

Home (1918) Department.
Education

Ordinary SERIES.

G.O. No. 454

DATED 8. 4. 18

INDEXED

[Despatch Abstract.]

Affiliation.

Sanctioning the further affiliation to the University of Madras of the Maharaja's College, Vizianagram, in group ii A Physical Science of the B. A. Degree courses.

BACK PAPERS.

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

FURTHER PAPERS.

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



Enclosures.

UNIVERSITY OF MADRAS

No. 1843

SENATE HOUSE, 16 MAR 1918

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 Principal, Maharaja's College, Vizianagram, for the further affiliation of the College in Group (ii-A) of the B.A. Degree 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.



Encl B
C70.609
Reg: 18.3.8

Extract from the Minutes of the Syndicate dated 17th
December 1917.

Read letter No.472, dated November 29, 1917, from the Principal, Maharajah's College, Vizianagram, applying for affiliation of the College in Group (ii-A) - Physical Science of the B.A. Degree Courses;

together with the report thereon of the Affiliation Committee of the Syndicate.

Resolved that Mr. R. Littlehailes be appointed to conduct a local inquiry at the College.

Extract from the Minutes of the Syndicate dated 5th
February 1918.

Read letter dated February 2, 1918, from Mr. R. Littlehailes submitting his report of a local inquiry conducted by him in connection with the application from the Principal, Maharajah's College, Vizianagram, for the further affiliation of the College in Group (ii-A) of the B.A. Degree Courses,

together with the report thereon of the Affiliation Committee of the Syndicate.

Resolved that a copy of the report be furnished to the Management of the College with the information that, subject to the acceptance of the condition for affiliation therein contained, the Syndicate will be prepared to recommend the Senate to record its opinion that the affiliation should be granted by the Government.

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

Read letter No.648, dated February 15, 1918, from the Principal, Maharajah's College, Vizianagram, stating that the

3/ Management of the College accepts the conditions mentioned in the local inquiry report under which application for the further affiliation of the College in Group (ii-A) of the B.A. Degree Courses would be recommended.

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

/True Extracts/

Senate House,
March, 15, 1918.

Francis Ouseph
Registrar.

4
UNIVERSITY OF MADRAS.

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

Mr. K. Ramunni Menon moved

and

Mr. R. Littlehailes seconded:

That the Senate record its opinion that the application from the Principal, Maharajah's College, Vizianagram, for the further affiliation of the College in Group (ii-A) of the B.A. Degree Courses may be granted by the Government.

Carried.

/True Extract/

Senate House,
March 15, 1918.

Francis Ouseph
Registrar.

University of Madras

Report of the Syndicate upon the application from the Principal, Maharaja's College, Vizianagram, for the further affiliation of the college, in Group (ii-A) of the B.A. Degree Courses.

The Syndicate reports the following correspondence relative to this application.

Letter, No. 472, dated November 29, 1917, from the Principal, Maharaja's College, Vizianagram to the Registrar, University of Madras

I have the honour to state that I have been directed by the Trustee of the Vizianagram Samasthanam to apply for affiliation of the Maharaja's College, Vizianagram, in Branch (ii-A) Physical Science.

The college is affiliated in Group (i) of the Intermediate courses. As regards the B.A. courses, it is affiliated in Branches (i) and (ii-B) Mathematics and Chemistry. As the college teaches the above subjects so closely related to Physics, the Samasthanam authorities wish to get it affiliated in ii-A Physics also.

I know that there is a dearth of Physics graduates in these parts and that it is keenly felt by headmasters of Secondary Schools, as they find it difficult to get men from the South, who possess a knowledge of Telugu. I myself tried more than once to get a Physics graduate knowing Telugu, for the Secondary Department attached to our college but failed. Apart from other reasons, the opening of a Physics Section of the B.A. Class in this college will supply a real want.

With regard to information to be furnished under Regulation 373, I submit the following:

1. *Management*.—The college is under the direct control of the Trustee of the Vizianagram Samasthanam who is a member of the Indian Civil Service. He is the head of the administration of the estate.

2. *Teaching staff*.—The teaching staff will consist of three persons—
Mr. A. L. Narayan, M.A.
„ K. Janaki Rao, B.A., L.T.
„ G. Subrahmanyam, B.A.

The first is a Master of Arts of the Madras University in Physics. He has five and a half years' experience, three and a half years as a Lecturer in this institution and two years as a Demonstrator in Physics in the Government College, Rajahmundry.

