

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

Regd.

} 1907.

Enclosures

Spare copies

G.O., No. 249, 27th April 1907.

Mr. W. H. James.

Informing the Director of Public Instruction that the Government have requested the Secretary of State to depute —, who proceeds to England during the summer vacation of the College of Engineering, to visit some of the laboratories attached to Technical Colleges in the United Kingdom.

1

598-13-1-98

Educational (1907) Department.

ORDINARY PRINTED.

G.O., No. 249

DATED 27-4-07

[Despatch Abstract.]

Mr W. H. James

Informing the S.D. that the Govt have requested the Secretary of State to depute — who proceeded to England during the summer vacation of the College of Engineering, to visit some of the laboratories attached to the Technical Colleges in the United Kingdom.

BACK PAPERS.

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

FURTHER PAPERS.

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

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GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following paper:—

G.O., No. 159, Educational, dated 20th March 1907.

ABSTRACT.—Approving the revised rules submitted by the Director of Public Instruction relating to the constitution and working of the College of Engineering, and ordering their publication in the *Fort St. George Gazette*.

Order—No. 249, Educational, dated 27th April 1907.

With reference to paragraph 1 of his letter, R.C. No. 7765, dated 13th February 1907, the Director of Public Instruction is informed that the Government have approved of the suggestion made in paragraph 10 of Colonel Love's letter No. 2080-C., dated 24th January 1907, and have requested the Secretary of State to depute Mr. W. H. James, who proceeds to England during the ensuing vacation of the College of Engineering, to visit some of the chief laboratories attached to Technical Colleges in the United Kingdom. The Government do not, however, consider it necessary to extend the period of vacation so that Mr. James should extend his visit to laboratories on the Continent. Mr. James should, on arrival in England, take the orders of the Secretary of State on the subject.

(True Extract.)

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

To the Director of Public Instruction.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 249, EDUCATIONAL, DATED 27TH APRIL 1907.

[SUBJECT.—*Deputation of Mr. James of the College of Engineering.*]

Previous papers.

G.O., Nos. 68, 69, Educational, dated	7th February 1905.
" No. 360	" 25th May "
" " 571	" 18th August "
" " 655	" 3rd October "
" " 657	" 10th " 1906.
" " 833	" 20th December "
" " 159	" 20th March 1907.

Demi-official from Colonel H. D. Love, R.E., Principal, College of Engineering, Madras, to H. D. Taylor, Esq., I.C.S., Acting Secretary to Government, Educational Department, dated 15th April 1907.

As promised verbally, I send you copy of my letter No. 2080-C., dated 24th January 1907. The suggestion regarding James' deputation will be found in paragraph 10.

2. You kindly promised to send me a telegram as soon as orders are issued regarding the duration of the vacation of 1907. The information is required as soon as possible in order that the calendar may be published.

ENCLOSURE.

Letter—from Colonel H. D. LOVE, R.E., Principal, College of Engineering, Madras.

To—the Director of Public Instruction.

Dated—Madras, the 24th January 1907.

No.—2080-C.

Adverting to your Proceedings, Ref. on Cur. No. 7765, dated 30th October 1906, I have the honour to submit proposals for the introduction of the scheme of reorganization approved in G.O., No. 657, Educational, dated 10th October 1906, so far as it can be applied to the College on its present status. I also submit proposals for the revision of the College rules.

2. I consider that the whole scheme may be introduced immediately, with the exception of that portion which provides for separate courses of instruction for the Civil and Mechanical Engineer classes. This portion must, in my opinion, stand over until new workshops and laboratories have been erected and equipped. In the meantime the existing course of instruction for the Engineer class should be retained.

3. On this basis, draft revised rules have been drawn up. They are printed side by side with the existing rules, for facility of comparison, and are now submitted. The reasons for the changes made are exhibited in a third column of Explanatory Notes. A few minor modifications have been effected in the scheme of marks proposed for the several classes by the College Committee, reasons being given for the alterations made.

4. Following the draft revised rules are draft revised syllabuses for the different classes. These are printed side by side with the existing syllabuses.

5. It seems highly desirable that the new scheme should be introduced at the earliest possible date. Under existing rules, a class of Engineer Subordinates is admitted in July on the results of an entrance examination held in April. The latest date for the receipt of applications from candidates is the third Monday in March. The Gazette notification regarding the examination must be published on the 26th February 1907, and it will be necessary for me to know, not later than the 20th February, whether this notification is to be published or not.

6. I hope that it may be found possible to introduce the revised rules with effect from the 1st April 1907. If this can be done, I propose to notify in the Gazette about the beginning of April that 30 First Arts candidates will be selected for the Upper Subordinate class, 30 Matriculates (*i.e.*, a class of half the full strength) for the Lower Subordinate class, and 5 Non-Commissioned officers and soldiers of British Regiments for the Military Probationers' class, and that the selected candidates will join the College on the 15th July 1907.

7. In July 1908 and in each succeeding July, classes of full strength will be formed, *i.e.*, an Engineer class of 20, an Upper Subordinate class of 30, a Lower Subordinate class of 60 and a Military Probationers' class of 5 students.

8. These proposals, if carried out, will have the following effect on the numbers in the College:—

Years.	Number.
January 1907	260
July "	325
January 1908	205
July "	320
January 1909	200
July "	315
July 1910	345

9. The first batches of students entering under the new rules would then complete their courses as under—

Engineer class	College course	April 1911
	Practical course	1912
Upper Subordinate class	College course	1910
	Practical course	1911
Lower Subordinate class	College course	1910

10. In regard to the deputation of a special officer to prepare plans and estimates for the new College at Saidapet, referred to in paragraph 2 of G.O., No. 657, Educational, dated 10th October 1906, I venture to suggest that, in view of the large sum of money which must be expended on workshops and laboratories, it would tend towards both economy and efficiency if Mr. W. H. James were deputed during the ensuing vacation to visit some of the principal Technical College laboratories in England and on the Continent. Under the new rules, the vacation is to extend over two and-a-half months, and as the survey camp must be held this year in July (since the majority of students will be working under the existing scheme), it would be possible for Mr. James to be absent from Madras until the middle of August without prejudice to the College. The laboratories which he might visit are those of Edinburgh, Glasgow, Manchester, Cambridge and London in Great Britain and those of Berlin, Hanover, Stuttgart, Dresden, Zurich and Munich on the Continent.

11. In conclusion I desire to point out that in order to introduce the new rules for the class or classes joining in July 1907, the rules must be published about the 1st April; and that the decision to do so should be communicated to me not later than the 20th February in time to stop the issue of the usual Gazette notification under the existing rules.

The following telegram will be sent to Principal, Engineering College:—

Proposed alteration in duration of College vacation in accordance with new rules approved.

Paragraph 10 will go to Director of Public Instruction for remarks.

H. D. TAYLOR—18-4-07.

Forwarded to the Director of Public Instruction un-officially for favour of very early remarks with reference to paragraph 10 of Colonel Love's letter.

H. D. TAYLOR—18-4-07.

I agree with Colonel Love in thinking that it would tend towards both economy and efficiency if Mr. W. H. James were deputed during the ensuing vacation to visit some of the principal Technical College laboratories in England and on the Continent.

T. T. LOGAN—18-4-07.

Please note very urgent the rules as to deputation in such cases. Presumably travelling expenses would be paid.

H. D. TAYLOR—19-4-07.

Article 85 of the Civil Service Regulations applies to cases of deputation to Europe; it says:

An officer, whether paid from general revenues, a Local Fund or in Foreign service who, with the sanction, or under the orders, of the Secretary of State, is deputed to, or detained in, Europe on special duty is entitled to not more than two-thirds of the salary which he would draw were he in duty in India.

2. Mr. James' pay at present is Rs. 900 a month and if he is deputed to Europe on special duty with the sanction of the Secretary of State, he will, under the article above quoted, be entitled to two-thirds of his pay, *viz.*, Rs. 600. But this will be less than his pay which Mr. James will be entitled to during the vacation if he is not so deputed.

3. The word "salary" used in article 85 of the Civil Service Regulations includes pay and acting allowance or charge allowance under article 94 or chapter VIII of the Civil Service Regulations—*vide* article 38 (c) of the Civil Service Regulations. But it is not clear whether it includes also a deputation allowance under article 81, and whether an officer deputed to Europe on special duty will be entitled to two-thirds of his substantive pay *plus* deputation allowance, which he may be allowed to draw under article 81 of the Civil Service Regulations if he is placed on special duty in India. The Accountant General may, it is submitted, be consulted on this point.

4. Supposing that Mr. James will be entitled to two-thirds of his substantive pay and the deputation allowance which may be granted to him if he is placed on special duty in India, his allowance while on special duty in Europe will not exceed Rs. 780 per mensem (two-thirds of Rs. 900 substantive pay *plus* Rs. 180 deputation allowance at one-fifth of salary) which will again be less than his pay (Rs. 900) he will be otherwise entitled to. In these circumstances it seems necessary to obtain the special sanction of the Secretary of State to depute Mr. James on full pay and to the payment of travelling allowance to him for visiting the principal Technical College laboratories in Great Britain and on the Continent.

T. KANAKASUNDARAM PILLAI—19-4-07.

Under article 85, Civil Service Regulations, Mr. James cannot get more than $\frac{2}{3} \times 900 = 600$ a month and therefore does not seem entitled to a deputation allowance. Article 81, Civil Service Regulations, applies only to deputation in India and in any case the allowance would not exceed $\frac{1}{5} \times 900 = 180$. When on vacation Mr. James receives full pay, *i.e.*, 900. To put him on deputation therefore means a loss of one-third of his pay, *i.e.*, Rs. 300 a month.

