

Home (1918) Department.
Education

Ordinary SERIES.

G.O. No. 405

DATED 25. 3. 18

INDEXED

[Despatch Abstract.]

Affiliation.

Sanctioning the further ----- to the
University of Madras of the Ceded Districts College,
Anantapur, in Group I of the Intermediate courses of
study.

PAPERS PUT UP WITH CURRENT No.

Papers of the department to which the current belongs.

Number.	Date.	Original (=O.) or spare copy (= S.O.)	Remarks. (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department.

Papers of other departments.

Department.	Number	Date.	Original (= O.) or spare copy (= S.O.)	Initials with date of (1) Referencer acknowledging returns of the paper concerned or (2) Despatcher to denote the return of the papers to the department concerned.



No. /844

UNIVERSITY OF MADRAS

SENATE HOUSE,

16 MAR 1918

Enclosures.

FROM

FRANCIS DEWSBURY, ESQ., B.A., LL.B.,

Registrar, University of Madras,

TO

The Secretary to Government

Home (Education) Department.

Sir,

I have the honour, by direction of the Syndicate, to submit, under Regulation 374(d), for disposal by H. E. the Governor in Council, the accompanying application from the Director of Public Instruction, Madras, for the further affiliation of the Ceded Districts College, Anantapur, in Group i of the Intermediate Courses of study, together with copies of the proceedings of the Syndicate and the Senate on the subject, and of the report submitted by the Syndicate to the Senate.

At its adjourned meeting held on the 9th March 1918 the Senate recorded its opinion that the affiliation may be granted by Government.

I have the honour to be,

Sir,

Your most obedient servant,

Francis Dewsbury

Registrar.

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Eon B
Cp. 610
Rgd. 18-3-18



(Reg. 374(d)
The H.E.
Director of Public
Instruction
Madras
1917)

Wol

Extract from the Minutes of the Syndicate dated 2nd October 1917. 3

Read letter, No. 795, dated September 25, 1917, from the Director of Public Instruction, Madras, applying for the further affiliation of the Ceded Districts College, Anantapur, in Group I of Part II of the Intermediate courses;

together with the report thereon of the Affiliation Committee of the Syndicate recommending that a local inquiry be made, and suggesting the names of suitable persons to constitute the Inspection Commission.

Resolved that a Commission, consisting of Messrs. E. B. Ross (or, failing him, Mr. B. Hanumanta Rau), Mr. E. P. Metcalfe (or, failing him, the Rev. D. Honore) and Mr. F. L. Usher, be appointed to conduct the local inquiry at the College.

Extract from the Minutes of the Syndicate dated 15th January 1918.

Read report of the Commission appointed to conduct a local inquiry at the Ceded Districts College, Anantapur, in connection with the application of the Director of Public Instruction, Madras, for the affiliation of the College in Group I of the Intermediate Course;

together with the remarks thereon of the members of the Affiliation Committee of the Syndicate expressing a difference of opinion on the matter.

Resolved that the report be communicated to the Director of Public Instruction and that his attention be invited to the defects therein indicated with an inquiry as to how far arrangements can be made to remedy them.

Extract from the Minutes of the Syndicate dated 18th February 1918.

3
Read letter, No. 795, dated February 5, 1918, from the Director of Public Instruction, Madras, forwarding letter from the Principal, Ceded Districts College, containing his remarks with regard to the several defects noted in the Report of the Commission appointed to conduct a local inquiry at the college in connection with its application for affiliation in Group I of the Intermediate Courses;

Further letter, dated February 8, 1918, from the same, intimating the supply of scientific apparatus to the college;

together with the report thereon of the Affiliation Committee of the Syndicate recommending that the Senate be recommended to record its opinion that the affiliation asked for may be granted.

Resolved to recommend the Senate to record its opinion that the affiliation applied for may be granted by the Government.

/True Extracts/

Senate House,
March 15, 1918.

Francis D. B. S. S.
Registrar.

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UNIVERSITY OF MADRAS.

Extract from the Minutes of the Adjourned Meeting of the Senate held on March 9, 1918.