The second, though only a graduate, underwent a course of training in the Physical Laboratory of the Presidency College under Professor R. Ll. Jones with a view to qualify to teach Physics to students studying Chemistry for the B.A. Degree Examination.

The third, is a graduate in Physics and has been a Demonstrator for about two years.

3. *Laboratory*.

Accommodation. It consists of—

- (a) A hall 42' x 33', used for practical work of the Intermediate classes.
- (b) 4 rooms 15' 6" x 21' 4" each. Two of them are used for experimental work in Heat and Sound and one of the other two is used for stores. The fourth is used as a private room by the Lecturers.
- (c) Dark-room 16' x 41' used for optical work.
- (d) One lecture theatre 32' 6" x 37'.
- (e) One library 32' 6" x 9'.

All these rooms are upstairs. Corresponding to the last three, on the ground floor, are—

- (f) One room for General Physics 15' 6" x 31' 9".
- (g) One electrical laboratory 37' x 31' 9".
- (h) One battery room 31' 9" x 9'.

Workshop 31' x 16'. It is sanctioned and the work will start almost immediately. A mechanic has already been employed and he will be in charge of the Workshop.

Equipment.—With a view to get the college affiliated in ii-A Physics, the authorities have been purchasing Physical apparatus for the last three years. A sum of Rs. 10,500 has been provided this year for apparatus obtained and to be obtained before July, 1918. Even as it is, the college has a good laboratory and it is supplied with water, gas and electricity. I may add that the Trustee of the Samasthanam is prepared to sanction whatever is necessary in order that studies in Physics may be carried on satisfactorily in the institution.

4. *Library.*

The general library contains 9,700 volumes. A sum of Rs. 2,000 has been sanctioned this year of which Rs. 600 is spent on books on Physics.

5. *Financial Resources.*

As regards the financial resources of the college. It is maintained by the Vizianagram Samasthanam which is the premier Zamindari in this Presidency.

6. I have already referred to the dearth of Physics graduates in the Telugu Districts. The Government College, Rajahmundry, is the only institution in the Telugu country which teaches Physics up to the B.A. standard. Under the circumstances, I am sure that the opening of a Physics section of the B.A. class here will not be injurious to the true interests of education or discipline.

7. As fees are levied at standard rates, there will be no competition with any other institution teaching the same subject in the Telugu Districts.

8. I beg to assure the Syndicate that transfer of management and changes in the teaching staff, will be duly reported to it.

Having been directed by the Trustee of the Samasthanam to consult Professor R. L. Jones of the Presidency College before formally applying for affiliation, I have done so. Professor R. L. Jones has kindly looked into the lists of Physical apparatus already purchased and ordered for the laboratory and advised me to inform the Syndicate that the college will have only a limited number, not exceeding four, when the work is started and that the number may be raised later, when more sets of necessary apparatus are obtained. As it is proposed to open a Physics section of the B.A. class in July, 1918, I request that the Syndicate will be pleased to arrange for a local inquiry so that it may be able to place its views before the Senate at its March meeting.

Letter, No. 9330, dated December 20, 1917, from the Registrar, University of Madras, to R. Littlehailes, Esq., M.A.

An application has been received from the Principal, Maharaja's College, Vizianagram, for further affiliation of the college in Group (ii-A)—Physical Science—of the B.A. Degree courses, and the Syndicate has accordingly appointed you to conduct a local inquiry at the college under Section 21 (2) (a) of the Indian Universities Act, 1904.

It is presumed that you will be willing to undertake the duty. I have to ask you to be so good as to take the necessary action at an early date and to fix the date of your visit to the college in consultation with the Principal. I have further to request that your report should be submitted to the Syndicate without being disclosed to the authorities of the college.

The application is herewith sent in original.

Letter, No. 9331, dated December 20, 1917, from the Registrar, University of Madras, to the Principal, Maharaja's College, Vizianagram.

With reference to your letter, No. 472, dated November 29, 1917, applying for the further affiliation of your college in Group (ii-A)—Physical Science—of the B.A. Degree courses, I have the honour, by direction to inform you that the Syndicate has appointed Mr. R. Littlehailes, M.A., to conduct a local inquiry at the college under Section 21 (2) (a) of the Indian Universities Act, 1904. He has been requested to fix the date of his visit to the college in consultation with you.

