Closed PER 1 year

Scott. II-27—104,006—4-11-49.

Education (1950) Department.

Ms. SERIES.

G.O. NO. 951 - Edu.

Dated 22-3-1950.

Order on
7183 Cf

(140)

[Despatch Abstract.]

Grant - Equipment - The Madras Institute of Technology - Rs. 5 lakhs - Payment in 1949-50 - Ordered.

Back Papers.

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

Further Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
Go	1713	Edn	7-6-50				
Ms	838	Edn	5.4.51				

IME MINISTER,
INDIA.

New Delhi,
November 23, 1948.

My dear Mr. Reddiar,

I have seen some papers about the Madras Institute of Technology. It seems to me that this is a worthwhile institution which might be able to do very good work in future. We should like to develop it, though I fear at the present moment our capacity to do so is limited. I hope that your Government will help it.

Yours sincerely,

Jawaharlal Nehru

The Hon'ble
Shri O.P. Ramaswami Reddiar,
Premier of Madras,
Madras.

2

3/

THE MADRAS INSTITUTE OF TECHNOLOGY

Mylapore :: Madras

AN APPEAL

THE immediate need in India to-day is to train up a large band of youngmen for the Industrial re-generation of the country. Experience has proved that this training should be given in India itself by a new and modified system of education adapted to the growing National needs.

One of the draw-backs in the present system of education is that Science and Engineering are kept completely apart and taught as separate courses in separate institutions. The orientation that should be given urgently to our educational methods is to teach advanced Science and Engineering together and to produce a type of highly qualified engineer-scientist, fully equipped with the theoretical and practical knowledge essential for initiating, organising and developing any particular branch of Technology or Industry.

3

It is in order to bring about this desirable fusion between scientific and engineering education of an advanced kind, that the Madras Institute of Technology is started.

There is a definite and immediate need for such an Institution to-day. Many of our youngmen, highly talented and competent to take to and profit by an advanced industrial and technological education, find to their utter disappointment that there are no institutions to give them the training they desire and yearn for; they are, hence, forced to take to other and less important courses. There can be no doubt, that the students trained in the Institute will find ready, independent and essentially useful employment after graduation.

Mr. C. Rajam has made a generous and magnificent donation of Rs. 5 lakhs for an Institute of this kind. The Madras Institute of Technology was registered on 17th May, 1947 under the Societies Registration Act, XXI of 1860, the main objects of which are:

K

to promote and advance higher education in Science, Technology and Industries;

to establish and maintain a research laboratory or laboratories in the Sciences and Industries;

to do or carry on business in the course of carrying out the primary purpose of the Institute and to get such work done by the beneficiaries of the Institute;

to award scholarships to deserving students to undergo special training in the Sciences and Industries in or out of India;

to prepare and encourage the preparation of suitable treatises and text books in the Sciences and in other technical subjects and to encourage visual education through films.

Fifty-seven acres of land, ideally situated for the purpose, opposite the Chromepet Railway Station and already provided with well laid out roads and other amenities, have been purchased in the name of the Institute. These 57 acres of land were in charge of the Naval Stores Department who had put up a number of Bellman Hangars, Nissen Sheds and other tiled buildings on the area. These structures were later acquired by the Madras Government; but an understanding was arrived at between the Madras Government and the Institute, whereby the Institute agreed to sell half of its land to the Government and the Government agreed to sell two Bellman Hangars and all the tiled buildings in the area to the Institute at cost price.

The Madras Institute of Technology is now in possession, therefore, of about 30 acres of land, 2 Bellman Hangars each of the area of about 30,000 sq. ft. and a number of tiled buildings which with minimum remodelling can be adapted for housing the class rooms, laboratories and workshops and for providing the necessary accommodation for the hostels and staff quarters. There is a separate Railway Siding within its limits. There is a sub-station and electric power is available at site. In every way the locality is ideally suited to the needs of the Madras Institute of Technology.

The Institute will be modelled largely on American Institute of Technology. But since the cost of starting all the major courses at once and equipping the necessary laboratories and workshops immediately, is prohibitively large, it has been decided to start the Institute, in the beginning, on a modest but sufficiently attractive scale and to programme for rapid expansion in the coming years.