Mr. R. Littlehales moved

and

Mr. K. Ramunni Menon seconded:

That the Senate record its opinion that the application from the Director of Public Instruction, Madras, for the further affiliation of the Ceded Districts College, Anantapur, in Group I of the Intermediate Courses may be granted by the Government.

After the Rev. A. Moffat had spoken, the resolution was put to the meeting and carried.

/True Extract/

Senate House,
March 15, 1918.

Francis D. B. S. S.
Registrar.

University of Madras

Report of the Syndicate upon the application from the Director of Public Instruction, Madras, for the further affiliation of the Ceded Districts College, Anantapur, in Group i of the Intermediate Courses.

The Syndicate reports the following correspondence relative to this application :—

Letter, No. C. 795 of 1917, dated September 25, 1917, from the Director of Public Instruction, Madras, to the Registrar, University of Madras.

I have the honour to forward with reference to Regulation No. 372 of the University Regulations, an application from the Principal of the Ceded Districts College, Anantapur, for the further affiliation of the institution in Group i of Part III of the Intermediate Course and to furnish separately the particulars required under By-law 373 of the University Regulations.

2. I have to state that the first year class in Group i was started in the college at the beginning of July last with a strength of sixteen and that the staff of the college has in consequence been increased by the appointment of a Science Lecturer on Rs. 200 outside the cadre of the Provincial Educational Service and of a lecturer in Mathematics in the cadre of the Subordinate Educational Service, Collegiate Branch. The former officer holds a gazetted appointment to which a salary of Rs. 250 is attached and the incumbents of these posts are experienced and trained masters of Arts who have already taught their subjects in college classes, the former in the Arts College, Rajahmundry, and the latter in the Government College, Mangalore.

It is intended to strengthen the staff next year.

Application for the affiliation of the Ceded Districts College, Anantapur, in Group i of Part III of the Intermediate Course.

(a) *Management*.—The college is a Government institution under the control of the Director of Public Instruction, Madras.

(b) *Teaching staff*.—The present staff of the college consists of the following members :—

(i) M.R.Ry. S. E. Ranganadhan Avl., M.A., L.T., Principal and English Lecturer, on Rs. 300. This post is outside the cadre of the Provincial Educational Service.

(ii) M.R.Ry. M. Appa Rao Avl., M.A., L.T., Science Lecturer, who is allowed at the outset a salary of Rs. 200 only. This post also is outside the cadre of the Provincial Educational Service.

It is intended to include the above two posts in the cadre of the Provincial Educational Service.

(iii) M.R.Ry. V. Jagannadha Rao, M.A., L.T., History Lecturer.

(iv) M.R.Ry. S. Kameswara Rao, M.A., L.T., Logic Lecturer.

(v) M.R.Ry. N. K. Venkatesan, M.A., L.T., Additional English Lecturer.

(vi) M.R.Ry. T. N. Krishnaswami Aiyar, M.A., L.T. (Physics), B.A. (Mathematics and Physics both first class), Mathematics Lecturer and Science Assistant.

In the Subordinate Educational Service, Collegiate Branch.

At present students have been admitted for the first year course only in Group i and the number is small being only sixteen; when second year course is commenced next year an Assistant Lecturer in Science would be employed.

The number of students receiving instruction this year is thirty-two and twenty-seven in the Junior and Senior Intermediate classes respectively. Of these, as already stated sixteen out of the thirty-two in the Junior Intermediate class have taken up Group i.

(c) *Buildings*.—The buildings in which the college is now located have been built at Government cost and were originally intended for the use of the Municipal High School, Anantapur, and these will accommodate the college classes in Groups i and iii.

(d) *Library*.—Provision has already been made for the library. An allotment of Rs. 2,000 has also been made in the current year's budget under the heading 'Books and Maps'.