2. Then as to travelling allowance article 82 seems to apply only to deputations in India, and article 85 makes no mention of such allowance in Europe. Perhaps Financial may be consulted and if they cannot advise definitely the Accountant-General may be consulted.

C. A. SOUTER—20-4-07.

Please put up the papers on the subject of "expenses" granted last year to Mr. Stone. The same arrangements may be recommended in this case. Mr. James apparently does not want any extension of the vacation. He will not be placed on deputation in its strict sense.

H. D. TAYLOR—20-4-07.

Papers on the subject of the payment to Mr. Stone of out-of-pocket expenses in connection with his visits to certain Training schools in the United Kingdom are submitted—

(1) G.O., Nos. 68 and 69, Educational, dated 7th February 1905, recommending the payment to Mr. Stone of out-of-pocket expenses.

(2) G.O., No. 571, Educational, dated 18th August 1905, communicating the sanction of the Secretary of State to the grant to Mr. Stone of subsistence allowance at the rate of £1-1-0 per day.

T. KANAKASUNDARAM PILLAI—20-4-07.

Mr. Stone's case is hardly parallel as he was on furlough at the time. However Mr. James might get out-of-pocket expenses, but this requires the Secretary of State's sanction and there is very little time to get it.

C. A. SOUTER—20-4-07.

Colonel Love suggests that Mr. James should be allowed to be absent from the College till the middle of August, being placed on deputation for the period in excess of the vacation for visiting some of the principal Technical Colleges in the United Kingdom and on the Continent.

2. The Director of Public Instruction, in forwarding Colonel Love's proposals for the reorganization of the College rules, did not refer to this point which has been overlooked.

3. We might perhaps telegraph to the Secretary of State to allow Mr. James travelling expenses at a guinea a day during the time spent in England in the vacation. He won't have time to go to the continent and it seems unnecessary.

G. S. F[ORBES].

and travelling expenses on the Continent if he is able to visit it in the short time at his disposal.

4. We could then address the Secretary of State by despatch on the subject of allowing Mr. James to extend vacation on full pay on deputation, so as to admit of his rejoining the College on 15th August. The Secretary of State could communicate his decision to Mr. James direct.

H. D. TAYLOR—20-4-07.

G. S. F[ORBES]—21-4-07.

Approved.

A. L[AWLEY]—23-4-07.

The following cablegram may be despatched to Secretary of State:—

Mr. James, Professor of Mechanical Engineering, proceeds to England during the College vacation, commencing 1st May. In view of the reorganization of the College we consider it desirable that he should during the vacation visit some of the chief laboratories attached to Technical Colleges in the United Kingdom. We therefore request that, during the period of his vacation, he may be granted such expenses as you may think fit up to a guinea a day for days spent on such inspection.

I understand that it is not intended to address the Secretary of State to allow Mr. James to extend the vacation on full pay up to the middle of August, as suggested by Colonel Love in order to admit of his visiting the Continent.

H. D. TAYLOR—23-4-07.

G. S. [FORBES]—23-4-07.

Please codify.

H. D. TAYLOR—23-4-07.

The telegram has been codified and is submitted for approval.

2. For the words "during the vacation" the words "during the holidays" have been substituted, as no code words can be found for the former. There are also some minor alterations rendered necessary in codifying.

3. If the codified telegram is approved, the fair copy placed below may be signed for despatch.

T. KANAKASUNDARAM PILLAI—23-4-07.

Approved.

H. D. TAYLOR—23-4-07.

Telegram from Government of Madras, to Secretary of State.

James, Professor of Engineering, Madras College of Engineering, leaves for England during the holidays commencing first May next. In view of reorganization of Madras College of Engineering, we consider it desirable that he should, during the holidays, visit some [of the] chief laboratories attached to technical colleges [in the] United Kingdom. We request that during the holidays he may be granted travelling and hotel expenses, as you think best, up to [a] guinea per day, for the period spent on such inspection.

A formal order on the subject for the information of the Director of Public Instruction as well as a draft letter to the Under Secretary of State confirming the telegram is placed below for approval.

T. KANAKASUNDARAM PILLAI—24-4-07.

C. A. SOUTER—25-4-07.

The vacation of the College of Engineering commences on 1st May 1907. It seems desirable to send the following telegram to Colonel Love, Principal of the Engineering College:—

No. 13. Government approve proposal to depute James to visit chief laboratories [in the] United Kingdom during the [period of the summer] vacation, but consider it unnecessary to extend period of vacation so that he should visit [the] Continent. Please inform James who should on arrival [in] England apply [to the] India Office for orders as to travelling expenses admissible."

G. S. F[ORBES]—25-4-07.

H. D. TAYLOR—25-4-07.

G. S. F[ORBES]—25-4-07.

Issue.

H. D. TAYLOR—27-4-07.

[G.O., No. 249, dated 27th April 1907.]

[G.O., Nos. 184-85 R., dated 27th April 1907.]

Government of Madras.

EDUCATIONAL DEPARTMENT.

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Enclosures

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G.O., No. 159, 20th March 1907.

Rules for the working of the College of Engineering.

Approving the revised rules submitted by the Director of Public Instruction relating to the constitution and working of the College of Engineering and ordering their publication in the *Fort St. George Gazette*.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

I

G.O., No. 723, Educational, dated 12th December 1904.

ABSTRACT.—Appointing a Committee to consider the revision of the syllabus of studies and the curriculum of the College of Engineering, Madras.

II

G.O., No. 655, Educational, dated 3rd October 1905.

ABSTRACT.—Passing orders on the report of the Committee appointed to consider the extension and reorganization of the College of Engineering.

III

G.O., No. 657, Educational, dated 10th October 1906.

ABSTRACT.—Passing orders on the remarks of the Committee appointed in connection with the extension and reorganization of the College of Engineering and requesting the Director of Public Instruction to submit proposals for the introduction of the scheme of reorganization as approved and also proposals for the revision of the rules of the College.

IV

Letter—from the Hon'ble Mr. T. F. LOGAN, B.A., Acting Director of Public Instruction.

To—the Secretary to Government, Educational Department.

Dated—the 13th February 1907.

No.—Ref. on Cur. No. 7765 of 1906.

With reference to G.O., No. 657, Educational, dated 10th October 1906, I have the honour to submit herewith, in print, two copies of the revised rules for the College of Engineering drafted by the Principal, together with such further modifications and explanatory notes made in manuscript as have been considered necessary. A copy of Colonel Love's letter, No. 2080-C., dated 24th January 1907, is also enclosed for favour of early consideration with special reference to paragraphs 10 and 11 thereof.

2. It will be observed that the Principal's recommendation for the abolition of subject minima in the different examinations is not based on the Committee's report. In reply, however, to a reference made to him as to whether it is not necessary to insert a clause in the revised rules so as to provide against the undue neglect of any important individual subject, Colonel Love says :—

The Committee lay down in paragraph 8 (1) of their first report that a student must qualify at each sessional examination and at the final examination, and as nothing is said about subject minima, it is assumed that the Committee did not desire to impose these minima in addition to the three which they prescribe. If they did so desire or intend, the effect would be to treble the number of existing minima, which experience shows to be already much too large. Considering that under the new rules, the privilege of appearing as independent candidates is withdrawn from ex-students, and that there will be three examination minima besides a special minimum in practical surveying, I am of opinion that no further minima should be required. If however my contention is overruled, then I consider that the utmost that should be demanded is a minimum of 33 per cent. of the final totals under Branches I and II separately for the Engineer and Upper Subordinate classes. I do not however recommend this further condition.

3. As stated in the explanatory notes in connection with paragraphs 42—48 of the revised rules, the Chief Engineer, Public Works Department, has been addressed on the question of staff allowance to military apprentices. A copy of the Principal's letter on the subject (No. 152-C., dated 3rd May 1904) is enclosed for the information of Government.

ENCLOSURES.

(1)

Letter—from Colonel H. D. LOVE, R.E., Principal, College of Engineering.

To—the Director of Public Instruction.

Dated—Madras, the 24th January 1907.

No.—2080/C.

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2. I consider that the whole scheme may be introduced immediately, with the exception of that portion which provides for separate courses of instruction for the Civil and Mechanical Engineer classes. This portion must, in my opinion, stand over until new workshops and laboratories have been erected and equipped. In the meantime the existing course of instruction for the Engineer class should be retained.

3. On this basis, draft revised rules have been drawn up. They are printed side by side with the existing rules, for facility of comparison, and are now submitted. The reasons for the changes made are exhibited in a third column of Explanatory Notes. A few minor modifications have been effected in the scheme of marks proposed for the several classes by the College Committee, reasons being given for the alterations made.

4. Following the draft revised rules are draft revised syllabuses for the different classes. These are printed side by side with the existing syllabuses.

5. It seems highly desirable that the new scheme should be introduced at the earliest possible date. Under existing rules, a class of Engineer Subordinates is admitted in July on the results of an Entrance Examination held in April. The latest date for the receipt of applications from candidates is the third Monday in March. The Gazette notification regarding the examination must be published on the 26th February 1907, and it will be necessary for me to know, not later than the 20th February, whether this notification is to be published or not.

6. I hope that it may be found possible to introduce the revised rules with effect from the 1st April 1907. If this can be done, I propose to notify in the Gazette about the beginning of April that 30 First Arts candidates will be selected for the Upper Subordinate class, 30 Matriculates (i.e., a class of half the full strength) for the Lower Subordinate class, and 5 Non-Commissioned officers and soldiers of British Regiments for the Military Probationers' class, and that the selected candidates will join the College on the 15th July 1907.

7. In July 1908 and in each succeeding July, classes of full strength will be formed, i.e., an Engineer class of 20, an Upper Subordinate class of 30, a Lower Subordinate class of 60 and a Military Probationers' class of 5 students.

