present livelihood without intention of prosecuting the study or profession. Rs. 10, 12 1/2 & 15 should suffice but let the standard be Rs 12 1/2, 15 & 17 1/2. No stipend should be retained for more than 1 year or 18 months in the same class. If a student fail to rise there is no progress and the stipend should cease

cease.

## Arrangement for the Study of Normal Students

This is of course a part of the Irish System whereby Elementary agricultural instruction is made a part of the curriculum in all Elementary rural schools. I would encourage this in every way & I would ask the Director of Public Instruction to report on the prospect of introducing the System with special reference to an article descriptive of the system which recently was published in the Royal Agricultural Society's journal.

With a view to stimulate the energy of Mr. Robertson and the Board, I think the Govt. should express serious disappointment at the long delay which has occurred – from causes not wholly avoidable – in

C. 8 April

Establishing

FOR ORDERS.

Revised Report for Agricultural School

N.B. I reprinted and circulated the article to all Collectors &c. some time ago.

Establishing the School of Agriculture while expense incurred in anticipation of this movement has been allowed to run on which would not have been permitted had the delays and obstructions been foreseen.

The whole file has not been put up; so I write from memory and subject to correction. The facts are I believe that Mr. Robertson

Came out some 6 or 8 years ago to take the management of the Farm then under a Committee on a Salary of Rs. 350 a month. He naturally urged the Establish:ment of a regular School of Agriculture in connection with the Farm and at length Lord Napier's Government Elaborated a Scheme — which differed widely from what Mr. Robertson advised — and in connection

6 2 Septr 1857

Connection therewith Mr Robertson's Salary was raised to Rs 700 or 750 a month (?) — some 5 or 6 years ago. Neither the Scheme nor the manner of recruiting the School Ever had in them the Element of success and the whole thing has died out — but I do not attach to Mr. Robertson blame for its failure. Be this as it may — Mr. Robertsons increased Salary has been allowed to run on in anticipation of a real Educational move.

At the same time when ~~as~~ the above scheme was adopted, if my memory serves me aright - the Secretary of State was requested to send out a qualified Assistant to take part in the instruction and Mr Benson a successful Student of Cirencester College was engaged at say Rs: 350 a month with free lodging &c for teaching

conversion

G G 3 March 72 No 290

teaching purposes and came out some two or three years ago. But the Educational Scheme was moribund and he has never had anything to do except to assist Mr Robertson in the ordinary Farm work on which far too much costly European Supervision was already employed. So that it may be said that some Rs 700 to 800 a month of anticipatory Educational Expenditure has been running on for years without fulfilling useful purposes - and has all been charged against the Farm for which Mr. Robertsons original salary Rs. 380 would quite suffice under the head of European Supervision

Not only so. Mr. Schiffamayer, a Scientific German agriculturist was Engaged for the Superintendence of an upcountry farm

which

which has never been started so that we have three Scientific Europeans - who were Engaged in anticipation of the Establishment of an Educational System - who cost some Rs: 1000 and upwards a month in a great measure unemployed.

As before said Mr. Robertson and the Board are not responsible for this confusion but there is no doubt that the former has not shown the alacrity which might have been expected. Buildings were wanted &c &c and he deferred moving till they could be provided - but ~~now~~ we should now insist on something really effective being done. The Bungalow recently occupied by Mr Dalyell near the Bridge has been secured and I would tell the Board and Mr

Mr Robertson that unless things are started at once and placed in a good & active footing, a revision of the expendi:=ture on Salary must take place. His Lord:ship need not go into particulars & the Secretary will no doubt be able to put it in a suave form.

11/4

I agree with the alterations proposed in the Prospectus. – I am not as well acquainted with the history of this expensive experiment to promote agricultural knowledge and to improve the agricultural prosperity of the country as my Honble Colleague but I doubt the expediency of attaching blame either to the Board or to Mr. Robertson for the delay that has occurred – for wh. the Govt. is probably to blame – the delay has I think chiefly arisen from the Govt themselves not being quite certain as to what should be done. –

It may be useful to explain to all concerned that now that the School has been started the Govt look to Mr. Robertson & his assistants to make it a success and to make it clear that the Govt cannot, except in case of success, continue the large expenditure now incurred on the Farm i.e. if the school fails – the Superintendent of the Farm salary must be reduced – & his assistants dismissed –

R.H.W.

3/5/76

10/5

Sent to Hon: Sir W. R. 17: May/76 R. 18: May.