The initial courses to be started must, nevertheless, be important enough, viewed from the point of view of the Nation's Industrial and Technical needs. These courses should attract students readily and must be such as to offer ready employment to them after graduation. It is advisable to start only such courses as are not taught in other existing institutions. With these ideas in view, it is now proposed to start initially the courses in the following subjects:

1. Electronics;
2. Instrument Technology.
3. Specialised Mechanical Engineering; and
4. Production Technology for Heavy Electrical Machinery.

It may be possible to start two subjects immediately and the other subjects after a year or two.

It is proposed to take in students with B.Sc. qualifications and to give them three years intensive training in any of the branches. The first year will be common to all the branches herein, when subjects such as Engineering Mathematics, Physics, Chemistry, Geology, basic Engineering, Properties and strengths of Engineering materials, Engineering Drawing, Survey, elements of building and machine design, etc., will be taught. The subsequent two years will be devoted to an intensive specialisation in the respective branches. The courses are being framed to equip the students to meet the needs of industry and not to make them mere scientific or engineering academecians. More number of working days per year and more hours of work per day are sought to be enforced.

It is also confidently expected that both the Union Government and the Provincial Government will help the Institute with adequate grants-in-aid.

Certain initial steps have been taken already for providing the necessary equipment for the Institute. An indent for Workshop machinery was prepared and the Ministry of Education, Government of India, have allotted to the Institute all the machine tools indented for, out of the Government stocks marked for disposal. These items of machinery are expected to be released very shortly and will be available for the Institute.

Practically all the preliminary work has been completed so as to enable the Institute to start functioning from July 1949. The only thing necessary now is to enlist public co-operation and help in this endeavour. It is estimated that an initial expenditure of 10 lakhs of rupees will be necessary to start the preliminary courses in the Institute, in addition to sums invested in acquiring lands and sheds in Chromepet. The cost of remodelling the sheds and equipping the required laboratories and workshops for the first year basic course is estimated to be about 5 lakhs of rupees and this amount must be found immediately if the Institute is to begin work in July 1949. This amount is to be raised by public donations and we, the undersigned, appeal to all public-spirited persons to come forward with adequate and generous donations and help us in realising our aim to build up a first rate, well-equipped, well-planned Institute of Technology in Madras.

Contributions may be sent to the Madras Institute of Technology, 'India House,' Mylapore, Madras.

Aeronautics
Motor engineering

SIGNATORIES

1. Dr. S. Radhakrishnan.
2. Sir C. P. Ramaswamy Aiyar.
3. The Hon'ble Mr. M. Bhaktavatsalam, Minister, Public Works.
4. Sir James Doak.
5. Mr. C. I. Wonfor, President, Madras Chamber of Commerce.
6. Mr. S. W. Edwards, Messrs. Spencer & Co., Ltd., Madras.
7. Mr. J. M. Smith, Messrs. P. Orr & Sons Ltd., Madras.
8. Sri K. Srinivasan, Editor, "The Hindu," Madras.
9. Sri C. R. Srinivasan, Editor, "Swadesamitran," Madras.
10. Sri T. T. Krishnamachari.
11. Sri R. Ramjeedoss Aiyar.
12. Sri C. Rajam, India Company Ltd.
13. Sri T. V. Sundaram Ayyangar, Messrs. T. V. S. Ltd., Madura.
14. Sri Karimuthu Thyagaraja Chettiar, Meenakshi Mills Ltd.
15. Sri Vummidi Pandurangiah Chetty, President, Southern India Chamber of Commerce.
16. Sri N. Rama Rao, President, Andhra Chamber of Commerce.
17. Sri C. Seshachalam, Messrs Curzon & Co.
18. Sri M. Ct. Chidambaram Chettiar.
19. Sri V. Emberumanar Chetty, Messrs. Hoe & Co., Ltd.
20. Sri L. Venkatakrishna Aiyar, Retired Chief Engineer, P.W.D.
21. Sri M. Subbaraya Aiyar.
22. Sri R. Ramanathan Chettiar.
23. Sri V. Seshasayee.
24. Sri T. R. Venkataramasastriar.
25. Sir S. Varadachariar.
26. Sri Dewan Bahadur A. M. Murugappa Chettiar.