8. These proposals, if carried out, will have the following effect on the numbers in the College :—

Years.	Number.
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July 1908	320
January 1909	200
July 1909	315
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9. The first batches of students entering under the new rules would then complete their courses as under—

Engineer class	College course	April 1911
	Practical course	April 1912
Upper Subordinate class.	College course	April 1910
	Practical course	April 1911
Lower Subordinate class.	College course	April 1910

10. In regard to the deputation of a special officer to prepare plans and estimates for the new College at Saidapet, referred to in paragraph 2 of G.O., No. 657, Educational, dated 10th October 1906, I venture to suggest that, in view of the large sum of money which must be expended on workshops and laboratories, it would tend towards both economy and efficiency if Mr. W. H. James were deputed during the ensuing vacation to visit some of the principal Technical College laboratories in England and on the Continent. Under the new rules, the

vacation is to extend over two and-a-half months, and as the survey camp must be held this year in July (since the majority of students will be working under the existing scheme), it would be possible for Mr. James to be absent from Madras until the middle of August without prejudice to the College. The laboratories which he might visit are those of Edinburgh, Glasgow, Manchester, Cambridge and London in Great Britain and those of Berlin, Hanover, Stuttgart, Dresden, Zürich and Munich on the Continent.

11. In conclusion, I desire to point out that in order to introduce the new rules for the class or classes joining in July 1907, the rules must be published about the 1st April; and that the decision to do so should be communicated to me not later than the 20th February in time to stop the issue of the usual Gazette notification under the existing rules.

(2)

Letter—from Colonel H. D. LOVE, R.E., Principal, College of Engineering.
To—the Director of Public Instruction.
Dated—Madras, the 3rd May 1904.
No—152/C.

I have received a communication from Corporal Grant, R.F.A., one of the military students of this college, representing the insufficiency of the sum of Rs. 80 per mensem which constitutes the normal salary of a military apprentice overseer. The changed conditions of the soldier's pay in India as well as the increased cost of living seem to call for consideration of the sufficiency of the amount.

2. The rate of Rs. 80 which was fixed many years ago is laid down in the Public Works Code, Chapter II, paragraph 201, under which the allowance to be paid to a military apprentice overseer by the Public Works Department is fixed at such sum as must be added to his regimental pay and allowances to bring the total up to Rs. 80.

3. Some few years ago the soldier's pay was increased by $3\frac{1}{2}d.$ a day on condition of his foregoing his deferred pay of $2d.$ a day. The increase is now treated as a portion of his military pay and allowances, and it forms part of the sum of Rs. 80 above referred to. The effect is that the military apprentice overseer loses $2d.$ a day instead of gaining $3\frac{1}{2}d.$

4. Under Army Order No. 66 of the 1st April 1902 an increase of pay of $2d.$ a day was sanctioned, and by order No. 196 of 17th March 1904 a further augmentation of from $4d.$ to $7d.$ per day. It is evident that this increase cannot benefit the apprentice overseer except by so much as it may bring his regimental pay and allowances above Rs. 80.

5. If a man's regimental pay and allowances exceed Rs. 80 he is worse off as an apprentice overseer than as a college student; for he loses the stipend of Rs. 11 per mensem, which he draws during his course of study. This will be clear from the following statement which shows the rates to the nearest rupee for a 31-day month taking the service pay for non-commissioned officers at $7d.$ and for privates and gunners at $5d.$ per diem.

	Regimental pay and allowances.	College stipend.	Total while at college.	Staff allowance as apprentice overseer.	Total as apprentice overseer.
<i>Infantry.</i>	RS.	RS.	RS.	RS.	RS.
Private	51	11	62	29	80
Corporal	70	11	81	10	80
Sergeant	86	11	97	..	86
<i>Cavalry.</i>					
Private	55	11	66	25	80
Corporal	78	11	89	2	80
Sergeant	94	11	105	..	94
<i>Artillery, R.F.A. & R.G.A.</i>					
Gunner or driver	56	11	67	24	80
Bombardier	84	11	95	..	84
Corporal	90	11	101	..	90
Sergeant	105	11	116	..	105
<i>Artillery, R.H.A.</i>					
Driver	57	11	68	23	80
Gunner	59	11	70	21	80
Bombardier	88	11	99	..	88
Corporal	94	11	105	..	94
Sergeant	109	11	120	..	109

6. The non-commissioned officers among the military students experience a double hardship in that (1) they draw less as apprentice overseers than as college students; (2) they benefit little, if at all, by their military rank during a period in which they draw their pay from their regiments. When the apprentices join the Public Works Department permanently they are promoted to Sergeant on the unattached list, and draw a uniform salary as under :—

Staff Sergeant, Public Works Department.

	RS.	A.	P.
Pay as colour sergeant of infantry at $3s.$ per diem	69	12	0
Extra allowance of $2d.$ per diem	3	14	0
Messing allowance	4	5	9
Service pay at $7d.$ per diem	13	9	0
Ration money	10	0	0
Staff salary	85	0	0
Total	186	8	9

It appears to be not unreasonable that at the time of entering Civil employment all Military overseers should be placed on an equality; but so long as they are borne on regimental rolls and carry different ranks, their pay in my opinion should vary with rank.

7. Since the time when the allowance of Rs. 80 for apprentice overseers was fixed as the minimum suitable for their requirements, the cost of living has substantially increased; and the recent material additions to the soldier's pay are the result of a recognition of the fact. If the apprentice overseer is to benefit by these additions, and I think there can be no doubt that he should, a fixed stipend to be paid by the Public Works Department should be granted in addition to his regimental pay and allowances. I suggest that such stipend might be Rs. $42\frac{1}{2}$ or half the staff pay which he will ultimately receive as an overseer.

8. If these views commend themselves to you and to the Chief Engineer, the opinion of the Principal of the Thomason College, Roorkee, might be obtained before any alteration in the Public Works Code is decided on.

V

Letter—from the Hon'ble Mr. T. T. LOGAN, B.A., Acting Director of Public Instruction.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 27th February 1907.
No.—Ref. on Cur. No. 7765/6.

In continuation of my letter, R.C. No. 7765/6, dated 13th February 1907, I have the honour to submit herewith in print two copies of the draft revised syllabuses for the College of Engineering.

Order—No. 159, Educational, dated 20th March 1907.

With his letter read above, the Director of Public Instruction submits the revised rules relating to the constitution and working of the College of Engineering which have been drawn up in accordance with the proposals of the Committee appointed under G.O., No. 723, dated 12th December 1904, as accepted by Government. The rules, as revised by Government, are appended to this order. There are a few points on which it is desirable to remark—

(1) It is not necessary to include in the rules any statement as to the recruitment of the teaching staff.

(2) Rule 12.—The rule as submitted omits the Language course. It appears to Government that there will be a great practical advantage in holding Language classes at the College, as the students have to qualify and pass in the vernacular if they are to join the public service. The matter will, however, be further considered and separate orders issued later on.

(3) Rules 14, 20 and 25.—Separate minima have been assigned for Mathematics, Drawing, Hydraulic Engineering and Mechanical Engineering in the case of the students of the Engineer and Upper Subordinate class and for Drawing and Surveying in the case of the students of the Lower Subordinate class.

(4) *Rule 26.*—If the limitation of the number of students to be admitted to the Lower Subordinate class to 60 is likely to have a material effect in keeping out students from pursuing professional studies, the rule will be reconsidered.

(5) *Rule 40.*—The Director of Public Instruction is requested to report what arrangements are made for the cheap supply of books and instruments to the students.

(6) *Rule 46.*—Separate orders will issue on the question of granting enhanced allowances to the Military apprentice overseers. In the meantime the existing arrangements should stand.

(7) *Rule 49.*—The annual contribution to the College Recreation Club has been reduced to the original sum of Rs. 4 per annum.

(8) The Government consider that rule 77 of the existing rules, which provides for the submission of the College time-table to the Director of Public Instruction, should be retained.

2. The rules will be published in the *Port St. George Gazette*. They shall come into force on the 1st April 1907.

(True Extract.)

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

To the Director of Public Instruction.
„ Public Works Department
Editors' Table.

APPENDIX.

Port St. George, March 25, 1907.

No. 30.—

RULES RELATING TO THE CONSTITUTION AND WORKING OF THE COLLEGE OF ENGINEERING, MADRAS.

OBJECT.

1. The College, which is affiliated to the Madras University, affords theoretical and practical instruction in subjects qualifying for the professions and callings of civil engineer, mechanical engineer, upper subordinate engineer, lower subordinate engineer, surveyor and draftsman, in view of fitting persons for employment in such capacities by Government, by Local Boards and Municipalities, and by other agencies.

2. Students of the higher course in engineering are, at the same time, prepared for the B.E. degree examination of the Madras University.

CONTROL.

3. The responsibility for the discipline and management of the College is vested in the Principal, under the control of the Director of Public Instruction.

BOARD OF VISITORS.

4. A Board of visitors, consisting of a President and three members, shall for the present be constituted to advise the Director of Public Instruction and the Government. The Board shall be composed as follows :—

President—The Chief Engineer, Public Works Department.

Members—The Chief Engineer, Madras Railway Company.

The Chief Engineer, Madras Port Trust.

The President of the Faculty of Engineering of the Madras University, or a member of the Faculty to be nominated by the Syndicate if the President of the Faculty is already included in the Board under any of the foregoing designations.

Secretary—The Principal of the College.

STAFF.

5. The staff shall consist of a Principal, two professors of engineering, a professor of mathematics and science, and an adequate number of lecturers and demonstrators. There shall also be a workshop instructor with foremen assistants, and an instructor in drill and gymnastics. Special lecturers may also, when necessary, be employed with the sanction of Government.