(e) *Laboratory*.—Suitable rooms have been assigned for the science laboratory and arrangements have been made for equipping the college with the necessary gas, electric fittings and with the furniture and apparatus required for class and laboratory purposes. A sum of Rs. 27,000 has been provided in the current year's budget for additional appliances. Government have sanctioned an expenditure of Rs. 8,890 on extensions and improvements to the college in connection with the installation of water and gas plant. The order for the gas and water equipments is placed with Messrs. Mansfield & Sons, Calcutta. The furniture required for the science laboratory has been made to order locally. Most of the apparatus and stores have been got from England.

(f) It has not yet been possible to provide for the residence of the head of the institution and some members of the teaching staff in the college premises but the Principal resides near the college and exercises efficient supervision over the students even outside the college hours.

The hostel built originally for the Municipal High School, Anantapur, has been handed over to the Ceded Districts College.

A sum of Rs. 500 has already been spent in the purchase of furniture, vessels, and lamps required for the purpose. There are twenty-five students at present in the hostel, which is under the superintendence of the Principal assisted by a Manager allowed free quarters in the premises.

(g) The college is a Government institution.

(h) The affiliation of the college will not be prejudicial to the interests of education as there is no other college at present in the Ceded Districts and there is only the Theosophical College, Madanapalle, in the Chittoor District accessible to the students of those districts.

(i) Standard rates of fees are being charged.

Assurance.

After the college is affiliated any transference of management and all changes in the teaching staff will be duly reported to the Syndicate.

Letter, No. 7236, dated October 4, 1917, from the Registrar, University of Madras, to Messrs. E. B. Ross, E. P. Metcalfe and F. L. Usher.

I have the honour, by direction, to inform you that, in connection with an application received from the Director of Public Instruction, Madras, dated September 25, 1917, for the further affiliation of the Ceded Districts College at Anantapur in Group i of the Intermediate Courses, you have been appointed a Commission to conduct a local inquiry under Section 21 (2) of the Indian Universities Act, 1904.

As the College is already affiliated to the University in Group iii of the Intermediate Courses the scope of the present inquiry should therefore be limited to the provision made

by the college for providing instruction in the subjects to be taken by candidates selecting Group i, viz. Mathematics, Physics and Chemistry, and should extend to the general requirements laid down by the Act and the Regulations only in so far as the proposed affiliation may affect the courses of instruction in which affiliation is already existing. I have to request that your report upon the inquiry should be communicated to the Syndicate without being divulged to the management of the College.

It is presumed that you would be willing to undertake the duty, and in this connection, I have to suggest that Mr. E. B. Ross should act as Convener of the Commission. The papers relating to the application are accordingly being forwarded to him in original.

The Commission is requested to make its own arrangements for visiting the college on a date convenient to the members and the Principal of the college who is being informed of the appointment of the Commission by the Syndicate.

Letter, No. 7237, dated October 4, 1917, from the Registrar, University of Madras, to the Director of Public Instruction, Madras.

With reference to your letter, No. 795, dated the 25th September last applying for the further affiliation of the Ceded Districts College at Anantapur in Group i of the Intermediate Courses, I have the honour, by direction, to inform you that the Syndicate has appointed the following Commission to conduct a local inquiry in the college in accordance with the provisions of Section 21 (2) of the Indian Universities Act:—

E. B. Ross, Esq., M.A.

E. P. Metcalfe, Esq., M.A.

F. L. Usher, Esq., M.A.

Mr. Ross has been requested to act as Convener of the Commission, which has been requested to make its own arrangements with the Principal of the college for a suitable date to inspect the college.

Letter, dated November 24, 1917, from E. B. Ross, Esq., to the Registrar, University of Madras

I have the honour to submit the report of the Commission appointed to conduct the local inquiry in connection with the application for the affiliation of the Ceded Districts College in Group i of the Intermediate Course.

I return herewith the papers in connection with the application which were sent to me.

Report of the Commission for the local inquiry in connection with the application for the affiliation of the Ceded Districts College, Anantapur, in Group i of the Intermediate Course.

The Commission visited the college on October 30, 1917. The Commission was concerned mainly with the three optional subjects of Group i; but it seems desirable to mention that it is proposed to add to the existing hostel accommodation to provide for the increasing number of students. The only other general subject calling for remark is that, the initial grant for the library not being expended, no annual allocation has yet been made; it is desirable that this be done soon.