Telephone: 86551

The Madras Institute of Technology
INDIA HOUSE, MYLAPORE

5

Ref.

Date, 4th ~~2nd~~ December, 1948.

4/12

3

130065

Dear Sir,

In our interview with you on Thursday last you desired us to give you a complete picture of the Madras Institute of Technology, its scope and purpose, the progress so far achieved and the manner and measure of help that is expected from Government to further the objects of the Institute. The Madras Institute of Technology owed its inspiration to the wholesome advice given by Sri C. Rajagopalachari three years back to give an industrial bias to educational institutions that may come into existence in future. The idea took form and shape when the Chromepet property on which Bellman Hangers had been erected during war time was offered for sale. Mr. C. Rajam set apart 5 lakhs of rupees out of his earnings for an endowment to the Institute and proceeded not merely to buy up the property but also to bid for the superstructures in the property when they were put up for auction by the Defence Department of the Government of India. Thanks to the good offices of Sri C. Rajagopalachari when he was Industries and Supplies Member of the Government of India and Sardar Baldev Singh, the Defence Minister, the superstructures were acquired and an arrangement was entered into with the Madras Government whereby both the land as well as the superstructures were divided between the Government and the Institute to mutual advantage.

At the moment the Institute possesses about 30 acres of land on which there are sufficient superstructures which with remodelling and reconditioning will provide ample accommodation for the Institute and its courses of study. There are now 8 lecture halls 20/30 ft.

Ref

Date, 194

4

Rev

2 laboratories 20/30 ft. 6 lectures' rooms 10/20 ft. and two office rooms 10/20 ft. more or less ready and available for immediate use. There is hostel accommodation consisting of 36 rooms each 10/24 ft. to accommodate 108 students besides accommodation for hostel stores and office, kitchen and dining room. Residences for a principal, four professors and 8 lecturers are now in process of conversion. Ample water supply has been laid out and the place is fitted up with electricity also. Two workshop sheds each measuring 30000 sq. ft. complete with railway siding await remodelling. Applications for acquisition of adjoining land and assignment of revenue poramboke abutting the land are now pending before the Government of Madras. If these are secured the total acreage under the control of the Institute would be well over 60 acres and therefore cover its present and potential requirements.

The Institute has assumed form and shape with the endowment made by Mr. C. Rajam. It has been registered as a charitable Institution under the Societies' Registration Act and its present council of management consists of Messrs. C. Rajam, K. Srinivasan, C.R. Srinivasan, L. Venkatakrishna Iyer, M. Subbaroya Iyer, C.R. Ramaswami. It is the intention of the Institute to seek public benefactions and good support is confidently expected. Copy of an appeal signed by prominent men in public life is enclosed to give point to our expectation. But before going to the public in earnest for the collection of funds it is the desire of the Institute to get it functioning as early as possible with a view to inspire confidence and

and ensure adequate support. In this context an application from the Institute is pending with the government for recognition of contributions to the Institute as exempted from Income tax. The Premier of Madras was also interviewed for the purpose by Mr. T.R.Venkatarama Sastri and we have been assured sympathetic consideration but orders are still awaited.

In order to enable the Institute to start working we have approached the Government of India both for non-recurring and recurring grants and applied also for allotment of machine tools and precision instruments from the Department of Disposals. We have every reason to believe that the Government of India is fully interested in the development of the Institute and we look to the Madras Government to evince like interest. We want a grant of 10 lakhs for equipment relating to the various sections we propose to open up. We have detailed below the courses we contemplate and the budget for each section and it will be readily recognised that these courses provide not merely a practical approach but also assurance of employment for the students trained in the expanding economy of the country.

C

The immediate requirements for equipment would cost approximately,

M

Chemistry:	1.00 Lakhs
Physics:	1.00 Lakhs
Gas Plant:	0.15 Lakhs
Geology:	0.35 Lakhs
General Workshops:	1.50 Lakhs
Precision tools and Instrument Technology:	1.50 Lakhs
Strength of Materials:	1.00 Lakhs

Contd.