COLLEGE YEAR, VACATIONS AND HOLIDAYS.

6. The College year shall consist of—

(a) A first term extending from about the 15th July to about the 10th October. The last ten days of the term shall be devoted to inspection tours.

(b) A second term extending from about the 11th October to about the end of April. A Survey camp lasting about a month shall be formed immediately after the Christmas holidays.

(c) A vacation extending from about the 1st May to about the 14th July as may be notified by Government.

7. When any of the above term dates fall on a Saturday or Sunday they may be varied at the discretion of the Principal to an extent not exceeding two days.

8. The gazetted holidays for Christmas and Easter shall be enjoyed, and the casual holidays allowed by Chapter VII of the Educational Rules, Fifth Edition, shall apply as far as the special character of the College may permit.

9. The first and second terms together constitute a College Session.

CLASSES.

10. The College shall contain the following classes :—

(i) *Engineer class*—for the training of (a) civil engineers, and (b) mechanical engineers.

(ii) *Upper Subordinate class*—for the training of upper subordinates for the Public Works Department, Revenue Department, Local Boards and Municipalities.

(iii) *Lower Subordinate class*—for the training of lower subordinates, surveyors and draftsmen for the Public Works Department, the Survey Department, Revenue Department, Local Boards, Municipalities, Railways, etc.

COURSES OF INSTRUCTION.

(i) *Engineer Class.*

[NOTE.—A revised course for the Engineer class will be published later. For the present, pending the construction of new laboratories and workshops, the course will be as follows:—]

11. The course of instruction shall extend over four years, of which three shall be spent in the College and the fourth chiefly on works. The course in the College shall be both theoretical and practical. Theoretical instruction shall be conveyed by lectures; while the practical work shall consist of surveying in the field, drawing, and work in the workshops and laboratories. Marks for practical work shall be assigned by the College Staff, and these marks shall count towards the final total. Students who desire to become Civil Engineers shall spend the final year in a Public Works division; those who wish to become Mechanical Engineers shall spend it in an engineering workshop.

12. The subjects of study and the marks assigned to each shall be as follows:—

BRANCH I.—MATHEMATICS AND SCIENCE.

1. Algebra (150), 2. Geometry (200), 3. Mensuration (150), 4. plane trigonometry (150), 5. calculus (250), 6. Mechanics (300), 7. hydro-mechanics (200), 8. heat (200), 9. chemistry (200)	1,900
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BRANCH II.—ENGINEERING.

1. Drawing— Geometrical and Perspective (120), freehand and model (80), machine (200), building (300), estimating (200), practical work (300)	1,200
2. Applied mechanics	400
3. Building materials	100
4. Building construction	200
5. Hydraulic engineering	200
6. Mechanical engineering	200
7. Workshop practice, etc.	400
8. Surveying— Chain compass and plane table (150), level (150), theodolite (150), topographical drawing (200), practical work (350)	1,000
<i>Physical Exercises</i>	400
	3,700
	400
	6,000

13. Of the total marks, 4,400 shall be awarded by the Board of Examiners for examination work, and 1,600 by the College Staff for practical work and physical exercises. Sessional examinations shall be held at the end of the first and second years, at which portions of the above subject shall be finally disposed of by the Board of Examiners. The marks awarded at these examinations shall be included in the final total. All students must satisfy the Principal of the College in practical surveying.

14. In order to pass an examination, a student must obtain 33 per cent. of the marks, assigned to each of the following subjects, namely, mathematics, drawing, hydraulic engineering, and mechanical engineering, and half the aggregate marks awardable at that examination and any previous sessional examination. A student who fails to obtain qualifying marks at a sessional or final examination shall not be promoted or pass out, but must either leave the College or join the class division next below his own. Such students shall be ineligible for scholarships, prizes or guaranteed appointments. No student shall be permitted to remain more than four years in the College. Students who obtain not less than two-thirds of the total marks shall be declared to have passed with honours, and all other successful students to have passed.

15. Students shall be expected to present themselves for the first examination in engineering of the Madras University at the end of their second year of study, and for the B.E. degree examination towards the end of their practical course.

16. Students who are successful at the College final examination shall proceed to the practical course. Those who elect to become Civil Engineers shall be attached to a Public Works division where large works are in progress, and will be regularly instructed in the preparation of materials, the practical details of construction, the management of labour, and the system of accounts. Those who elect to become Mechanical Engineers will proceed to the Public Works workshops. One mechanical engineer student will be permitted each year to join the Madras Railway Locomotive shops at Perambūr, the concession being offered in the order of merit at the final examination. The premium will be Rs. 500, of which half will be defrayed by the Educational Department, the other half being met by the student. The premium will cover a course of two years, of which one year is obligatory. Other mechanical engineer students may attend at Perambūr on payment of the full premium. All students shall receive lessons in riding during the practical course.

(ii) *Upper Subordinate Class.*

17. The course of instruction shall extend over four years, of which three shall be spent in the College and the fourth on works. The course in the College shall be both theoretical and practical. Theoretical instruction shall be conveyed by lectures, while the practical work shall consist of surveying in the field, drawing, and work in the workshops. Marks for practical work shall be assigned by the College Staff, and these marks shall count towards the final total.

18. The subjects of study and the marks assigned to each shall be as follows:—

BRANCH I.—MATHEMATICS.

1. Arithmetic (150), 2. Algebra (150), 3. Geometry (150), 4. Mensuration (150), 5. Plane Trigonometry (150)	750
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BRANCH II.—ENGINEERING.

1. Drawing.—Freehand and model drawing (100), geometrical drawing (300), machine drawing (150), building drawing and estimating (550)	1,100
2. Applied mechanics	500
3. Construction	500
4. Hydraulic engineering	400
5. Mechanical engineering	300
6. Surveying—Surveying with chain, compass and plane table (250), levelling (250), theodolite surveying (250)	750
<i>Workshop Practice</i>	300
<i>Physical Exercises</i>	300
	5,000

19. Of the total marks, 3,200 shall be awarded by the Board of Examiners for Examination work, and 1,800 by the College Staff for practical work and physical exercises. A sessional examination shall be held at the end of each year at which portions of the above subjects shall be finally disposed of. The marks awarded at these examinations shall be included in the final total. All students must satisfy the Principal of the College in practical surveying.

20. In order to pass an examination a student must obtain 33 per cent. of the number of marks assigned to each of the following subjects, namely, mathematics, drawing, hydraulic engineering and mechanical engineering, and half the aggregate marks awardable at that examination and any previous sessional examination. A student who fails to obtain qualifying marks at a sessional or final examination shall not be promoted or pass out, but must either leave the College or join the class division next below his own. Such students shall be ineligible for scholarships, prizes or guaranteed appointments. No student will be permitted to remain more than four years in the College. Students who obtain not less than two-thirds of the total marks shall be declared to have passed with honours, and all other successful students to have passed.

21. Students who are successful at the final examination shall be attached for one year to Public Works divisions where large works are in progress, and shall be regularly instructed in the preparation of materials, the practical details of construction, the management of labour, and the system of accounts. They shall receive lessons in riding during the practical course.

(iii) *Lower Subordinate Class.*

22. The course of instruction shall extend over three years. Theoretical instruction shall be conveyed by lectures, while the practical work shall consist of surveying in the field, drawing, and work in the workshops. Marks for practical work shall be assigned by the College Staff, and these marks shall count towards the final total.

23. The subjects of study and the marks assigned to each shall be as follows:—

(1) Drawing—Freehand and model drawing (200), Geometrical drawing (300), Machine drawing (250), Building drawing and estimating (600)	1,350
(2) Applied Mechanics	400
(3) Construction	550
(4) Surveying—Surveying with chain, compass and plane table (400), levelling (400), theodolite surveying (400)	1,200
<i>Workshop Practice</i>	250
<i>Physical Exercises</i>	250
	4,000

24. Of the total marks, 1,750 shall be awarded by the Board of Examiners for examination work, and 2,250 by the College Staff for practical work and physical fitness. A sessional examination shall be held at the end of each year at which portions of the above subjects shall

be finally disposed of. The marks awarded at these examinations shall be included in the final total. All students must satisfy the Principal of the College in practical surveying.

25. In order to pass an examination a student must obtain 33 per cent. of the number of marks assigned to each of the following two subjects, namely, drawing and surveying, and half the aggregate marks awardable at that examination and any previous sessional examination. A student who fails to obtain qualifying marks at a sessional or final examination shall not be promoted or pass out, but must either leave the College or join the class division next below his own. Such students shall be ineligible for scholarships or prizes. No student will be permitted to remain more than four years in the College. Students who obtain not less than two-thirds of the total marks shall be declared to have passed with honours, and all other successful students to have passed.

STRENGTH OF CLASSES.

26. The number of students to be admitted annually shall ordinarily be limited to 20 in the Engineer class, 30 in the Upper Subordinate class, and 60 in the Lower Subordinate class.

ADMISSIONS AND WITHDRAWALS.

27. All applications for admission shall be submitted in a prescribed form.

28. Admission shall be once a year, on the 15th July (unless that date falls on a Saturday or Sunday, when the students shall join on the following Monday) for all classes.

29. The Principal may refuse admission to any candidate whose previous conduct has not been satisfactory. His order shall be subject to appeal to the Director, whose decision shall be final.

30. Withdrawals in the case of scholarship-holders shall, except for good and sufficient reasons, be allowed only on completion of the course for which the scholarships have been awarded.

QUALIFICATIONS FOR ADMISSION.

(i) Engineer Class.