Letter, dated February 2, 1918, from Mr. R. Littlehailes, to the Registrar, University of Madras

Adverting to your number 9330, dated December 20, 1917, I have to report that I inspected the Maharaja's College, Vizianagram, on January 3 and 4, 1918.

Conditions and provision are essentially as indicated in the letter of the Principal to the Registrar No. 472, dated November 29, 1917. It is needless for me to restate what is therein contained.

The course in ii-A, Physical Science, includes not only Physics, but also some Mathematics and some Chemistry. The provision for offering additional instruction in Mathematics and in Chemistry had to be considered at the time of my visit to Vizianagram, in addition to that offered in Physics. My remarks apply to such conditions as would be in force by restricting the number of admissions to ii-A to four students (each year) as indicated in the last paragraph of the letter of the Principal of the College. If it is at a later date proposed to admit more than four students any year—or to have more than eight students working in Group ii-A at any time—the staff and accommodation in Chemistry should be looked into by some one with more technical knowledge of Chemistry than I possess. The addition of four pupils to a class of Mathematics about eighteen or twenty strong makes practically no difference to the working conditions and so far as this subject is concerned conditions may be considered satisfactory, both now and under the proposed additional affiliation.

Staff:—Physics.

The staff may be accepted so long as there is only a junior B.A. class. An additional assistant or demonstrator will be required when the Senior B.A. class is formed. The present assistant (K. Janaki Rao) is a graduate in Chemistry, and I am prepared to recommend his acceptance only by virtue of the fact that he has subjected himself to a training in a Physics laboratory under Mr. Jones, who testifies to his qualifications for working in a Physics laboratory. It is ordinarily very undesirable and against the best interests of education to appoint a graduate in Chemistry to teach Physics or to appoint a graduate with only a pass degree to teach up to a B.A. standard, and it is only in the exceptional circumstances of this case including a consideration of the undoubted difficulty of obtaining Telugu graduates that I am able to recommend his retention.

Chemistry.—An additional demonstrator in Chemistry is to be appointed in July, 1918, I was informed. This should satisfy the staff requirements of this department of the college.

Accommodation.

This is generally sufficient, but I am doubtful whether the best use is being made of the rooms available. Experience will probably show the lecturer that the room now used for stores would make a larger and more convenient library and reading room than the one set apart for the purpose, that the experiments in sound would be more suitably arranged on the ground floor adjoining those on general Physics, that some optional experiments will have to be arranged for elsewhere than in the dark room provided (an excellent room, by the way) and that the petrol gas engine and generator should be screened off from the remainder of the room by expanded metal.

Workshop.—The erection of a workshop was suspended since it was found that the site was unsuitable, the building threatening to block necessary light from the chemical laboratories. It was proposed, during my visit, to make a workshop adjoining the electrical room—the space being 34' x 11'. This would be a more convenient place from the standpoint of the lecturer and the mechanic and early steps should be taken to have the work put in hand. The mechanic is at present using space that will be required by the students if affiliation in ii-A is granted. It is proposed to obtain additional machines among them a fan driven forge; at present the college possesses a screw cutting and turning lathe, with accessories, a drilling machine, a polishing machine, a grindstone, dies and taps and tools. The most urgent need of the college at the time of my visit was the erection and complete fitting of a workshop. It was promised that this would be done as soon as possible.

Library :—Books.

The library is scrappy, being fairly well supplied in some portions of the subject, but lacking in sufficient books of reference in others; additions are required especially in sound (and vibrations in general) and in the mathematical treatment of Physics including mechanics.

Periodicals.

The only periodicals of a scientific nature taken in are *Nature* and the *Philosophical Magazine*. This does not suffice for a college affiliated up to a B.A. standard especially in a mofussil town where no other library than that of the college is generally available. Science Abstracts should be obtained and at least one of the proceedings of one of the learned Societies of Europe—preferably of the Physical Society.

Apparatus.

The college possesses a very fair supply, but certain pieces of apparatus are still required. I was shown one list of apparatus which has been ordered and another which was further required and proposed to be purchased. Both were suitable and would make equipment satisfactory. The cost of the former was estimated at Rs. 5,000 and the latter at Rs. 8,000. It is extremely difficult to obtain at present imported apparatus, but it is only on condition that the management endeavours to obtain and promise to obtain—and I understand that the management is so willing—as soon as possible the apparatus contained in the lists I inspected that I can consider the equipment satisfactory.