The separate reports on the three subjects follow.

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Report on the provision for the teaching of Mathematics.

Accommodation.

This is adequate for the present number of students. When the number increases, a larger room will be needed, and one is available.

Equipment.

The equipment is satisfactory.

Library.

The library is well furnished with books for the use of the staff; somewhat less so with books for the students, these will naturally be provided out of the annual grant mentioned above.

Staff.

The lecturer is well qualified for his post. It is undesirable, however, that he should continue to be an assistant to the science lecturer. There can be no objection to the arrangement by which he gives some hours to the students of the training school. The time-table and arrangement of the course is satisfactory.

In my opinion, subject to the remark under staff, the conditions for affiliation in mathematics have been complied with.

E. B. ROSS.

Report on the arrangements for teaching Chemistry in the Ceded Districts College, Anantapur.

Accommodation.

The Chemistry rooms are all on the first floor, and are well lighted and ventilated. They consist of (i) Preparation and balance room, 20' x 20', (ii) Laboratory 30' x 20', and (iii) Lecture Theatre 20' x 20', situated in the order named. It is proposed to add a small store room, 12' x 20', next to the Lecture Theatre; but as it has to be placed on top of a battery room of which the building is not yet started, some time must elapse before it is ready. As regards the Laboratory, there is sufficient space for sixteen students working at one time, but this number cannot be increased. The Lecture Theatre can seat forty without undue crowding. It is proposed ultimately to have two classes of thirty-two each, which will do practical work in batches of sixteen. If these numbers are not exceeded, the laboratory and lecture room accommodation will be sufficient.

The only other room at present existing is the 'Preparation and Balance Room', 20' x 20'. In this it is proposed to carry out the preparation of reagents and all other work in connection with the practical classes, and also to keep the balances for the students' weighings. It is impracticable to keep balances in the same room where any chemical work is also done, but since this room is large enough for both purposes, it will be necessary to erect a partition (which could be of matched boarding or of reinforced concrete) so as to divide it into two portions with no opening of any sort between them. The preparation room thus formed should be next to the Laboratory, and might, if necessary, communicate with it directly; but the balance room should open only on to the verandah. I should recommend the dimensions 12' x 20' for the preparation and 8' x 20' for the balance room.

No accommodation is provided either for lecture preparation work (which is just as necessary as preparation for practical classes), or for any member of the teaching staff. I am strongly of opinion that a teacher cannot remain efficient unless he engages in some practical work on his own account; and a small room, 12' x 20', adjoining the Lecture Theatre, would serve both for this purpose and as a lecture preparation room. The room which it is proposed to build in this position is of the dimensions just stated, and is intended to be used as a store; it is, however, too small for the storage of apparatus and chemicals for the use of sixty-four students. For this purpose it will be necessary either to build another room over the projected dynamo room (30' x 20'), or to make use of the room next

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to the preparation and balance room and at present occupied by the Principal. The former alternative is to be preferred.

Service.

There is at present no gas or water supply. A low pressure gas plant is in course of erection by Messrs. Mansfield, and will be sufficient. It is proposed to pump well water to a tank thirty-five feet above the ground level, and for the storage of this a tank of about 225 gallons capacity is to be installed. Considering that sixty-four students will be working, that the water is to supply both the Physics and the Chemistry departments, and that a practically continuous stream will be required for the distilled water apparatus, the proposed tank is too small. It should be of at least 500 gallons capacity.

Equipment.

The furniture for the lecture room, laboratory, and preparation room, has been made in Madras, and appears to be well designed and adequate to its purpose. Some additional furniture will probably be required for stores, but this will involve only a small expenditure. The present supply of chemicals is sufficient to enable the classes to be carried on for a few months, but the supply of apparatus is totally inadequate. Not only is necessary lecture apparatus wanting, but there are no reagent bottles, without which it is impossible to carry on practical work. I have examined the indents which were prepared sometime ago, and am satisfied that no effort has been spared to make proper provision in respect of apparatus and chemicals. The present deficiency is obviously due solely to war conditions; but the fact remains that with the existing supply lectures must be unsatisfactory and much of the practical work impossible.