31. Candidates must have passed the B.A. degree examination of the Madras University with Mathematics or Physical Science (II-A) as an optional subject or an examination accepted by Government as equivalent thereto, and must be under 22 years of age on the 30th June of the year of admission. The number of candidates admitted annually shall not ordinarily exceed twenty. If the number of applicants exceeds twenty, admission shall be regulated by selection by the Principal. Persons who present themselves for the B.A. degree examination in Mathematics or Physical Science (Group II-A of Part II) during the year of application for admission to the College may register their names, but their eligibility for admission will be contingent on their passing the examination.

32. Candidates otherwise qualified, but whose age exceeds the maximum above laid down may be admitted with the sanction of the Director of Public Instruction, if the strength of the class permits. Students so admitted shall be ineligible for guaranteed appointments and for scholarships and prizes.

33. The fee for registration for admission shall be Rs. 5, which will under no circumstances be refunded. Applications will be received by the Principal up to the last day of May. The names of the candidates to be admitted shall be published in the *Fort St. George Gazette*.

(ii) Upper Subordinate Class.

34. Candidates must have passed the First Examination in Arts or Intermediate examination of the Madras University or an examination accepted by Government as equivalent thereto and must be under 22 years of age on the 30th June of the year of admission. The number of candidates admitted annually shall not ordinarily exceed thirty. If the number of applicants exceeds thirty, admission shall be regulated by selection by the Principal. Persons who present themselves for the Intermediate examination during the year of application for admission to the College may register their names, but their eligibility for admission will be contingent on their passing the examination.

35. Candidates otherwise qualified, but whose age exceeds the maximum above laid down, may be admitted, with the sanction of the Director of Public Instruction, if the strength of the class permits. Students so admitted shall be ineligible for guaranteed appointments and for scholarships and prizes.

36. The fee for registration for admission shall be Rs. 4, which will under no circumstances be returned. Applications will be received by the Principal up to the last day of May. The names of the candidates to be admitted shall be published in the *Fort St. George Gazette*.

(iii) Lower Subordinate Class.

37. Candidates must have passed the Matriculation examination of the Madras University, or an examination accepted by Government as equivalent thereto, and must be under 22 years of age on the 30th June of the year of admission. The number of candidates admitted annually shall not ordinarily exceed sixty. If the number of applicants exceeds sixty, admission shall be regulated by selection by the Principal. Persons who present themselves for the Matriculation examination during the year of application for admission to the College may register their names, but their eligibility for admission will be contingent on their passing the examination.

38. Candidates otherwise qualified, but whose age exceeds the maximum above laid down, may be admitted, with the sanction of the Director of Public Instruction if the strength of the class permits. Students so admitted shall be ineligible for guaranteed appointments and for scholarships and prizes.

39. The fee for registration for admission shall be Rs. 3, which will under no circumstances be returned. Applications will be received by the Principal up to the last day of May. The names of the candidates to be admitted shall be published in the *Fort St. George Gazette*.

(iv) All classes.

40. The selected candidates of all classes shall join the College on the 15th July (unless that day falls on a Saturday or Sunday, when they shall join on the following Monday), and shall each on that day deposit with the Principal—

(a) a sum of money, to be drawn against for instruments and books, which shall be for the engineer class Rs. 120, for the upper subordinate class Rs. 100, and for the lower subordinate class Rs. 80;

(b) a health certificate from a gazetted Government Medical officer to the effect that the candidate is fit for the outdoor work of the Public Works department, and that he has had small-pox or has been vaccinated;

(c) his University diploma or certificate;

(d) testimonials of good character covering the last two years;

(e) satisfactory evidence of age;

(f) a leaving certificate from his last college or school.

MILITARY STUDENTS.]

41. Non-commissioned officers and soldiers of His Majesty's British Service will, to the number of five annually, be admitted to the College. They must hold a first-class Army School certificate, and must ordinarily have been brought up in Great Britain or Ireland, or in some non-tropical British Colony. If more than five candidates apply, selection will be made by the Principal, who will give preference to those who have practised a trade. Candidates must be of thoroughly good character, well recommended by their commanding officers, and under 28 years of age on the 30th June of the year of admission. They must have had not less than two years' service prior to the date of admission to the College. Applications will be received by the Principal up to the last day of May. Each candidate's application shall be forwarded by his commanding officer to the Principal, and shall be accompanied by the following documents relating to the candidate—

(a) extract from regimental defaulter's and court-martial books for the whole period of service;

(b) extract from company defaulter's book for the preceding two years;

(c) certificate that the candidate was brought up in Great Britain or Ireland, or in some non-tropical British Colony;

(d) statement of the trade followed by the candidate before enlistment;

(e) statement that the candidate holds a first-class Army School certificate;

(f) statement whether the candidate is married or unmarried;

(g) certificate of good eye-sight, sound health and unimpaired constitution, signed by a medical officer in the following form:—

I certify that I have carefully examined A.B., and that to the best of my belief his eye-sight is good and he has no disease, constitutional affection or bodily infirmity, unfitting him, or likely to unfit him, for out-door employment as an Upper Subordinate in the Public Works Department.

Name.

Designation.

42. The selected candidates shall join the College on the 15th July, and bring with them—

(a) a descriptive roll;

(b) the record of service;

(c) a last-pay certificate;

(d) last clothing and bedding certificates;

(e) a certified list of clothing and necessaries in their possession when quitting their regiment;

(f) a certificate of the carriage, if any, furnished to them at the Government expense, etc., on leaving their regiments to proceed to Madras.

43. When not furnished with carriage to enable them to join, a certificate shall be given to this effect, and they shall then receive travelling allowance at the rate of one anna per mile. A double allowance shall be granted to married men if they are accompanied by their wives.

44. The selected candidates shall on joining attend as probationers for one year during which they will prepare for a College qualifying examination in Mathematics, English and Elementary Drawing. Probationers who fail to pass this examination shall at once revert to their corps. Those who pass shall join the first year Upper Subordinate class as regular students.

45. While studying at the College Military students shall be considered as doing duty, and shall remain on the strength of their respective regiments, without prejudice to their promotion and other advantages until they are appointed to the Public Works Department. They shall be provided with barracks and married quarters at the College, shall wear the undress or fatigue uniform of their rank and regiment, and shall be under the command of the Principal, or in his absence, of the Superintendent of Military students. They shall receive, whilst at the College, the same pay as with their regiments, including good-conduct pay when entitled to it, together with rations or compensation in lieu, and a College allowance of Rs. 11 per mensem to cover extra messing and other expenses. They shall be exempted from the payment of College fees, and shall be supplied *gratis* with drawing instruments and the text-books in use. They shall not compete for civil scholarships, but shall be eligible for medals and prizes. The Principal may remand any student to his regiment for insufficient progress or unsatisfactory conduct.

46. Military students who pass the final examination at the end of the course of study shall be appointed Apprentice Overseers for one year. During this period they shall retain their position as students, and shall continue to be borne on College and regimental lists. Their Military pay and clothing shall be drawn from the Military Department by the Executive Engineers of the divisions to which they are attached. The apprentices shall be provided with free quarters or compensation in lieu, and shall receive a staff allowance sufficient to bring their total consolidated pay up to Rs. 80* per mensem. Married men shall receive in addition the usual regimental allowances for wife and children. Any apprentice who is unfavourably reported on shall revert to his corps. Military apprentices shall receive travelling allowance at the rate of two annas per mile, or in case of portions of the journey performed by railway, at one anna and a half per mile for the journey from Madras to the site of the work to which they are posted, and for all journeys performed on transfer during their apprenticeship.

47. At the expiration of the year of apprenticeship the Military apprentices shall, in the order of merit determined by the College final examination, and to the extent of the requirements of the Public Works Department, be appointed to the permanent establishment as first-grade Overseers. Any apprentices who may not be required shall revert to their corps, but shall be eligible for employment in the Public Works Department in a subsequent year, or in the Military Works Service at any time. An outfit allowance of Rs. 150 shall be granted to Military apprentices on their appointment to the Public Works Department.

FEES.

48. *Tuition fees.*—The following shall be the fees payable in advance by students while at the College. Fees shall, under no circumstances, be returned after a student has been admitted to the institution :—

Class.	For the full theoretical course.	Sessional rate.	Monthly rate.
	RS.	RS.	RS.
Engineer class	360	130	12
Upper Subordinate class	180	65	6
Lower Subordinate class	100	37½	4

49. *Special fees.*—A contribution of Rs. 4 per annum shall be made by each student to the College Recreation Club. The riding course fee for students of the Engineer and Upper Subordinate classes shall be Rs. 15. The premium payable by mechanical engineer students at Perambūr is laid down in rule 16.

50. *Examination fees.*—Students shall pay fees at the following rates for admission to the College Examinations :—

	RS.
Engineer class	20
Upper Subordinate class	15
Lower Subordinate class	10

These fees, which cover in each case all the examinations held during the course, shall be paid before the commencement of the final examination.

SCHOLARSHIPS, STIPENDS AND PRIZES.

(i) Engineer Class.

51. *Government scholarships.*—Two scholarships of the monthly value of Rs. 15 each will be annually awarded in each of the three class-divisions. At the commencement of the first year of study they will be granted by the Director of Public Instruction on the recommendation of the Principal. At the beginning of the second and third years they will be awarded to the two students who obtain the highest marks at the sessional examinations. A third scholarship of the

* They shall, when posted to hill stations, also draw a local allowance of Rs. 10 per mensem.

monthly value of Rs. 15 will be awarded annually in each class-division by the Director of Public Instruction on the recommendation of the Principal to a student who does not hold one of the first-mentioned scholarships, preference being given to a Muhammadan or Indian Christian, or a European or Eurasian, in the order named. One scholarship of Rs. 20 per mensem, tenable for three years, may, under Gazette Notification dated 11th August 1902, be awarded annually to a European or Eurasian student at the beginning of the course of study.