Sent to His Excellency the Gov. 9: May R. 11: May

C. 28: April /76 R. 6: May

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My dear Mr. Robertson

I am much obliged to you for the paper which you have been good enough to send me on the diffusion of agricultural education in Ireland. I have not had time to think over the subject, but something of the kind might I think be attempted in connection with the Local Fund Schools. The position which these schools are to occupy seems at present rather indefinite. In some quarters there is a disposition to make them Anglo Vernacular Schools of a type feebler than the Zillah Schools, while in others the idea seems to be that except in spelling, they should differ very little from elementary vernacular schools. We have nothing in this Presidency corresponding with the superior Vernacular Schools of the other provinces. I ~~must~~ think that some of our Local Fund Schools might aim at supplying this want and that in that case the omission of English and the prolongation of the course would leave time for agricultural science. A staff both capable of science be required and that does not exist at present. The scheme would probably meet with opposition from officers both in and out of the

Department, and the only effectual means of overcoming this would perhaps be to make the subject one which would pay in the examinations. Perhaps it might be added to the special tests for Revenue Officers. Very few of the men who pass these tests ever become Revenue Officers, and many of those who are disappointed in their expectation of employment, might be induced to stick to their hereditary occupation and become intelligent ryots.

Yours sincerely

R. M. Macdonald

28 April

Revenue Departm

No 642

Proceedings of the Madras Government

Under date the 18th May 1875

Read Proceedings Board of Revenue 6th April 1876 submitting revised prospectus for the proposed School of Agriculture

His Grace the Governor in Council has given full consideration to the draft Prospectus submitted with the above Proceedings, and considers that it may be adopted with the modifications proposed by the Board of Revenue, and others which have suggested themselves to Government. The Prospectus, as finally revised and approved by Government, will be appended to these Proceedings, and the Government direct its immediate publication and circulation. They prefer Mr. Robertson's rule about the standard of test of qualification for Scholarships, to the Board's proposal in para 6, and consider that, for the present, the charge of fees should be postponed in the case of students other than those who enter only for instruction in special subjects.

The stipends should be fixed at Rs 12½, 15, and 17½.

The Government are willing to encourage, in every way, the acquirement, by Schoolmasters, of a fair knowledge of practical agriculture to enable them to make Elementary agricultural instruction a part of the curriculum in all Elementary rural schools.

To

vide 2d Series Vol IX
Part II No 18.

in communication with [illegible] Mr Robert[illegible]

([illegible] when he [illegible] 15 October 1872 No 1886.)

To attain this object, the necessary provision has been made in the rules now sanctioned, and the Director of Public Instruction will be called on to report on the prospects of introducing the system with special reference to an article, descriptive of the Irish system, recently published in the Royal Agricultural Society's Journal

3 His Grace the Governor in Council regrets the delay which has occurred in inaugurating the system of instruction in agriculture in this Presidency to which the highest importance should be attached. The services of a costly European Agency, intended mainly to introduce and advance [illegible] in this Presidency so important an object, have remained so long [illegible] almost unutilized; and His Grace

the Governor in Council is anxious that no further time should be lost in commencing operations, and looks to Mr Robertson and his Assistants to make the present scheme a success. He desires that it should be clearly understood that, unless success is attained in carrying out the measures about to be introduced, the Government cannot continue the large expenditure now incurred on the Farm, and that a failure its must inevitably lead to the reduction of the salary of the Superintendent and the dismissal discontinuance of the services of his Assistants

14 To the Board of Revenue 2d June
7 To Director of Public Instruction
6 To Educational Dept

100/10

Sent to Home Sec 16 A - 17th May /76 R 18 May

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# Prospectus
# of the
# School of Agriculture
# Madras

## Objects

This Institution is designed to afford instruction in the science of Agriculture and in the practical application of sound principles in conducting the ordinary agriculture of this country.

## The Farm &c.

The Farm is conducted as an experimental Farm, its area is about 250 acres and it is well provided with suitable buildings

The educational buildings needed will be erected on the Farm on land situated in close proximity to the Village of Sydapet, in which Village Students will readily obtain lodgings, board &c. during their course of training

In the Farm Workshops, all kinds of Agricultural implements and tools suited for use in India are manufactured and repaired.

An Agricultural library is now in the course of formation and a Reading Room for the use of Students will be provided.

when

A Veterinary Hospital, a Chemical Laboratory, and an Agricultural Museum will also be established.

