

Edw (1946) Department.

MS SERIES.

G.O. NO. 2454 Edu

Dated

23-12-46

[Despatch Abstract.]

Sub. College - Presidency - Physics and Chemistry
Depl - Employment of addl Strikers
and attendants - Sanctioned.

Back Papers.

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

Further Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
G.O.	1298	Edn.	24-5-48				

Education Department.

From

Dr. S.R.U. Savor, M.A., D.Sc., I.E.S.,
Director of Public Instruction, Madras

To

The Secretary to the Government of Madras,
Education and Public Health Department,
Fort St. George, Madras.

R.C.No.5275-K2/46 dated 20th September, 1946.



Presidency College, Madras--Employment of a Store-Keeper
and two attenders for the Physics Department.

I have the honour to request that Government may be
pleased to sanction the employment of a store-keeper in the
scale of Rs. 30-55 and 2 additional attenders on Rs. 19-30 for the
Physics Department of the Presidency College, with effect from
July 1947.

2. The Principal, Presidency College, points out that
at present the Professor has to attend to correspondence in
connection with the purchase of stores, entering them in the
stock book and issue stores to the members of the staff,
mechanic, research students, Honours students and finally re-
place them in their places. The considerable time devoted by
the Professor to this work could be more usefully devoted to
the supervision of study and laboratory work of the students.
This will be possible only when a separate store-keeper is
appointed. There is already a storekeeper for the Chemistry
Department and I recommend that a similar store-keeper for the
Physics Department also may be sanctioned.

3. There are at present 9 attenders for the Physics Depart-
ment. Three attenders are working in the Intermediate
laboratory, 2 attenders in the B.Sc. Laboratory, one attender
partly attached to the B.Sc. laboratory and partly to workshop
2 attenders in charge of Honours laboratory and one attender in
charge of demonstration for lecture classes. The Intermediate
class is at present working in 7 batches and on two days there
is work both in the forenoon and afternoon. On these days
apparatus of 80 students have to be arranged and various little
items have to be issued to them. The Principal states that it
is not possible for one attender to arrange apparatus and to
attend to more than 20 students and that one more attender is
required. There is at present one attender in charge of demon-
stration for lecture classes. The Principal states that due to
the increase in the strength and consequent increase in lecture
hours, one attender is not able to attend on the lecture for
demonstration and that an additional attender is absolutely
necessary. I recommend that two additional attenders may
kindly be sanctioned.

4. The extra cost in 1947-48 and in the ultimate years will
be Rs. 500/- and Rs. 1,100/- respectively as shown below:

1 Store-Keeper in the scale of Rs. 30-55	..	Rs. 240/-
2 attenders in the scale of Rs. 19-30	..	304/-
		Rs. 544/-

or Rs. 500/- in round figures.

ULTIMATE COST:

Average pay of a store keeper .. Rs. 42½ x 12 ..	Rs. 505/-
Average pay of 2 attenders .. Rs. 25 x 12 x 2 ..	Rs. 600/-
Total ..	Rs. 1,105/-

or Rs. 1,100/- in round figures.

(P.T.O.)

17 1/2
12
210
216
426
225
267

18 1/2
32
50 x 12 = 600
18 x 12 = 216

1105
505
408
216
1105

5. I am including the necessary provision in Part II of the Budget Estimate for 1947-48.

I have the honour to be,
Sir,
Your most obedient servant,

For Director of Public Instruction,

Copy to Budget & K Sections.

ks.21-9.

ROC.No.6897 K2/46.

Office of the Director of Public Instruction, Madras, dated 3-10-46.

From

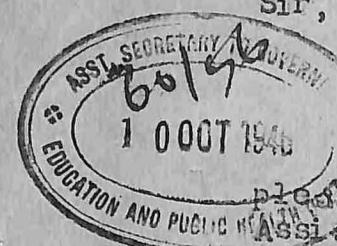
Dr. S.R.U. Savor, M.A., D.Sc., I.E.S.
Director of Public Instruction, Madras.

To

The Secretary to Government,
Education & Public Health Department, Madras.