52. *Other scholarships.*—The Government of Mysore awards Engineering scholarships annually of Rs. 30 per mensem tenable for three years. The University scholarships founded by the Maharajas of Travancore and Cochin, of the value of about Rs. 30 per mensem, tenable for the minimum period necessary to qualify for the B.E. degree, may be held by students of the Engineer class. All these scholarships are tenable only by students who are subjects of the States concerned.

53. Scholarships may be reduced or forfeited for misconduct, idleness, or want of progress.

54. A gold medal will be awarded to the student who passes highest at the final examination. Prizes will be given to students who display proficiency in special subjects.

55. During the year of practical training subsistence allowances of Rs. 50 per mensem for Europeans and Eurasians, and Rs. 25 per mensem for Indians shall ordinarily be granted; but these amounts shall be increased to Rs. 60 and Rs. 37½ per mensem respectively in the case of students posted to hill stations. The grant of subsistence allowance shall be contingent on the good conduct and satisfactory progress of the student; and on proof of misconduct or idleness the allowance may be withdrawn by the Principal on the recommendation of the Executive Engineer or the officer in charge of workshops. Travelling allowances to students joining or on the works shall be drawn at the rates sanctioned for officers of the third class under the Civil Service Regulations.

(ii) Upper Subordinate Class.

56. *Government scholarships.*—Two scholarships of the monthly value of Rs. 10 each will be awarded annually in each of the three class-divisions. At the commencement of the first year of study the scholarships will be granted by the Director of Public Instruction on the recommendation of the Principal. At the beginning of the second and third years they will be awarded to the two students who obtain the highest marks at the sessional examinations. A third scholarship of the monthly value of Rs. 10 will be awarded annually in each of the three class-divisions by the Director of Public Instruction on the recommendation of the Principal, to a student who does not hold one of the first-mentioned scholarships, preference being given to a Muhammadan, or Indian Christian, or a European or Eurasian, in the order named. One scholarship of Rs. 15 per mensem, tenable for three years, may, under Gazette Notification dated 11th August 1902 be awarded annually to a European or Eurasian student at the beginning of the course of study.

57. *Walker scholarship.*—A scholarship of the value of about Rs. 13 per mensem is tenable for three years by a student who is a native of the Malabar, South Canara or Nilgiri district, and who possesses a fair knowledge of Malayalam or Canarese.

58. Scholarships may be reduced or forfeited for misconduct, idleness or want of progress.

59. A silver medal will be awarded to the student who passes highest at the final examination. Prizes will be given to students who display proficiency in special subjects. The "Rogers" prize of the value of about Rs. 20 shall be given annually in books to the silver medallist of the year.

60. During the practical course subsistence allowances of Rs. 30 per mensem for Europeans and Eurasians, and Rs. 20 for Indians shall ordinarily be granted; but these amounts shall be increased to Rs. 40 and Rs. 30 per mensem respectively in the case of students posted to hill stations. The grant of subsistence allowance shall be contingent on the good conduct and satisfactory progress of the student; and on proof of misconduct or idleness the allowance may be withdrawn by the Principal on the recommendation of the Executive Engineer. Travelling allowances to students joining or on the works will be drawn at the rates sanctioned for officers of the third class under the Civil Service Regulations.

(iii) Lower Subordinate Class.

61. Two scholarships of the monthly value of Rs. 8 each will be awarded annually in each of the three class-divisions. At the commencement of the first year of study the scholarships will be granted by the Director of Public Instruction on the recommendation of the Principal. At the beginning of the second and third years they will be awarded to the two students who obtain the highest marks at the sessional examinations. A third scholarship of the monthly value of Rs. 8 will be awarded annually in each of the three class-divisions by the Director of Public Instruction on the recommendation of the Principal to a student who does not hold one of the first-mentioned scholarships, preference being given to a Muhammadan, or Indian Christian, or a European or Eurasian, in the order named. Scholarships may be reduced or forfeited for misconduct, idleness or want of progress.

62. A bronze medal will be awarded to the student who passes first at the final examination.

Special Prizes.

63. Three "Sir Madhava Rau" prizes of the value of Rs. 20 each will be given annually, under certain prescribed conditions, for proficiency in practical work. In awarding one of these prizes preference will be given to the Mahratta Brahman who displays the greatest proficiency in workshop practice, practical surveying or practical chemistry, subject to the conditions specified in notification No. 49 published at page 409 of Part I of the *Fort St. George Gazette*, dated 17th June 1890.

(6) Stipends in Workshops.

64. Four stipends of the monthly value of Rs. 6 for the first year, Rs. 7 for the second year, and Rs. 8 for the third year will be awarded annually to young men who have passed the elementary technical examination in carpentry or blacksmith's work, and who join the College workshop to be trained as teachers in technical or industrial schools or in school workshops for manual training. The course shall extend over three years during which time the students shall be prepared for the highest technical examination in cabinet-making, or carpentry, or fitter's work. The students shall ordinarily work in the workshop for thirty-five hours per week and will be allowed one month's vacation and the ordinary authorized holidays. The stipends may be reduced or forfeited for misconduct, idleness or want of progress. The stipendiaries shall be required, if need be, to serve as teachers for two years, and to submit half-yearly reports as to how they are employed for three years after leaving the workshops.

LEAVE AND DISMISSAL.

65. Students may obtain leave of absence by previous application to the Principal.

66. Scholarship-holders shall forfeit their scholarships during any period, however short, of absence without leave, and shall be further liable to have their scholarships withdrawn, if they absent themselves without leave for five consecutive working days.

67. In cases of severe illness certified to by a competent medical authority, sick leave with scholarship may be given by the Principal for a fortnight. If such leave is granted for a period exceeding a fortnight, the excess period shall be leave without allowances.

68. Any student who has obtained admission into the College by means of a false certificate or by false representations of any kind, or who has been found guilty of grave misconduct, shall be summarily dismissed; the fact of such dismissal and the reasons for it being at once reported to the Director.

69. Leave may be granted during the practical course for a period or aggregate of periods not exceeding one month per annum. Such leave shall not entail forfeiture of stipend, but any leave in excess of one month shall involve loss of stipend, and the practical course shall be extended by a period equal to the excess over one month per annum of the leave granted.

BOARD OF EXAMINERS.

70. All sessional and final examinations shall be conducted by a Board of Examiners, consisting of a President and two members appointed by Government on the recommendation of the Director of Public Instruction for a term of three years. The President and members shall ordinarily be engineers. Two members of the College professional staff shall be advisory members of the Board. When necessary, the Board may, with the sanction of Government, employ assistant examiners. The decision of the Board of Examiners in regard to the qualifications of any student appearing for examination shall be final. The names of all students declared by the Board to have passed a final examination shall be published in the *Fort St. George Gazette*. After completing the annual examinations, the Board shall submit a report to Government, through the Director of Public Instruction, summarising the results of the examinations. It may record in the report any observations of a general nature bearing on the working of the College, or make any suggestions it may consider expedient, provided such observations or suggestions arise naturally out of the examination work which the Board has to perform. The report shall be signed by the President and members of the Board.

DIPLOMAS AND CERTIFICATES.

71. *Engineer and Upper Subordinate Classes.*—On the completion of the course in the College, a provisional certificate signed by the Principal and the President of the Board of Examiners shall be issued showing that the candidate has passed the final examination. On the satisfactory completion of the practical course a diploma, signed by the Principal and the Director of Public Instruction, shall be issued, setting forth the qualifications of the student for employment as a Civil Engineer, a Mechanical Engineer, or as an Upper Subordinate Engineer.

72. A student who has passed the final examination of the upper subordinate class, and who elects not to proceed to the practical course shall be granted a certificate of qualification as a Lower Subordinate Engineer.

73. *Lower Subordinate Class.*—On the completion of the course, a certificate signed by the Principal and the President of the Board of Examiners shall be issued, stating that the student

has passed the final examination and is qualified for employment as a Lower Subordinate Engineer or as a Surveyor or a Draftsman.

EMPLOYMENT OF PASSED STUDENTS.

74. *Engineers.*—One appointment as apprentice engineer in the Public Works Department shall be conferred annually on the student who passes highest at the final examination. The apprenticeship shall commence on the 1st July following the final examination and shall ordinarily extend over twelve months, when the apprentice, provided he has fulfilled the conditions of paragraph 11, chapter II, volume I, Public Works Department Code, shall be brought on the permanent establishment of the Public Works Department, Provincial Service, as third-grade Assistant Engineer. Other Engineer students, who have satisfactorily completed the practical course, shall be eligible for appointment to the temporary Upper Subordinate establishment of the Public Works Department, whence transfers may be made to the permanent establishment to fill existing vacancies on the recommendation of Superintending Engineers. Fully qualified Engineer students may also be appointed Assistant Engineers under Local Boards.

75. *Upper Subordinate Engineers.*—One appointment annually as Overseer, third grade, in the permanent Upper Subordinate establishment of the Public Works Department shall be conferred on the civilian Upper Subordinate student who passes highest at the final examination, provided he has satisfactorily completed his practical course and provided a vacancy exists for such appointment. Other civilian Upper Subordinate students, who have satisfactorily completed the practical course and for whom there are vacancies, shall be eligible for appointment to the temporary Upper Subordinate and Lower subordinate establishments of the Public Works Department, whence transfers may be made to the permanent Upper Subordinate establishment to fill existing vacancies on the recommendation of Superintending Engineers. No person will be eligible for appointment to the permanent Upper Subordinate establishment unless he be a fully qualified Engineer or Upper Subordinate Engineer. Appointments as Delta Superintendent, Minor Irrigation Overseer and as Overseer to District Boards and Municipalities are also open to qualified Upper Subordinate Engineers.