Telephone: 86551

11

The Madras Institute of Technology
INDIA HOUSE, MYLAPORE

Ref

Date, 6 194

Mech. Eng. Lab.	1.00	Lakhs	NB. This does not include provision for Automobile Engineering, Aeronautical Engineering, but most of the work in the first year will comprise work in the laboratories mentioned above.
Elect. Eng. "	1.00	"	
Electronic Lab.	1.50	"	
Furniture:	1.00	"	
Library equipment and books:	1.00	"	
	12.00 Lakhs.		

M

We have already asked for the supply of Machine tools, the 7 items already referred to and a further 5 items with 13 items of small tools applied for from the Disposals, free of cost. We now pray that we may be given a grant of ten lakhs of rupees for the present, to cover initial equipment. The donations as and when collected will form ~~from~~ the nucleus for working costs etc.

If the Madras Government generously come forward to extend help to the Institute it would have helped to create an Institute in the province which can stand comparison with any similar institution in the country and in course of time with any institution in the world. In conclusion we summarise our requirements for the issue of favourable orders.

1. Acquisition of land adjoining the property of the Institute.

Rev

In our letter dated 25-8-47 copy sent to the Revenue Department, we asked for the acquisition on behalf of the Institute, the following areas:

Hasanapuram Village:
Paimash No:229-- 1 acre odd
226/4-0.50 cents
226/3- 44 "
230/2-2.50 acres

Z

Zamin Pallavaram
Village S.No.438-8.00 acres.

13

Ref

Date, 7 194

Collector of Chingleput was also addressed and copy sent to Revenue and P.W. Departments of Government on 25-8-47.

Secretary to Government was again reminded on 1-3-48

Collector of Chingleput enquired in his letter No.6619/48 Kc dated 10-7-48 if the lands were still required. The requirement was confirmed on 15-7-48.

Rev

2. Assignment of revenue poromboke abutting the property of the Institute.

We also addressed the Government in the Revenue Department to transfer to us S.No.437 a revenue poromboke.

Dev & EPL

3. Formal recognition of the Institute by the Government.

L.S.G

4. Allotment of priorities for the supply of steel materials and cement for the building operations of the Institute.

Malabar or Godavari Teak:	in logs	100 tons.	— C II
Steel: M.S. Bars:	$\frac{1}{4}$" Dr.	10 tons	L
	3/8 Dr.	15 tons	
	$\frac{1}{2}$" Dr.	20 tons	
Portland Cement:	@ 300 tons a month:	1,500 tons	— P.W.D
Pipes for water supply and labs:	$\frac{1}{2}$" Dr.	3000ft.	L
	$\frac{3}{4}$" "	2000 "	
	1" "	2000 "	
	$1\frac{1}{2}$"Dr.	1000 "	
	2" "	2000 "	
	3" "	650 "	

C II

5. Supply of timber from government depots at concession rates. C II

6. Exemption of contributions to the Institute from Income tax.

Dev DI

7. Award of Government grant to the extent of 10 lakhs.

Yours faithfully,

L. Venkatachalam
4.12.48

The Secretary,
Development Department,
GOVERNMENT OF MADRAS.

Development Department.

D.O. No. 126 586. D I/48 dated 20-1-49

8

My dear Panditji,

I acknowledge receipt of your letter dated 23rd November regarding the Madras Institute of Technology. The delay in sending a reply is due to the fact that the promoters of the Institute had asked us for certain assistance which we rendered to them and that in view of your letter they had to be contacted to ascertain specifically what further assistance they required. It appears from further discussion that they want a grant of ten lakhs of rupees. It would obviously be impossible for this Govt. to meet this demand in full. This request is now being considered and I shall let you know shortly the decision of my government.

p/ above

p.g above

Yours sincerely,

(for) (H. Pr.)
G.P.R.
20/1/49

20/1

The Hon'ble

Pandit Jawaharlal Nehru,
Prime Minister,
Government of India,
New Delhi.

Despatched
20.1.49.

20/1

Z

Dev (DI)

52/14/2

Lr no ~~12658 DI/48~~ 12560 - D.I/49-1 d. 12-2-49.

9

Reissue
B 12/7/49

TO

Sri C. Rajam.
Madras Institute of Technology.
India House, Mylapore.

Sir,

Sub: Madras Institute of Technology - Assistance ~~to~~.