Sir,

Sub: Presidency College, Madras - Employment of an Assistant Store-keeper for the Chemistry department.



I have the honour to request that Government may be pleased to sanction the employment in the current year of an Assistant Store-keeper in the scale of Rs.50-55 for the Chemistry Department of the Presidency College, Madras.

2. The stores attached to the Chemistry Department of the College has expanded a great deal since the extensions to the department were completed. It is managed by a Store-keeper assisted by the attender and a peon. The attender as per qualifications possesses the minimum knowledge to be able to enter into the issue registers the names of chemicals and apparatus and the quantities issued daily. He is not in a position to help the store-keeper otherwise. The items of apparatus and chemicals for which an account has to be maintained is nearly 4000 with the increase in the strength of the College, the work of the staff attached to the stores and the storekeeper in particular has almost trebled. So much so that even if the store-keeper were to absent himself a couple of days on leave, the professor has to depute a demonstrator for duty to ensure the safety of the articles. I enclose for the information of Govt. an extract from the letter Roc.No.695/46, dated 11-9-46 detailing the duties assigned to the Store-keeper. The principal points out that an Assistant Store-keeper is urgently required for the department. The Asst. Store-keeper will not only relieve the pressure of work on the store-keeper but will also help in the up-keep of the stores in all possible ways.

5. In the circumstances, I request that sanction may kindly be accorded for the employment of an Assistant Store-keeper on Rs.50-55 with effect from 1-11-46.

TRB.7/10

for Director of Public Instruction.

EXTRACTS FROM THE PRESIDENCY COLLEGE PRINCIPAL'S LETTER DATED 11-9-46.

- (1) To issue sets of apparatus at the beginning of the year to all Honours, Post-Graduate, M.Sc., and Research students when the session commences.
- (2) To issue replacements of broken apparatus to the Intermediate and the B.Sc., laboratories
- (3) To issue reagents to the various laboratories, and since Saturdays have also become working days the increase in his work has been keenly felt.
- (4) To supervise daily issues to the Honours and Research students who take their requirements by ways of special and valuable chemicals and replacements of broken apparatus glass and porcelain from the stores.
- (5) On an average 100-120 items ARE issued daily and they have to be posted in the registers, for maintenance of stock.

P.T.O.

- (6) To carry on correspondence with the various firms for supplies of articles.
- (7) To enter into stock registers receipts of articles of indents placed with various firms and prepare bills for payments after checking.
- (8) To check articles received as per invoice, note any breakages or deficiencies in supply and deduct the corresponding cost from the bill.
- (9) Preparation of ordinary reagents for the bench which on account of the increase in strength has become a daily affair.
- (10) Despatch of emptied containers to various firms, and to go for inspection on receipt from the Railway authorities of information of damaged cases. On these occasions we have again to trouble the demonstrators for duty at the stores.
- (11) To look to periodical inspection of the stores against ravages by white ants, and in general to keep the stores in a tidy condition.
- (12) Preparation of indents of articles required (i.e.) ordinary laboratory ware and chemicals. This means that the stock has to be frequently looked into, so that the classes do not suffer through default.
- (13) Opening of cases of consignments received (100 cases are received per year including 30 carboys), check the invoices etc., and transfer acids from carboys into bottles.
- (14) Annual stock taking of chemicals (1400 items) apparatus (2000 ").

This does not include special physical chemistry apparatus, organic chemicals, etc. in the advanced laboratories, the valuable stock etc. which are done by the Assistant Professors and the Professor. The checking of the Stores is done under the Supervision of the Professor, during the summer vacation.

- (15) Receiving and checking apparatus from the Honours students at the close of the academic year and preparing the breakage statement for collection at the office before the students disperse.
- (16) Preparing of the statement of costs of chemicals and broken apparatus after the conclusion of the University Examinations and preparing the claim forms for cost of apparatus and chemicals supplied to the students in connection with the University Examinations."

M. Muhammad
 8.10.46

for Director of Public Instruction.