Library.

The books on Chemistry are kept with the rest of the library on the ground floor. They have been well chosen and are quite sufficient for the present needs of the college.

Establishment.

The teaching work is now divided between Mr. V. Appa Rao, M.A., L.T., and Mr. T. N. Krishnaswami, M.A., L.T. The former is on Rs. 200 and the latter on Rs. 100 per mensem. Both are Physics graduates, and are jointly responsible for the whole of the teaching in Mathematics, Physics, and Chemistry. They each do two hours a week in other departments of the college. I am of opinion that an additional man is required, and that he should be a graduate in Chemistry. The time-table work in Chemistry, when the classes are at their expected strength, will be 4-5 hours lectures, and eight hours' practical work. To these hours must be added the time necessary for preparation both for lectures and practical classes—work that in large colleges is carried out to some extent by assistants—and time for correcting notebooks, amounting to about ten hours a week for sixty-four students. As much the same amount of time is required for Physics, it is evident that there will be far too much work in Mathematics, Physics, and Chemistry, for two men; and since another science graduate is needed, it is obviously desirable that he should have graduated in Chemistry.

The menial staff will consist of two attenders on Rs. 12, one each for Physics and Chemistry. These will be sufficient provided that they are employed solely in their own departments.

Financial.

As this is a Government College there is no question of the adequacy of its financial resources. The present provision for Physics and Chemistry together consists of an annual grant of Rs. 5,000 for apparatus and material, and a contingent grant of Rs. 800 and this is satisfactory.

General.

The chemical department is, on the whole, in a decidedly embryonic condition; and although there is evidence of the intention on the part of those concerned to make due provision for the proper teaching of the subject, abnormal conditions have hindered the attainment of that object.

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In these circumstances it is unfortunate that the Junior Intermediate Class has been started, since some months must still elapse before the buildings and the gas and water supplies are ready, and it is impossible to predict when the necessary European stores will arrive. It appears to me that it is a great mistake to start classes in a subject in which affiliation is sought before a local enquiry has taken place, or at least before the provision which it is intended to make has actually been made. In the present case there is no question that the college is deficient in many particulars which are essential to the proper teaching of Chemistry. I am satisfied that most of these deficiencies will be made good, but until they are, I do not consider that affiliation should be granted.

I am of opinion that the application for affiliation should be renewed when the arrangements for accommodation and for gas and water service are complete, and when the apparatus and chemicals already indented for have arrived; and that affiliation should then be recommended provided that assurances are given

- (i) that a partition has been erected in the preparation and balance room;
- (ii) that an additional room for the storage of apparatus and chemicals has been provided, the projected room, 12' x 20', being used as a lecture preparation room;
- (iii) that the water tank installed has a capacity of at least 500 gallons;
- (iv) that an additional Science Assistant who has graduated in Chemistry will be appointed not later than the end of the first year.

F. L. USHER.

Report on the arrangements for teaching Physics in the Ceded Districts College, Anantapur

Accommodation.

The Physics department is located on the ground floor of the college. There are at present a Physics lecture room, a laboratory and a small apparatus store. The lecture room and laboratory may be considered suitable for classes of thirty-two and sixteen respectively, so that two Intermediate classes of thirty-two each may easily be accommodated. The apparatus room is not large enough, but there is another fair-sized room adjoining the laboratory at present vacant which should be used to provide additional space for apparatus and at the same time serve as a preparation room. It is proposed to erect a dynamo room, to be large enough to contain a small workshop. This is quite necessary. A battery room is also to be built to house a storage battery. When these rooms shall have been added, the accommodation may be considered satisfactory.

Equipment.

At present the college lacks water, gas and electricity supplies. The water and gas systems and the drains are being put in, but will probably not be working before next session. The dynamo, battery and wiring are, I understand, not even ordered yet. In this connection I may say that a compound wound dynamo (with series cut-out) with a variable voltage to about 110 volts of about two and a half kilowatts and a forty or forty-five cell battery with a seven hour discharge rate of about twenty amperes would in my opinion form a suitable generating plant. The wiring system should allow of a choice of three or four voltages at several points in the three main rooms.