Ref: Letter d 4.12.48 from Sri L. Venkatakrishna Aiyar

pp5-13 CF

'A' p12 NF &
'B' p13 NF

I am directed to enquire whether the Madras Institute of Technology proposes to run degree courses and will seek affiliation with the University of Madras or whether it will be in line with the ~~Polytechnics~~ Govt Polytechnics and other private technological institutes under the control of the D.I.E., Madras.

A very early reply is requested.

Y.F.

CPG
12.2.49

One
11.2.49.

R. 26.2.49.

~~20~~/8

~~2~~ 60/49
1.3.49
19

PRIME MINISTER'S SECRETARIAT, INDIA.

No:D/S/1654 *New Delhi, the* 21st February 1949.

Dear Sir,

Enclosed for ready reference is a copy of your Hon'ble Premier's letter of the 21st January 1949 to the Hon'ble the Prime Minister, to which a reply is still awaited. 10

Yours truly, P.21 infra

(K.Ramakrishnan)
Asst. Private Secy.

The Private Secretary to the
Hon'ble the Premier of Madras,
Madras.

GOVERNMENT OF MADRAS. 21

Port St. George,
21st January, 1949.

My dear Panditji, 11

Plank

I acknowledge receipt of your letter dated the 23rd November regarding the Madras Institute of Technology. The delay in sending a reply is due to the fact that the promoters of the Institute had asked us for certain assistance which we rendered to them and that in view of your letter they had to be contacted to ascertain specifically what further assista-nce they required. It appears from further dicussion that they want a gra-nt of ten lakhs of rupees. It would obviously be impossible for this Government to meet this demand in full. This request is now being considered and I shall let you know shortly the decision of my Government.

Yours sincerely,

O.P. Ramaswami Reddiar

The Hon'ble Pandit Jawaharlal Nehru,
Prime Minister of India,
New Delhi.

22

23 ~~21~~

Madras Institute of Technology

TELEGRAMS : "MIT"
TELEPHONE :

CHROMEPET P. O., CHINGLEPUT DT.
MADRAS – (South India)

DI 63/28/2

Ref. FA& R:R-1/91:3

23rd.February 1949

21986

12

To,

The Secretary to the Government,
Development Department,
FORT ST.GEORGE,MADRAS

Sir,

p 17 above

Ref:Your letter No.12560 DI/49-1 Dated 12-2-49
Subject: Madras Institute of Technology,Assistance.

A

The Institute which will give specialised training in specific items of Higher Technology,propose to ask for affliation by the Madras University.Two of the members have had preliminery discussions with the VICE CHANCELLOR,Sir A.Lakshmanaswami Mudaliar,who welcomed the idea of the new courses of Engineering undertaken by the Institute and indicated that he would take steps for adopting these courses in the regulations of the University when the courses have been established and are functioning.

B

The Institute will ,meanwhile ,seek the Cooperation of the Government in the Industries department,in the work of the Institute as its work and curricula are most nearly allied to it.

Yours Faithfully,

M Subbaraya Aiyar

Secretary, Madras Institute of Technology

~~22~~ 24

~~8~~ 25

No.40(44)48/PMS.

PRIME MINISTER'S SECRETARIAT,
NEW DELHI.

15th April 1949.

Secy E&P.H.
Please put up a suitable reply soon
25-4

— Replied - Page 31 infra

My dear Premier,

13

Would you kindly refer to your predecessor's letter of the 21st January regarding the Madras Institute of Technology (copy enclosed for facility of reference)? Pg infra

P15 ante

P27 infra

We shall be glad to know whether any decision has since been taken in the matter.

25 APR 1949
EDUCATION

Yours sincerely,

A.V.Pai

(A.V.PAI)
Principal Private Secretary.

Hon'ble
Sri P.S.Kumaraswami Raja,
Premier of Madras,
MADRAS.

22

26
~~8~~

27

GOVERNMENT OF MADRAS.

Fort St. George,
21st January, 1949.

My dear Panditji,

Please

I acknowledge receipt of your letter dated the 23rd November regarding the Madras Institute of Technology. The delay in sending a reply is due to the fact that the promoters of the Institute had asked us for certain assistance which we rendered to them and that in view of your letter they had to be contacted to ascertain specifically what further assistance they required. It appears from further discussion that they want a grant of ten lakhs of rupees. It would obviously be impossible for this Government to meet this demand in full. This request is now being considered and I shall let you know shortly the decision of my Government.