1/x

13/10/46 Memo. No. 55953 A/46-1 Edu & C. to Mr. E. J. H. (A)
 Part II Scheme 1947-48 - Presidency College, Madras - Employment of a Store Keeper and two addl. attenders for the Physics Dept.
very urgent
 From the D.P.I., R.C.N. 5245 N. 2/46 & 20-9-46.
 The D.P.I. is requested to furnish information on the following points:
 (1) The no. of students in each of the Chemistry and Physics Dept. of the Presidency College in the various Intermediate, B.Sc. etc. classes.
 Separate figures should be given of the strength in each class.
 (2) The no. of attenders in the Chemistry Dept. of the College and the work assigned to each.
 (3) He is also requested

6
~~whether the stores~~ ^{of relating to} ~~the Chemistry~~
~~are kept in the same place as the~~
~~Dept may not be able to look after the~~
~~stores of the Physics Dept. also, if an~~
~~attender is employed to assist him.~~

ES
 1-10-46 (4) whether the existing store-keeper
 cannot attend to the stores of the
 Physics Dept. also, with the help of
 an addl attender if necessary. ^{The DPE}

(5) whether the work now attended
 to by the professors in connection with
 the stores for the Chemistry cannot in
 part or full entrusted to an Asst. Professor
 or Demonstrator, and ^{of students}

(6) the increase in the strength and
~~new~~ lecture hours in the physics
 lecture and demonstration classes. ^{The DPE}

ES
 2-X-46 ^{3/10/46} (E) ^{8/2/46}

Special

Memo. No. 55953 A/46-2 Edu & 19/10/46 ^{DPH(A)}

Part II Schemes - 1947-48

Ref. Court Memo. No. 55953 A/46-1 Edu & 5-10-46
 " " 57155 A/46-1 Edu & 5-6-46
 " " 55954 A/46-1 Edu & 3-10-46

The DPE is requested to
 expedite his reply to the Court Memos cited
 and also to the T.M. re. conversion of language
 Asst. posts in 12th grade colleges into M.E.S. posts
 and revision of pay of Headmasters in Court
 Colleges.

To: The DPE

ES
 19-10-46 ^{19-X-46}

DM
 19/10/46

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Roc.No.5275 K2/46.

Office of the
Director of Public Instruction,
Madras, Dated 26-10-1946.

Handwritten signature/initials.

From
Dr. S.R.U. Savor, M.A., D.Sc., I.E.S.,
Director of Public Instruction, Madras.

To
The Secretary to Government,
Education and Public Health Department, Madras.

65680

Sir,
Sub:- Presidency College, Madras - Employment of a store-keeper
and two attenders for the Physics Department.

Ref:- Government Memorandum No.55953 A/46-1 Edn.,
dated 5-10-1946.



I have the honour to enclose herewith a copy of letter Roc.No.
695/46 dated 25-10-1946 from the Principal, Presidency College, Madras,
furnishing the particulars called for by Government.

2. The employment of an Assistant Store keeper for the Chemistry
Department of the College has been recommended in my letter Roc.No.6897
K2/46, dated 3-10-1946.

I have the honour to be,
Sir,
Your most obedient servant,

Handwritten signature.

For Director of Public Instruction

m.k.26/10.

Handwritten signature/initials.

I have the honour to submit the particulars required in Government Education and Health Department memorandum No. 55953-A/46 1 Adn., dated 5th October, 1946.

- (1) The number of students in the Chemistry and Physics Departments in Intermediate B.Sc., etc. courses.

	Chemistry	Physics.
Intermediate (Junior)	300	300
--Do-- (Senior)	226	226
III Main - Pass	40	30
Subsidiary	72	68
IV Main - Pass	40	22
Subsidiary	60	61
III, IV, V Honours & P.G.	38	III Hons 5
M.Sc.,	2	IV Hons 12
	778	V Hons 13
	-----	D.M.R. 13

		Research 1

		748

- (2) The number of attenders in the Chemistry Department of the College and the work assigned to each:--

Number of attenders in the Department is 6.