Military apprentices required for the Public Works Department will be appointed first-grade Overseers under rule 47 of these rules. In alternate years, one appointment to the Engineer establishment, Provincial Service, will be offered to a senior selected Upper Subordinate of the Public Works Department.

76. *Lower Subordinate Engineers.*—Qualified Lower Subordinate Engineers will be appointed to the Public Works Department as Sub-Overseers and as Draftsmen as vacancies occur. They will be eligible also for employment as Channel Superintendent in the Public Works Department and as Deputy Surveyor in the Survey Department. When the services of temporary men are required for special surveys not undertaken by the Public Works subordinate staff, the Public Works officers in charge are instructed to select for such employment none but qualified Lower Subordinates of the College.

77. Students of the Engineer and Upper Subordinate classes who pass sufficiently high to merit the appointments referred to in rules 74 and 75 shall, before appointment, produce certificates of physical fitness for the work of the Public Works Department. The medical examination for such certificates shall be held at the end of the practical course. Other qualified students will, on appointment to the Public Works Department, be required to produce certificates of physical fitness under the ordinary rules of the public service.

78. The appointments referred to in rules 74 and 75 are reserved for statutory natives of India, provided that natives of pure Asiatic descent shall be admitted only if their parents or guardians are domiciled in the Madras Presidency or the States of Travancore, Cochin, Pudukkottai, Sandur, Banganapalle and Mysore.

79. It shall be the duty of the Principal to render all reasonable assistance to passed students who may not be appointed to the Public Works Department, in seeking employment under Local Boards and Municipalities and other agencies. With this object lists of qualified men, with remarks as to their attainments, conduct, etc., shall be circulated annually to Local Boards and Municipalities, with recommendations that they may be employed in suitable posts when opportunities offer, and the attention of these local authorities shall be invited to G.O., No. 2773 L., dated 12th December 1893.

CASUAL STUDENTS.

80. Applicants who possess sufficient general education to follow the instruction given, who produce certificates of good health and good character, and who make the prescribed deposit and pay the prescribed fees, may be admitted as casual students to the Engineer class, provided that accommodation is available for them. They may present themselves for the sessional and final examinations, and if they pass they will receive the provisional certificates issued to successful students at the end of the College course; but they shall not be eligible for the appointments referred in rules 74 and 75 or for scholarships or prizes, or for the free practical course.

REGISTERS AND ACCOUNTS.

81. The following registers shall be kept :—

- (1) Register of admissions and withdrawals for each class.
- (2) Monthly register of attendance, fees and fines for each class.

- (3) Acquittance roll and pay abstract.
- (4) Library catalogue and register and inventory of valuable stock.
- (5) Register of scholarships.
- (6) Register of expenditure on contingencies.

82. The register of valuable stock shall be scrutinised every year, the work being entrusted in rotation to one of the senior members of the staff, who shall certify to the correctness of the stock and the entries in the register.

MISCELLANEOUS.

83. The practical course will extend over a complete year, and this period will be reckoned from the dates on which the students join their divisions. Students during their practical course shall not be under the supervision of the Principal, but officers under whom such students are serving will be required in the Public Works Department to furnish to the Principal half-yearly reports of their progress in such form as may from time to time be prescribed by Government. All allowances during the practical course shall be debited to the Public Works Department.

84. The provisions of the Educational Rules relating to accommodation and sanitation, discipline, dress, periodical examinations and punishments shall apply *mutatis mutandis* to the College, in so far as its special character permits of their application.

85. The Principal shall invariably obtain the previous sanction of the Director for any deviation from the prescribed rules.

86. The Principal shall submit a time-table annually for the approval of the Director. No material change shall be made in the time-table or in the general arrangement of the College work without his sanction.

Read again G.O. No.159, Educational, dated 20th March 1907.

ORDER:--
P.S.

With reference to paragraph 1 of his letter R.C. No.7765, dated 13th February 1907, the Director of Public Instruction is informed that the Government have approved of the suggestion made in paragraph 10 of Colonel Love's letter No.2080 C., dated 24th January 1907, and have requested the Secretary of State to depute Mr. W.H. James, who proceeds to England during the ensuing vacation of the College of Engineering, to visit some of the chief laboratories attached to Technical colleges in the United Kingdom. Mr. James should on arrival in England take the orders of the Secretary of State on the subject.

The Govt do not however consider it necessary that Mr. James should remain in England beyond the specific period of the vacation on that he should attend his visit to laboratories on the Continent.

24.4.07

25.4.7.

25.4.07

To the D.P.I.

Despatched 29/4/07.

NOTES.

Phonetic papers

1P

Group 833 d 20-12-06
 ... 159 d 20-3-07
 ... 657 d 10-10-06
 ... 655 d 3-10-05
 ... 571 d 18-8-05
 - 360 d 25-5-05
 - 68-69 d 7-2-05

*He has been
for some time
have an idea
in the proposed
of the proposed
of the proposed*

VERY URGENT.

No. 2080/C.

MADRAS,
24th January 1907.

From
COLONEL H. D. LOVE, R.E.,
Principal, College of Engineering,
Madras,

To
THE DIRECTOR OF PUBLIC INSTRUCTION,
Madras.

SIR,
Adverting to your Proceedings Ref. on Cur. No. 7765 of 1906, dated 30th October 1906, I have the honour to submit proposals for the introduction of the scheme of reorganization approved in G.O., No. 657, Educational, dated 10th October 1906, so far as it can be applied to the College on its present status. I also submit proposals for the revision of the College Rules.

2. I consider that the whole scheme may be introduced immediately, with the exception of that portion which provides for separate courses of instruction for the Civil and Mechanical Engineer classes. This portion must, in my opinion, stand over until new workshops and laboratories have been erected and equipped. In the meantime the existing course of instruction for the Engineer class should be retained.

3. On this basis, draft revised rules have been drawn up. They are printed side by side with the existing rules, for facility of comparison, and are now submitted. The reasons for the changes made are exhibited in a third column of Explanatory Notes. A few minor modifications have been effected in the scheme of marks proposed for the several classes by the College Committee, reasons being given for the alterations made.

4. Following the draft revised rules are draft revised syllabuses for the different classes. These are printed side by side with the existing syllabuses.

5. It seems highly desirable that the new scheme should be introduced at the earliest possible date. Under existing rules, a class of

Engineer Subordinates is admitted in July on the results of an Entrance Examination held in April. The latest date for the receipt of applications from candidates is the third Monday in March. The Gazette notification regarding the examination must be published on the 26th February 1907, and it will be necessary for me to know, not later than the 20th February, whether this notification is to be published or not.

6. I hope that it may be found possible to introduce the revised rules with effect from the 1st April 1907. If this can be done, I propose to notify in the Gazette about the beginning of April that 30 First Arts candidates will be selected for the Upper Subordinate class, 30 Matriculates (i.e., a class of half the full strength) for the Lower Subordinate class, and 5 Non-commissioned officers and soldiers of British Regiments for the Military Probationers' class, and that the selected candidates will join the College on the 15th July 1907.

7. In July 1908 and in each succeeding July, classes of full strength will be formed, i.e., an Engineer class of 20, an Upper Subordinate class of 30, a Lower Subordinate class of 60 and a Military Probationer's class of 5 students.

8. These proposals, if carried out, will have the following effect on the numbers in the College:—

Years.	No.
January 1907	260
July 1907	325
January 1908	205
July 1908	320
January 1909	200
July 1909	315
July 1910	345

9. The first batches of students entering under the new rules would then complete their courses as under—

Engineer class ..	College course ..	April 1911
	Practical course ..	April 1912
Upper Subordinate class.	College course ..	April 1910
	Practical course ..	April 1911
Lower Subordinate class.	College course ..	April 1910

10. In regard to the deputation of a special officer to prepare plans and estimates for the new College at Saidapet, referred to in paragraph 2 of G.O., No. 657, Educational, dated 10th October 1906, I venture to suggest that, in view of the large sum of money which must be expended on workshops and laboratories, it would tend towards both economy and efficiency if Mr. W. H. James were deputed during the ensuing vacation to visit some of the principal Technical College laboratories in England and on the Continent. Under the new rules, the vacation is to extend over two and-a-half months, and as the survey camp must be held this year in July (since the majority of students will be working under the existing scheme), it would be possible for Mr. James to be absent from Madras until the middle of August without prejudice to the College. The laboratories which he might visit are those of

Edinburgh, Glasgow, Manchester, Cambridge and London in Great Britain and those of Berlin, Hanover, Stuttgart, Dresden, Zürich and Munich on the Continent.

11. In conclusion I desire to point out that in order to introduce the new rules for the class or classes joining in July 1907, the rules must be published about the 1st April; and that the decision to do so should be communicated to me not later than the 20th February in time to stop the issue of the usual Gazette notification under the existing rules.

I have the honour to be,

Sir,

Your most obedient servant,

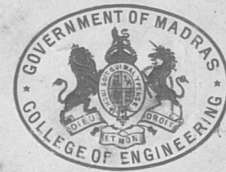
H. D. LOVE, Colonel, R.E.,

Principal.

note no 249 EOPX

27/4/07

2D



Encl. no. 899

CHEPAK PALACE,

MADRAS.

15th April 1907.

Mr. Taylor,

As promised verbally, I

send you copy of my letter No.

2080/c dated 24th January 1907.

The suggestion regarding James' deputation will be found in para-

graph 10.

You kindly promised to

send me a telegram as soon

as orders are issued regarding

the duration of the vacation of 1907.

The information is required as soon
as possible in order that the
Calendar may be published.

Sincerely yours

W. D. Taylor.

W. D. Taylor Esq. D.C.S.

Secy. to Gov. Educ. Dep't.

Have seen record?

17 1/2 0

The following letters into the results
of the 2nd College.

8th.