14

Yours sincerely,
Sd/- O.P. Ramaswami Reddiar

The Hon'ble Pandit Jawaharlal Nehru,
Prime Minister of India,
New Delhi.

E.& P.H.(G.2) 29

Grants - Madras Institute of Technology.

Memo.No.7840 82/87 Edn.,dated 26/4/4 15

PP5-13 c.f.

P23 c.f.

A copy of a letter from Sri L.Venkatakrishna Iyer, on behalf of the management of the Madras Institute of Technology, for a grant for the institution, is forwarded to the D.P.I. It is understood that the Institute proposes to apply for affiliation to the University of Madras, in due course ~~for being affiliated to it~~. The Govt.would like to consider on merits the request of the Institute for financial assistance and then ~~propose to~~ address the Govt. of India for the inclusion of the scheme in the post-war development programme so that it may be eligible also for a grant from the ~~Central fund~~ Central Fund. The D.P.I. is requested, ~~to~~ after consultation with the

D.I.& C.

30

Director of Industries and Commerce to submit a detailed report on the aims and bbjects and the working of the Institute, its financial position and the amount of grant that he would recommend to the ~~institution~~ institute.

VRS
29/3/49

31-3-49

29.3.49

To

The D.P.I.(with encl - copy of p.p.5-13 & (19-21) c.f.)
& the printed note on pages 15-16 cf

PP 17-23 cf

Copy to the D I & C

sent in cycle

16

31

Issued by
PPS. [illegible]

E.& P.H.(G.2)

D.O.No. Edn.,dated

Dear Mr.Pai,

P 25 ante

Ref:-Your D.O. to ~~the~~ H.Pr.No.40(44)48/PMS dated 15.4.49 regarding the Madras Institute of Technology.

The Govt.have already decided that the Madras Institute of Technology deserves financial help from Government. The question of what ~~the~~ grants ~~to be made are~~ should be given to the Institute is still under consideration. The Govt.will reach a decision on this question as soon as they receive a report from the D.P.I. in the matter.

PP 29-30 ante cf

2.It has been suggested that the scheme might ~~as well~~ be included in the Post-War Development Programme so ~~that~~ it might ~~it~~ be eligible for a grant from the ~~Central Post War Development Fund.~~ Central ~~Grants~~ Govt. This Govt.expect to make an application to the Central Govt. ~~on~~ in this behalf.

paras 8 and 12 cf

Yours sincerely,

T.O.for address entry.

VRS
26/4/49

26.4.49.

27/4/49

32

To
A.V.Pai Esq., I.C.S,
Principal Private
Secretary,
Prime Minister's
Secretariat,
New Delhi.

F.C. despatched
30/5/49

E&H(G2) 33

Grants - Madras Institute of Technology 17

Memo 7870-92/49-4 Edn 30/5/49

27/4
31/5

PP 29-30
cf

The attention of the D.P.I. is invited to Govt. Memo No. 7870-92/49-3 Edn dt. 26/4/49 and he is requested to state when his reply may be expected.

BN
30/5/49

To
the D.P.I.

MB 1/6

VRS
28/5/49

18

E+PH (G2)

Grants - Madras Institute of Technology -

Dt 20/6

Memo No 787092/49-5 Edn dt - 20-6-49

PP 29-30 cf
P 33 cf

The attention of the D.P.I. is invited to Govt. Memo No. 787092/49-3 Edn dt 26.4.49 and the reminder thereon dt - 30/5/49 and he is requested to state when his reply may be expected.

RS
17/6/49

17/6/49

17.6.49.

To
the D.P.I.

20/6

36

19

37

C.F. 32 (a).

......................Department From (Name) Designation The Director of Public Instruction Station M A D R A S.	Received G2 Registered To The Secretary to Government, Education and Public Health Department.

Enclosures :

ASST. SECRETARY TO GOVERNMENT
30 JUN 1949
49741
EDUCATION AND PUBLIC HEALTH DEPT.

No. Rc. No. 656 D2/ 8 dated 27--6-- 1949.

Sir,

Sub:- Grants--Madras Institute of Technology.