The distribution of work among the attenders is as follows:--

- (i) One attender attends to the Professor, and also to the V Honours students working the adjoining Physical Chemistry Laboratories (General Physical Chemistry Laboratory, Electro Chemistry Laboratory, Spectroscopy room, Optical room) besides the B.Sc., Lecture hall.
- (ii) One attender attends to the Additional Professor and also to the upkeep of Gas and water analysis room, Additional Professor's laboratory, Organic Laboratory where the research students as well as Honours students work.
- (iii) One attender is in charge of the Advanced Inorganic Laboratory where IV and III Honours students as also Post Graduate students work continuously. The attender is also to attend the class library and the adjoining general preparation laboratory.
- (iv) One attender is to work in the apparatus and chemical stores and help the storekeeper.
- (v) One attender is in charge of the Intermediate laboratory and the big lecture hall. He has to prepare for seven practical classes 64 students working in each, with an additional class coming next year. He is assisted by a peon. Simultaneous classes are also held in the Geology laboratory for 16 students working at a time in each batch and their needs have also to be attended to. Until the new laboratories proposed are constructed this will remain a permanent feature.
- (vi) One attender is in charge of the B.Sc., Laboratory where he has to attend to the work of the following classes.

III B.Sc., Pass (Main)	- 6 hours per week (3 classes with 40 students each)
IV --Do--	8 " 4 --Do--
III Subsidiary & Pass	8 " -do- in all 72 students
and Honours	8 " -do- in all 80 students
IV --do--	8 " -do- in all 80 students

- (3) Whether the stores of the Chemistry Department are kept in the same place as the stores of the Physics Department.

The Physics and Chemistry Departments are far removed from each other one at the northern and the other at the southern end of the main Building. The nature of the work is totally different and in the Chemistry Department the storekeeper has to be in constant attendance.

(4) Whether the existing storekeeper cannot attend to the stores of the Physics Department also with the help of an additional attender if necessary:-- There is a lot of skilled preparation work in the Chemistry Department: preparation of reagents is almost a daily affair. Details of the work of the Chemistry store keeper and the work he is actually doing, have already been submitted. He is already overworked and when an assistant storekeeper for the department was applied for, it is impossible for him to attend to the work in the Physics Department also the latter being far away. An assistant storekeeper for the Chemistry Department is necessary to relieve the strain of work the storekeeper is experiencing at present. He will also carry on the work of the stores if through illness or other causes the storekeeper has to go on leave; as it has been happening frequently, causing endless trouble to the teaching staff as they have to be requisitioned for surveillance; it being undesirable to leave the stores to the mercy of the attender. An attender who is expected to issue articles and make entries in the issue register will not be able to do correspondence work or to prepare indents.

(5) Whether the work now attended to by the Professor in connection with the stores for the Chemistry cannot in part or full entrusted to an Assistant Professor or Demonstrator:-- A part from the general apparatus and Chemical stores where the storekeeper is stationed, special apparatus and organic chemicals are kept in the individual advanced laboratories which are attended to by the Professor assisted by an Assistant Professor. Thus the Professor is in charge of the special Physical Chemical apparatus of a costly nature which the storekeeper cannot be expected to issue or handle. He is assisted by an Assistant Professor in the issue and take-back and in the maintenance of stock. Similarly the special organic chemicals are in charge of the Additional Professor and he is assisted by another Assistant Professor. Another Assistant Professor is in charge of gas and distilled water accounts. The gas house is also under his charge. The remaining Assistant Professors are in charge of the class library, lecture apparatus, museum mineral cabinet etc., and it is impossible that one member of the staff can relieve the work of another as each member has got extra work given to him apart from the regular teaching work. The Professor is responsible as a whole for the working of the Department, and has to scrutinize the indents, answer correspondences, sign bills etc.