The furniture of the lecture room and the laboratory appears sufficiently good.

The supply of apparatus is totally inadequate and must remain so until the arrival of instruments and material from Europe or America. The apparatus needed cannot be bought in India. It is quite impossible to teach the Intermediate Course properly with the very meagre stock in hand.

Library.

This would be the better for some additions, but there is no immediate necessity for more books just at present.

Staff.

8
The gentleman in charge of the Physics teaching is in every way quite competent. He will need an additional laboratory attender and perhaps a demonstrator when the two full classes are working.

Money grants.

This year a sum of Rs. 5,000 has been granted for apparatus and materials for Physics and Chemistry. This is in addition to a contingent grant of Rs. 800. This may be considered satisfactory. The difficulty will be to spend the money properly and to obtain delivery of the goods in these disturbed times.

In view of the unprepared state of the college to teach the Intermediate Course in Physics, I cannot recommend that affiliation be granted. There can be no doubt, of course, of the Government's readiness to supply funds and to accelerate construction. But the fact remains that there is no equipment worth mentioning, and that it is almost impossible to obtain it just now. I consider that under the circumstances the class of sixteen students, who have been admitted in anticipation of affiliation, should not have been formed.

E. P. METCALFE.

Letter, No. 361, dated January 17, 1918, from the Registrar, University of Madras to the Director of Public Instruction, Madras.

With reference to your letter, No. 795 of 1917, dated September 25 last forwarding an application from the Principal, Ceded Districts College, Anantapur, for the further affiliation of the college in Group i of the Intermediate Courses, I have the honour, by direction of the Syndicate, to communicate to you a copy of the report of the Commission appointed to conduct a local inquiry at the college and to invite your attention to the defects therein indicated with an inquiry as to how far arrangements can be made to remedy them. The favour of an early reply is requested.

Letter, No. 795, dated February 5, 1918, from the Director of Public Instruction, Madras, to the Registrar, University of Madras.

With reference to correspondence ending with your letter, No. 361, dated January 17, 1918, regarding the affiliation of the Ceded Districts College, Anantapur, in Group i of the Intermediate course, I have the honour to forward herewith a letter from M.R.Ry. S. E. Ranganadhan Ayl., the Principal, containing his remarks with regard to the several defects noted in the report of the Commission appointed to conduct a local inquiry at the college and to state that the mathematics and science staff will be re-organized from the beginning of next term and that the need for a Chemistry graduate on it will be kept in view.

Letter, No. 328/17, dated January 31, 1918, from the Principal, Ceded Districts College, Anantapur, to the Director of Public Instruction, Madras.

I have the honour to submit the following remarks on the points dealt with by the University Commission *seriatim* :—

General.

1. There is accommodation in the college hostel for thirty boarders and this is sufficient for present needs. As I have pointed out in the annual report for 1916-17 however, it will be necessary to put up additional blocks when there is a substantial increase in the strength of the college.

2. Out of the annual grant for the library for 1917-18 a sum of Rs. 300 was allocated for Group i and books of that approximate value have been already added to the Science section.

Mathematics.

3. The Assistant Lecturer works directly under the Principal and is not an assistant to the Science Lecturer.

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Chemistry.

4. The Superintending Engineer may be requested to erect a partition in the preparation and balance room, as suggested in the report.

5. The lecture experiments are now done on the lecture table in the Chemistry lecture theatre, and this may be continued for some time without any difficulty. A separate lecture preparation room is, however, desirable and the room now under construction (12' x 20') next to the lecture theatre may be utilized for the purpose. In that case, a large room (30' x 20') immediately above the dynamo room would have to be built for the storage of apparatus and chemicals, as suggested by Mr. Usher.

6. The gas producer was erected and handed over in working order more than a month ago and gas is available at all desired points. The water pipes have also been laid and water is available in the laboratories. A temporary tank is now in place and is filled periodically with water by coolies. The tank to be permanently installed has arrived and has a capacity of over 2,000 (two thousand) gallons. There is thus a regular supply of gas and water to the laboratories.