Ref:- Memo No. 7870 G2/49-5- Edn. dated 2 --6--1949

P35 and

The matter is under correspondence with the Principal of the Engineering College, Guindy. I will submit my reply as soon as the report from the Principal is received in this Office.

Yours faithfully

for DIRECTOR OF PUBLIC INSTRUCTION

K.M.R. 28--6--

2/6

20

E.& P.H.(G.2)

Grants - The Madras Institute of Technology.

C.No.7870/49.

Memo.No. 7870-92/49-6 Edn.,dated 14/7/49

The attention of the D.P.I. is invited to his letter No.Rc.656-D2/48 dated 27-6-1949 and he is requested to state when his final report in the matter may be expected.

P37 cf

To

The D.P.I.

Desp 14/7

VS 13/7/49

VR 14-7-49

13.7.49.

15.7.49

Extract of current file (P.W.D) No.2601 9/49

Copy of letter dated 2-6-1949 from Sri L.Venkatakrishna Iyer, Member of Council, Madras Institute of Technology, to the Hon'ble the Minister for P.Works & Engineering Education):--

Dear Mr.Bhaktavatsalam,

As desired by you this morning, I enclose herewith copies of the latest letters on the several subjects now pending with the Govt.

Letter N.LA.2/149 dated 22nd April 1949 read with letter dated 4th December 1948 gives a complete picture regarding the position of land acquisition for the Institution.

21

Letter No.2/153 dated 22nd April 1949 gives a picture regarding Hangar No.2.

In our letter dated 4th December 1948, in paragrapn 4 we have requested Govt. for suitable financial help. Letter dated 28th March 1949(Ref.No.F.12.28/48-T.2) from the Secretary to the Govt.of India, Ministry of Education, Paragraphs 1 and 2 relate to the position in regard to the Govt.of India, and discloses that the recommendation of the Madras Govt. regarding financialhelp has not yet reached them. I request that this might be expedited.

Copy of letter No.F.12.28/48-T2 dated 28.3.1949 from the Secy.to the Govt.of India, Ministry of Edn., to Sri T.R.Venkatarama Sastri:--

Dear Mr.Sastri,

Kindly refer to your letter dated the 19th March 1949 regarding grant to the Madras Institute of Technology at Chrompet. We have not received any proposal yet from the Govt. of Madras.

The question of supply of scientific equipment from disposals to educational institutions at concessional rates is under active consideration and I expect a decision will be taken at an early date. If as I hope such a concession becomes available to educational institutions, I have no doubt that the Madras Institute of Technology will receive its due share.

43

22

E.& P.H.(G.2)

Grants - The Madras Institute of Technology.

Memo.No.7870-82/49-7 Edn.,dated 11.8.49

The attention of the D.P.I. is invited to his letter No.Rc.656-D2/48 dated 27.6.1949 and this office reminder dated 14.7.1949 and he is requested to expedite his final report in the matter.

To

The D.P.I.

11/8

P37 cf

P39 cf

11/8/49

16849

1818

44

G2

Telephone: 8655

The Madras Institute of Technology

INDIA HOUSE, MYLAPORE

Ref ....   Date ~~14th Aug.~~ 1949.

Dev 86299

The report of the D.P.I. must have been received by now. The matter may be taken up for early disposal

SECRETARY TO GOVERNMENT
18-8 22 AUG 1949
DEVELOPMENT DEPARTMENT

ASST. SECRETARY TO GOVERNMENT
EDUCATION AND PUBLIC HEALTH DEPT.
25 AUG 1949

66323

The Hon'ble Sri M.Bhakthavathsalam,
Minister for Engineering Education and
Public Works,
Government of Madras, Fort.St.George,Madras.

Sir,

Under directions of our Vice-President, Sri T.R.Venkatarama Sastriar, I am enclosing a copy of the communication sent to the Hon'ble the Premier Mr. P.S. Kumaraswami Raja, giving a brief resume of the work of the Institute since its start up to date and praying for the grant of 5 lacs immediately.

PP 42-49

Yours faithfully,

M Subbarayan

Council Member.

Encl:

Examine the whole matter and put up. This will have to go to the Cabinet also.