? when

## Management &c.

The Institution will be attached to the Educational Department under the general control of the Director of Public Instruction, acting in communication with the Board of Revenue. The direct management of the Institution will be entrusted to the Superintendent of Government Farms who will conduct all correspondence regarding the Institution, will issue all notices, orders &c regarding the delivery of lectures, and other matters connected with the routine of the Institution and will maintain discipline amongst the students, who will, in all things, be subject to the orders he may issue.

## Instruction &c.

The course of instruction will extend over three years, there will be two Sessions in each year. A Summer Session and a Winter Session; the Summer Session will begin each year on the 1st of April and will end on the 30 of June, the Winter Session will begin on the 1st of October and will end on the 31st of March. Though in the Winter Session, Class Room and Lecture Room instruction will not begin until the 1st of October, Students will be expected to assemble at Sydapet on the 1st of September in order that they may witness, and take part in the important field operations conducted at that season in connection with the sowing of the cold weather crops.

The instruction given in the Institution will embrace a thorough study of Agriculture and of such portions of Chemistry, Geology, Zoology, Botany and the Veterinary art as bear on the theory and practice of Agriculture. In addition to these special subjects, the following will also receive attention - English, Farm Book Keeping, Land Surveying, Mensuration and drawing. The instruction will be given by means of lectures, classroom discussions, and field classes

During the portion of the day set apart for practical instruction in farming out-of-doors, every student will be expected to take part in whatever work is going forward on the Farm; compliance with this regulation will be strictly enforced. Each Student will be expected to make himself be acquainted with all the operations daily performed on the Farm, and will be required ~~expected~~ to keep a journal or diary of the same.

Instruction will be conveyed in the English language, but the Masters will afford as much assistance as possible in explaining the lectures and instruction generally to students whose limited acquaintance with English may make it difficult for them to follow such instruction without explanation.

## Admission

Europeans, Eurasians, and

Natives

Natives of all Classes are eligible for admission into the Institution, when Vacancies exist, on complying with the following prescribed conditions ~~prescribed as follows~~:-

Candidates, who desire to avail themselves of Stipendiary Studentships or Scholarships, must be between sixteen and twenty-four years of age, and must produce, with their application for admission, the following Certificates

(a) Certificate of age
(b) —— do —— of character
(c) —— do —— of physical fitness*

* Should state that the Candidate has been vaccinated.

For the present no fee will be charged, except in the case of students who enter only for instruction in Special subjects. Strict conformity with all rules of the Institution will be enforced.

Every Students must ~~will be expected~~ to provide themselfs with all necessary text-books, stationery &c

Students who have passed the Matriculation or General Test Examinations will be eligible for admission without undergoing any further examination, provided they produce the certificates needed, and comply with the other conditions laid down. When there are a greater number of these Candidates than there are vacancies to fill, a selection will be made, preference being given to young men who belong to the agricultural class. } 2 [illegible]

When there are more vacancies to fill than there are Candidates qualified as stated in the preceding paragraph, the entrance examination will be as follows.

English - Ability to write correctly and legibly from dictation and express themselves with reasonable correctness and intelligence in a letter or in a report.

Arithmetic - The first four simple and compound rules, Vulgar and decimal fractions

Vernacular - Tamil or Telugu (in the case of Europeans and Eurasians only) Ability to translate into English easy sentences from an elementary vernacular prose

prose work commonly used in schools

History - The leading facts of the histories of India and England

Geography - The outline of Geography generally and the Geography of India in particular

The date of the examination and of future entrance examinations will be duly notified in the Fort Saint George Gazette.

Stipendiary Studentships.

Of the students who have at the close of the 1st Session been most successful, twenty-four will be selected to fill stipendiary studentships, to be established by Government, to which will be attached a monthly salary of Rupees 12½ in the latter half of the first year, Rupees 15 per mensem in the second year, and Rupees 17½ per mensem in the third year under the following conditions.

No stipend will be increased until the prescribed examinations have been satisfactorily passed. The stipend will be liable to be forfeited in part or in whole for continued disobedience to orders or neglect of duty, and no person who holds a stipendiary studentship will continue to hold it if found to be unfit to undergo further training from incapacity or want of interest. No stipend can be held for more than 2½ years, and cannot be returned unless the recipient pass for the higher grade within ~~18~~ 12 months.

Two terms [illegible] years [illegible]

## Scholarships

Three scholarships, each of the value of Rupees 10 per mensem and tenable for two years under certain conditions will be given to the three Students who, at the end of the first year of training, secure the largest number of marks and who, in other respects, have given satisfaction. These Scholarships are to be held under the same general conditions as are applicable to Stipendiary studentships.