(6) The increase in the strength of students and lecture hours in the Physics lecture and Demonstration classes:-- In 1942-1943 the strength of Intermediate junior and senior classes was 120 each and since then they have been steadily increasing to the present strength of 300 and 226 respectively. Next year the Senior Intermediate class will also be 300 strong. In III B.Sc. (Main) the strength was only 20 then and it has increased now to 30. Due to the increase in strength of the Intermediate and the separation of lecture for the various Honours classes and B.Sc., the number of lecture hours have increased by 15 hours (Honours 6 + 3 = 9 + Intermediate 6) now and the next year it will be 17 hours (Intermediate 8 hours).. Practical classes (2 hours each) for the Intermediate have increased from 4 to 7 and will be 8 next year.

/True copy/

for Director of Public Instruction

Issue at once
+ Enclosure
in list of
new sanction
1/11/46

11cf
13cf
18cf

Edu and P.H Dept
College Presidency - Physics and Chemistry Dept
Employment of addl Storekeepers and attenders
Sanctioned.

From the D.P.S. No: 5275-K2/46 d 20.9.46.

" No: 6897-K2/46 d 3.10.46.

" No: 5275-K2/46 d 26.10.46.

Go. no: 2454 Edu
Ms.

d 23-12-46.

The Govt sanction the employment
for a period of one year from July 1947 of
the following addl staff in the Presidency College
Madrass:--

Physics Dept - 1 storekeeper on Rs 30-55 } plus
2 attenders on Rs 19-30 } President
Chemistry Dept - 1 Asst. Storekeeper on Rs 30-55 } plus President
attender

The post of Asst Storekeeper in the Chemistry
dept will be in lieu of the existing attender

Subject : -- Presidency College, Madras - Employment of storekeepers, and attenders in the Physics and Chemistry Departments.

Read : --

From the Director of Public Instruction No. RC. 5276K2/46, dated 20.9.1946.
From the Director of Public Instruction No. RC6897 K2/46, dated 3.10.46.

The Director has submitted the following proposals for consideration as a Part II Scheme for 1947-48.

- (i) Appointment of a storekeeper on Rs. 30-55 in the Physics department.
- (ii) Appointment of two additional attenders on Rs. 19-30 in the Physics department.
- (iii) Appointment of an Assistant Storekeeper on Rs. 30-55 in the Chemistry department.

The proposals are fully explained in the Director's letters on pages 1-4 c.f. As there has been considerable increase of students both in the Physics and Chemistry departments of the College, the Director's proposals, for reasons mentioned by him, may be supported and the case sent to Finance u. before circulation. That department may be requested to advise whether the posts may be sanctioned with effect from 1. 7. 1947 without the proposal being treated as a Part II scheme. The cost involved is Rs. 2642/-.

Finance (E.III) Dept.

Under para 50 (a) of the Budget-Manual, such proposals involving

additions to a cadre need not be treated as Part II Scheme only if the cost of the additional staff does not exceed Rs. 2500/- p.a.

in the present case the cost involved is above this limit and the proposal should therefore be treated as a Part II Scheme as proposed by the D.P.I.

The case may be returned to E & P.H. for examining the case as a Part II Scheme with reference to the criteria recently laid down.

employed in the stores attached to the dept.

The D. P. I. is informed that the necessary provision will be included in Part I of the Budget Estimates for 1947-8.

Mr. D. P. I.

W. A. G. (H. S. S. S.)

Edn. No. 5953A/463
30-10-46

59044

for admission of schemes as Part II 1946-7 and after their examination resubmit to this Department for remarks.

2. An examination of the proposal has now to be made on the basis of the criteria laid down for administration of schemes as Part II of 1946-7. The proposals in this case are ^{presumably} for the efficient running of a department; in this view, they may be taken as to satisfy the criterion that they are absolutely essential for the proper running of the departments.

3. As regards the merits of the proposal the following remarks are called for:--

1 Store-keeper for the physics Department of the Presidency College:-- Para 2 on page 1 C.F. gives a justification for a store-keeper for the Physics Department; ^{there is} ~~it has~~ apparently no such post in the department and as a post of store-keeper exists for the Chemistry Department the need for a similar post in the Physics Department may be conceded.