Proposed alterations and values
of College vacancies and values
into new rules approved

done
12.35
14407

125
15207

done 10 into 1st 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th

under

C. No. 899, from the Lt. Col. Lane, No. 15741, dated 15/4/1907.

SUBJECT.

Deputation of Mr. James of the
College of Engineering.

Memorandum No. , dated 1907.

Forwarded to the S.P.D. C.O. for
favour of very early remarks
with reference to paragraph 10
of Col Lane's letter.

1582
18.4.07

I agree with Col. Lane in thinking
that it will tend towards both
economy & efficiency if Mr.
W.H. James were deputed during the
ensuing vacation to visit some of
the principal Technical College
Laboratories in England & on the
Continent.

1582
18.4.07

Please refer to the rules on deputation
in such cases. Possibly travelling

Encl. no. no 899-1
18.4.07

1907

SUBJECT

1907

1907

1907

James Mr. Col. has been deputed to Europe on special duty with the sanction of the Secretary of State, he will, under the article above quoted, be entitled to two-thirds of his pay, viz. Rs. 600. But this will be less than his pay which Mr. James will be entitled to during the vacation if he is not so deputed.

Page 197 of the Quarterly Civil list corrected up to 1st April 1907.

^ vide article 38(c) of the C.S.R.

expenses would be paid

42
1907

W

Article 85 of the Civil Service Regulations applies to cases of deputation to Europe; it says

"An officer, whether paid from "general revenues, a Local Fund or in "Foreign service who, with the sanction, "or under the orders, of the Secretary "of State, is deputed to, or detained "in, Europe on special duty is entitled "to not more than two-thirds of the "salary which he would draw were he in "duty in India."

2. Mr. James' pay at present is Rs. 900 a month and if he is deputed to Europe on special duty with the sanction of the Secretary of State, he will, under the article above quoted, be entitled to two-thirds of his pay, viz. Rs. 600. But this will be less than his pay which Mr. James will be entitled to during the vacation if he is not so deputed.

3. The word "salary" used in Article 85 of the Civil Service Regulations includes pay and acting allowance or charge allowance under Article 94 or Chapter VIII of the Civil Service Regulations. ^ But it is not clear whether it includes also a deputation allowance under Article 81, and whether an officer deputed to Europe on special duty will be entitled to two-thirds

note 249502

4

780
✓

3.

two-thirds of his substantive pay plus deputation allowance, which he may be allowed to draw under Article 81 of the Civil Service Regulations if he is placed on special duty in India. The Accountant General may, it is submitted, be consulted on this point.

4. Supposing that Mr. James will be entitled to two-thirds of his substantive pay and the deputation allowance which may be granted to him if he is placed on special duty in India, his allowance while on special duty in Europe will not exceed Rs. ⁷⁸⁰~~900~~ per mensem (two-thirds of Rs. 900 substantive pay plus Rs. ¹⁸⁰~~180~~ deputation allowance at ^{one-fifth of salary} ~~Rs. 180~~) which will again be less than his pay (Rs. 900) he will be otherwise entitled to. In these circumstances it seems necessary to obtain the special sanction of the Secretary of State to depute Mr. James on full pay and to the payment of travelling allowance to him for visiting the principal Technical College laboratories in Great Britain and on the Continent.

7/4.
19.4.07

Lee.

Under Art 85 C.S.R. Mr James cannot get more than $\frac{2}{3} 900 = 600$ a month & therefore does not seem entitled to a deputation allowance. Art. 81 C.S.R. applies

?
 $\frac{2}{3} 900 = 600 + 300 = 900$

only to deputation in India
& in any case the allowance
would not exceed $\frac{1}{3}$ 900
= 180. When on vacation
Mr. James receives full
pay i.e. 900. To put him
on deputation therefore means
a loss of $\frac{1}{3}$ of his pay i.e. 300
rupes a month.

Then as to T.A. art 82
seems to apply only to
deputations in India, &
art 85 makes no mention
of such allowance in Europe.
Perhaps Fin. may be
consulted if they cannot
advise definitely the A.G.
may be consulted.

Obd

20/4/7.

I think a guinea a day was allowed

182

Please put up the papers on the
subject of "expenses" granted last
year to Mr. Stone. The same
arrangement may be recommended in
this case. Mr. James apparently
does not want any extension of the
vacation. He will not be placed on
deputation in the strict sense

182
20/4/7

Papers on the subject of the payment to Mr. Stone of out of pocket expenses in connection with his visits to certain Training Schools in the United Kingdom are submitted.

V

(1) G.O. nos. 68 + 69 Edl, dated 7th Feb. 05 recommending the payment to Mr. Stone of out of pocket expenses.

X

(2) G.O. no. 571 Edl, dated 18th Aug. 1905 Communicating the sanction of the Secretary of State to the grant to Mr. Stone of subsistence allowance at the rate of £1-1-0 per day.

7K
20.4.07.

Lee.

Mr. Stone's case is hardly parallel as he was on furlough at the time. However Mr. James might get out of pocket expenses, but this requires the S. of S.'s sanction & there is very little time to get it.

Col
20.4.7.

76 1884

Col. Love suggests that Mr James should be allowed to be absent from the College till the middle of August, being allowed on deputation for the period in excess of the vacation for visiting some of the Principal Technical Colleges in the United Kingdom, and the Continent.

2. The S.C.D. in forwarding Col Love's proposal for the reorganization of the College rules did not refer to this point which has been overlooked.

3. We might perhaps telegraph to the S. of State to allow Mr James travelling expenses at a guinea a day during the time spent in England in the vacation and travelling expenses on the Continent if he is able to visit it in the short time at his disposal.

4. We could then address the S. of State by despatch or the subject of allowing Mr James to extend vacation or full pay or deputation, so as to admit of his rejoining the College on 15th August. The S. of State could communicate his decision to Mr James direct.

We won't have time to go to the Continent & it seems unnecessary
8/27

Agd
22.4.04
I.H.M.
The Provost
8/27 20/4 1884

8/11/19
 The following cablegram may
 be despatched to S. of State.

" Mr. James, Professor of Mechanical
 Engineering proceed to England
 during the College vacation, ^{commencing 1st May.}
 in view of the reorganization of the
 College, we consider it desirable
 that he should during the
 vacation visit some of the
 chief ~~technical~~ laboratories
 attached to Technical Colleges
 in the United Kingdom. We
 therefore request that during the
 period of his vacation he may
 be granted such expenses as
 you may think fit up to a
 guinea a day ^{per diem} for expenses
 or such inspection."

I understand that it is not intended
 to assign the S. of State to allow
 Mr James to extend the vacation
 a full pay up to the middle
 of August, as suggested by Col Love
 in order to consist of his visiting
 the Continent

~~and proposed construction of~~
 New Laboratories

V. A.
 Please codify

Am
23/4/07

Am 25 | 23.4.07

Telegram.

From Governor of Madras to Secretary of State. Vacinor

Mr. James

Professor of Engineering

negitent

Madras College of Engineering

Viriatas

Leaves for England.

Pressans.

During the holidays.

Jutricem

Commencing

1st May next.

Coryti

In view of

Academia

Reorganization of.

keristata.

Madras College of Engineering

Viriatas.

We consider it desirable

Yaenebri

That he.

Segniter

Should

During the holidays.

Jutricem

Visit

Some [of the].

Chief

Laboratories

Attached

to

Technical Colleges [in the]

United Kingdom

Coartavi.

We request that

Puteanae

during the holidays

Jutricem

He

may be granted

Pullabam

104

BP

Travelling and hotel expenses.

Ulatorio.

As you think best

Tumbellam

Up to

Anteivit

[a] guinea

Per day

Saervitas

For the period

Contrudo

Spent

on

Such

inspection.

Chapman

W32

23.4.57

77

23-407

Please Codify

H. D. T.
23-4-07.

The telegram has been codified and is submitted for approval.

2. For the words "during the vacation" the words "during the holidays" have been substituted, as no code words can be found for the former. There are also some minor alterations rendered necessary in codifying.

3. If the Codified telegram is approved, the fair copy placed below may be signed for despatch.

F.H.
23-4-07.

approved.

H. D. T.
23-4-07.

A formal order on the subject for the information of the D.P.S. as well as a draft letter to the Under Secretary of State

Confirming the telegram is placed below for approval.

F.H.
24-4-07.

Lee
25.

12th 20 15p

The vacation of the College of Eng?
commences on 1st May 1907.

It seems desirable to send the
following telegram to Col. Love,
Principal of the Eng. College

no. 13.

"Got. approve proposal to depute
Tanes ~~for inspection~~ to visit
chief Pavaelones [in the] United
Kingdom during the (period of the
summer) vacation, but consider
it unnecessary ~~that~~ he should visit
[the] continent, ~~or~~ to extend period
of vacation ~~in this case~~. Please
inform Tanes who should on
arrival (in England ~~that~~
apply ~~to the~~ India office ^{for orders} as to
travelling expenses ~~advised~~.

1/2
25.4.07

AM

8775

no. 11

27.4.07

[soud. 249 d. 27-4-07].

[soud. 184-185 R d. 27-4-07].

Z

Desp. 27/4.

Desp 27/4.

Of course he can
visit Parliament if
he can do so & I.d.
allows. What we
object to is extension
of time.

877
25

First copy sent to Press.

Returned for signature.

Despatched in print.

READ AGAIN G.O., No. 120.

DATED

PRINT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT.

LETTER TO GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS FILED UP, BEING MEANT FOR DESPATCH ORIGINAL.

N.B.—

A = Print in full.
B = Not to be printed.
P = Print abstract only.
Q = Print heading only.

NUMBER OF COPIES REQUIRED.

Order complete. 35
Letter only.
Order complete with Letter.

note - 1-15P

*for the
first
copy
1/5/17*