7. A supply of the required number of reagent bottles was received early in November last and since then practical work in Chemistry has been carried on satisfactorily. The chemicals which were not obtainable from Europe, have since been obtained from the Madras Medical Stores and Haryolal & Sons, Ambala. A further supply of chemicals and apparatus has been indented for from the above-mentioned firm and is expected shortly. The practical classes in Chemistry can, therefore, be conducted fairly satisfactorily.

An indent for additional chemical lecture apparatus has been sent to England, and it is hoped that the things will arrive by next July.

I wrote in my office Re. 282/17, August 15, 1917, requesting the appointment of a Chemistry Lecturer in July next. No reply to that communication has yet been received by me. I think that, for the efficient working of the Science department, a graduate in Chemistry is absolutely necessary, in addition to the Physics and Mathematics lecturers.

Physics.

9. The dynamo and battery rooms are under construction and are expected to be completed before the end of the official year. A mechanic on Rs. 30--40 has been sanctioned from July next, and he will be attached to the small workshop to be located in the dynamo room. Tools necessary for the workshop have been indented for.

Messrs. Crompton & Co. and Siemen Brothers have expressed their inability to supply immediately the plant necessary for the supply of electricity to the college. Current electricity is, however, not absolutely required till towards the end of the senior course, and it is hoped that it will be possible to have the electrical installation by that time.

Meanwhile, a dynamo with a high voltage, belonging to the local Municipal High School but unused by it, is available. The Junior Lecturer is trying to find out whether it would be possible to make use of it.

10. Practical work in Physics has been carried on satisfactorily from the beginning of the academical year. Certain exercises in hydrostatics and dynamics were not possible till now for want of the necessary apparatus. This however, is* now being made by Messrs. Oakes & Co., under the kind direction of Mr. R. Ll. Jones, Professor of Physics, Presidency College, Madras. The work which is being done in the junior class may, therefore be considered quite satisfactory. In regard to the senior class to be opened in July next, apparatus and material for certain exercises in light and current electricity are not in stock at present. These have been indented for and are expected to arrive in time. If for any reason some of them do not arrive, it would still be possible to carry on the work by getting a loan of the things from the local Municipal High School. The Commission's Report forwarded with N.R.C. No. 795/17, dated January 21, 1918, is herewith submitted.

* He now informs me that it is finished. J. H. S.

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Letter, No. 797 of 1917, dated February 8, 1918, from the Director of Public Instruction, Madras, to the Registrar, Madras University, Madras

In continuation of my letter, R. C. No. 795/17 dated February 5, 1918, regarding the affiliation of the Ceded Districts College, Anantapur, in Group i of the Intermediate Course, I have the honour to state that a barometer for the college has since been received from Calcutta and that certain apparatus required for teaching Hydrostatics and Dynamics is being got up under the supervision of the Professor of Physics, Presidency College, and is* almost ready for despatch to Anantapur. It may also be presumed that spare science apparatus would be available at the Rajahmundry or other Government colleges for use in the Ceded Districts College and that I am making enquiries about it.

The Syndicate considered the above communications, together with the whole correspondence, at its meeting held on February 18, 1918, and resolved to recommend the Senate to record its opinion that the application for affiliation may be granted by the Government.

Francis D. B. S. Registrar

* It has since been ascertained that it was despatched to Anantapur on the 7th instant.

Home (Edw) Duff

Subject. le. 61 of B, from the Regt, univ. of Madras,
No. 1844, d/ the 16th March '18

Further affiliation
of the loaded districts
colleges, Anantapur

A draft order sanction

C.F. -ing the further affiliation
applied for is subd. Since the
loaded districts college is
a Govt. institution and as the
proposal for affiliation was
initiated by the D.P.D. himself,
it is dearesty necessary to consult
him over again.

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CR.
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21.3.18
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W E M Governor
LWS
22.3.18

P
23.3.18.

394 Home (Edw) M 22.3.18
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How interesting!

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