## Agricultural Certificate

At the conclusion of the course of training, each Student who is found to possess the necessary knowledge and whose conduct has been satisfactory will be entitled to a certificate, certifying to his qualifications as an agriculturist.

## School teachers and others.

Arrangements will be made under which young men who are studying in Madras to qualify themselves as school teachers, will be permitted to attend one or more courses of lectures and to undergo a partial training in practical agriculture at the institution, with a view to teaching this subject in middle class and Elementary schools under their charge.

## General

Land owners and others may enter students at the Institution under the same rules and regulati as Government Stipendiary Studen provided the stipends are paid regularly one month in advance to the Superintendent Government

Farms, by whom these stipends will be disbursed under the rules prescribed

Persons of any age above 16 who possess a fair knowledge of English may enter the Institution to study any special subject or subjects taught therein. These students will deposit the same security for good conduct as will be deposited by other students. They will be required to pay a fee of Rupees 2 per mensem, during the time their names are entered in the Register of the Institution

## Curriculum of Study

| 1st Year | | 2d Year | | 3d Year | |
|---|---|---|---|---|---|
| Agriculture. | Elementary | Agriculture. | Crops and stock | Agriculture. | |
| Zoology. | | Geology. | Elementary | Geology. | Agricultural |
| Chemistry. | Inorganic | Chemistry. | Organic | Chemistry. | Agricultural |
| Veterinary. | Animal Physiology and Anatomy. | Veterinary | Therapeutics and Materia Medica | Veterinary. | Pathology |
| Botany. | Vegetable Physiology | Botany. | General | Botany. | Agricultural and Horticultural |
| Drawing. | Elementary | Drawing. | Plans | Drawing. | Machines &c |
| Land Surveying and Mensuration. | | Land Surveying and Mensuration. | | Mechanics. | Farm Book Keeping &c |

## Time Table

### First Session only

| | | | |
|---|---|---|---|
| Monday.– | 6 to 7.30 A.M. | On the Farm | Practical Instruction in Agriculture |
| | 9 to 10 —— „ —— | Lecture | Agriculture |
| | 10 to 11 —— „ —— | Class-Room Instruction. | Language. |
| | 3 to 4 P.M. | —— do —— | Mensuration |
| | 4 to 5 —— „ —— | Lecture | Zoology |
| | 5 to 6. —— „ —— | Field Class | Agriculture |
| Tuesday.– | 6 to 7.30 A.M. | On the Farm | Practical Instruction in Agriculture |
| | 9 to 10 —— „ —— | Lecture. | Veterinary |
| | 10 to 11 —— „ —— | Class Room Instruction. | Language |
| | 3 to 4 P.M. | —— do —— | Drawing |
| | 4 to 5 —— „ —— | Lecture —— | Botany |
| | 5 to 6. —— „ —— | Field Class | Botany. |
| Wednesday.– | 6 to 7.30 A.M. | On the Farm | Practical Instruction in Agriculture |
| | 9 to 10 —— „ —— | Lecture | Chemistry |
| | 10 to 11 —— „ —— | Class Room Instruction | Language |
| | 3 to 4 P.M. | —— do —— | Mensuration |
| | 4 to 5<br>5 to 6 } —— „ —— | Field Class | Land Surveying |
| Thursday.– | 6 to 7.30 A.M. | On the Farm | Practical Instruction in Agriculture |
| | 9 to 10 —— „ —— | Lecture | Agriculture |
| | 10 to 11 —— „ —— | Class Room Instruction | Language |
| | 3 to 4 P.M. | —— do —— | Drawing |
| | 4 to 5 —— „ —— | Lecture | Veterinary |
| | 5 to 6 —— „ —— | Field Class | Veterinary |
| Friday.– | 6 to 7.30 A.M. | On the Farm | Practical Instruction in Agriculture |
| | 9 to 10 —— „ —— | Lecture | Botany. |
| | 10 to 11. —— „ —— | Class Room Instruction | Language |
| | 3 to 5 P.M. | Laboratory Class. | |
| | 5 to 6 —— „ —— | Lecture | Chemistry. |
| Saturday | 6 to 7-30 A.M. | On the Farm | Practical instruction in Agriculture |
| | 8 to 9. „ | weekly examination – | Each subject of lectures in rotation – |

Prospectus of the
- School of Agriculture
- Madras -

Sent to Hon: Sec'd W— R. 17: May /76. R 18: May
Sent to his Grace the Gov: 9: May R 11: May

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School of Agriculture

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