2 attenders for the Physics Department: Please see para 3 on page 1 C.F. It seems that only on two days in the week, ~~the~~ the Intermediate Classes have Laboratory work both in the forenoon and the afternoon; on these days, apparatus for 80 students have to be arranged. One more attender is required as the existing 3 attenders can at best arrange only for 60 students. For this reason, an additional attender may be given. An additional attender is also required for demonstration work for lecturing classes, as one attender is not able to do the work; presumably the proposal is due to increase in the number of students and increase in the Lecture hours and on this basis, the additional attender proposed may be agreed to.

3. Additional Storekeeper for Chemistry Department:--

Please see para 2, on page 3 C.F. and also pages 9-10 C.F.

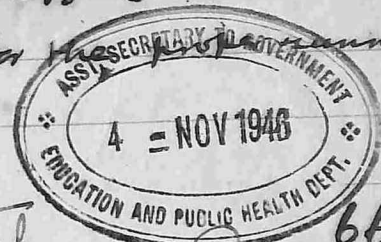
The stores attached to the Chemistry department have expanded to a great deal; the work is at present managed by 1 storekeeper, 1 attender and 1 peon. It is clearly stated that the present store-keeper is overworked;

and it has also been shown that the store-keeper for the Physics Department cannot work in the stores of the Chemistry Department as the two departments are far apart. The assistant ^{Professor or other member} ~~store-keeper~~ cannot also do this work;

In the circumstances the need for an additional store-keeper for Chemistry Department may be accepted. The Director of Public Instruction has required the post in the current year. E & P.H. have proposed this for the next year.

in the other cases the post may be included in Part II Scheme.

EPH may be requested to prepare the necessary Part II scheme note after satisfying themselves that the proposals are ^{absolutely} necessary for the running of the department.

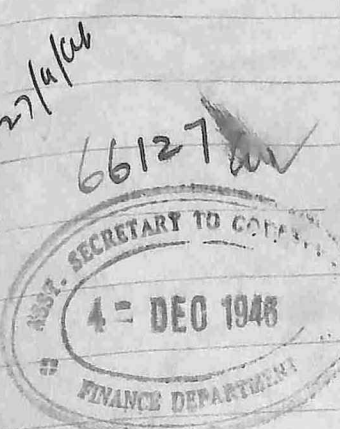


The following proposals are for Consideration as a Part II Scheme for 1947-48 for the Presidency College, Madras.

- (1) App't of a Store-keeper on Rs 30-55 in the Physics Dept.
- (2) App't of ^{addl} two attenders on Rs 19-30 in the Physics Dept.
- (3) App't of an Asst. Storekeeper on Rs 30-55 in the Chemistry Dept.

While agreeing to the first two proposals, Finance consider that the Asst. Storekeeper for the Chemistry Dept may be sanctioned in the place of the existing attender. ^{It is for consideration whether} This Dept may, ~~perhaps~~ agree with Finance ^{also should be retained.} For orders as to circulation.

To H.M.(Edn) The suggestion of Finance may be agreed to.



The entire integrated proposals as accepted does not exceed Rs 2500 p.a. (only Rs 2250). Finance may advise whether the scheme may be sanctioned and may promise made in the Part I estimates for 1947-48.

(The Fin note with 1-3ature)

Fin 83

...to the ...
an attendee in the chemistry dept of the
Presidency college. The staff required for the
Physics dept in 1 storekeeper and 2 attendants
have already been agreed to by this dept.

P3 above

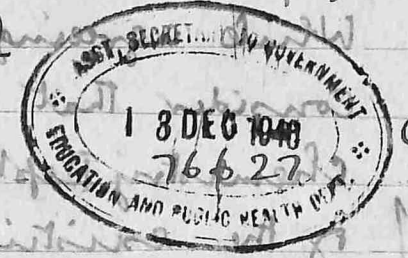
P82-3
above

...the above staff is less
...the proposal
...may intimate the position
...in 1947-8 on this account under Part I. with
...reference to the Pondicherry Manual

...of the Pondicherry Manual
...12/12/46

7th 13th
11/5
6.12.46

...A major order is submitted



...12/12/46

AS
DS
EPD
Fin. C.O.
6.6.127 Su
12.12.46

(a) HPH

The ...
...
...