Allotments.

Rupees 3,000 is allotted per annum for Physics apparatus and Rs. 200 per annum for Physics Library books. These allotments suffice in view of the fact that special grant may be made at other times when found necessary.

The supply of water, gas (Mansfield plant, holder 2000 cubic ft. capacity) and electricity—(60 Volts, obtained from thirty cells, generated by dynamo run by a five horse power petrol engine) are satisfactory—as also are the courses and general management of the laboratories.

I recommend that affiliation be recommended on condition that the number of students admitted are restricted to four each year or eight in all—application for increased admissions necessitating further investigation by the Syndicate especially in the provision made in Chemistry—and that promise is obtained that the suggestions contained in the above report will be given effect to.

R. LITTLEHAILES.

Letter, No. 948, dated February 6, 1918, from the Registrar, University of Madras to the Principal, Maharajah's College Vizianagram

In forwarding herewith by direction of the Syndicate, a copy of the Report on the local inquiry conducted by Mr. R. Littlehailes in connection with the application for the further affiliation of your College in Group (ii-A) of the B.A. Degree Courses, I have the honour to inform you that the Syndicate has resolved that, subject to the acceptance by the management of the College of the conditions for such affiliation therein specified, the Senate may be recommended to record its opinion that the further affiliation may be granted by the Government. I have therefore to request that if the management is prepared to give the required assurance on the points raised in the Report a statement to that effect may be furnished at a *very early date* so that the application may be placed before the March meeting of the Senate for consideration.

Letter No. 648 dated February 15, 1918, from the Principal, Maharaja's College, Vizianagram to the Registrar University of Madras

With reference to your letter No. 948 dated February 6, 1918, stating that the Syndicate has resolved to recommend the Senate to record its opinion that the further affiliation of the Maharaja's college, Vizianagram, in Group (ii-A) of the B.A. Degree courses may be granted by the Government provided the Management of the College accepts the conditions specified in the report of Mr. R. Littlehailes who visited the college to make the local inquiry required under Regulation No. 374, I am directed to inform you, that the Management accepts the conditions mentioned in the report referred to above.

I therefore request that the Syndicate will be pleased to place its recommendation before the March meeting of the Senate.

The Syndicate considered the above communication, 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 Brashinsky
Registrar.

Box 24
Circ 574
Rtd 8/4/18

NOTES.

None Dept.

(Ed. 3)
1843, 16.3.18

le. 609/B, from the Regt. Waini of Madras, 1843, 16.3.18
Subject:- Further affiliation of the
Maharajah's College, Vizianagaram.

The application for
affiliation may as usual be
referred w/o to the D.P.G. for
remarks in the first instance.

Ch
18.3.18.

Ch
20.3.18

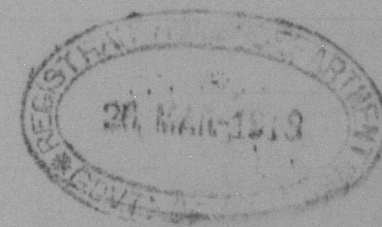
Conno. 609B +
20.3.18

D.P.D. 10

No. 118 & 26.3.18

The application may be
forwarded

for
28.3.18.



None Dept.
(Ed. 3)

A draft order is Suled.

Ch
3.4.18

Ch
4.4.18

Ch
3.4.18

H.E. the Governor

LWS
5.4.18

6- APR 1918

Issue
LWS
sent

Sanctioning the furthest affliction

READ AGAIN G.O. No., dated 191

” ” ” ” ” 191

READ ALSO:—

C. No. 609/B From the Regt, review of, No. 1843, dated 16-3-1918
Madras

191

” ” ” ” ” ” ” ” 191

ORDER.

MCS.

No. 454, dated 8. 4. 1918.

Under Section 21 (4)
of the Indian Universities
Act, 1904, the Government and
Council is pleased to
sanction the further affiliation
to the University of Madras
of the Mahantaja's College,
Vizianagaram, and Group (ii.A)
- Physical Sciences of the B.A.
Degree Courses of Study.

280
To The Regt. Commr. of Madras
Copy to the D.P.O.
S. S. P. (for publication of
order in Gazette)
Gazetted on 16-4-18.

191

DATED

Судант No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH LITTO.

PAPERS NOT FILED UP, BEING WANT FOR DISPATCH
IN ORIGINAL.

H.B.—

A = Copy in full.
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