19-8

42

44

46

Dev. D.I

45 ante

To AS

The letter from the Council Member of the Madras Institute of Technology ~~a~~ ~~p.i. above~~ together with the minutes of HM (P.W) and H.Pr. thereon (on p.i. above) and the enclos. on (pp 3 - 13) below may be perused.

PP47-57 w/pr

The main file on the subject was transferred to E.f.P. H. with this Depts Lio. no. 12560 - D.I/49.2. d. 4-3-49

P14 w/

A recent communication received from the P.W.D on the subject was also sent to E.f.P. H. with this Depts no. No. 77547 - D.I/49-1 d. 4.8.49.

sent with WPWD

This may be sent to E.f.P. H. in continuation.

24/8/49 24.8.49

Develop't no.
No. 86299 - D.I/49-1
24-8-49.

Wd to E.f.P. H
24.8.49

A

47

Madras Institute of Technology

IN THE SERVICE OF INDIA · MIT

TELEGRAMS: "MIT"
TELEPHONE:

CHROMEPET P.O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

REF.

12th August 1949

24

To
The Hon'ble Mr. P.S.Kumaraswamy Raja,
Premier,
Government of Madras,
Fort.St.George,Madras.

Sir,

We beg to give a brief resume of the work of the Institute since its start up to date.

The Institute owes its origin to the inspiration of His Excellency the Governor General Sri C.Rajagopalachari who urged us to start a technological Institute of a high order offering theoretical and practical courses- planned to coordinate scientific industrial and technical applications in the fields of electrical, industrial, mechanical engineering ~~colls~~ and engineering physics which are of great and urgent need and not met by the existing engineering colleges. Some years previous to this an announcement was made for starting a Satyamurthi ~~but unfortunately it was not pursued Mr. C.Rajam promised the Governor General to give~~ College of Technology in the revered name of Sri Satyamurthi, but unfortunately it was not pursued. Mr. C.Rajam promised the Governor General to give Rs.5 lacs to the Institute and actually gave the 5 lacs by selling his beautiful two bungalows built with great taste for his personal use.

The Institute was registered under the Societies Registration Act, Act XXI of 1860 on 17-5-1948 for advancing higher education in Sciences, Technology and Industry and purchased for Rs.1,50,000/- 57 acres of land now in the occupation of the Institute and the Government. On this land the Naval Stores Hangars and buildings etc. were erected by the Military and as these were not required, the Disposals held auction of the sheds and buildings on 19-5-1947, and the Institute purchased two hangars and the tiled buildings etc. Later the auction was cancelled.

Through the good offices of the Governor-General when he was Industries and Supplies Member of the Government of India, and the Hon'ble Sardar Baldev Singh, the Defence Minister, an arrangement was entered into with the Madras Government for dividing both the land and structures between the Government and the Institute.

Prominent men in public life including the Hon'ble Sri M.Bhaktavatsalam issued a public appeal for funds. Some members of the public have subscribed about Rs.1,60,000/- by way of donations and some of the donors are Messrs. Parry & Co., Ltd., Spencer & Co.,Ltd., P.Orr & Sons Ltd., Madura Mills Ltd., and Sri S.S.Vasan. As it was felt necessary to start the Institute functioning for inspiring confidence and secure

(Page 2)

adequate public support, efforts were concentrated in adapting the buildings for purposes of the work of the Institute. This was completed in July 1949. Hostels for 108 students, six staff quarters including that for the Head of the Institute, Canteen, dining hall, workshop and drawing halls, laboratories for the several sections, Office Rooms, staff rooms were all made ready. 90 students, all B.Sc., Mathematics and B.Sc. Physics Graduates some of whom are Honours Graduates have been admitted for the four courses:-

1. Radio and Electronics (Physical Engineering).
2. Instrument Technology.
3. Automobile Engineering.
4. Aeronautical Engineering.

for which there is good demand and scope either for getting absorbed in business or employment.

Sri N.R.Sarkar, Chairman, All India Council of Technical Education and the Hon'ble Dr. Shyama Prasad Mookerjee, Minister for Industries and Supplies, Dr. Tara Chand, Secretary, Education Ministry, visited the place and expressed satisfaction at the location and the arrangements. The President of the Committee of Management Sir S.Radhakrishnan went over the Institute and discussed matters relating to the Institute on 10-8-1949.

A delegation of the Council of the Institute, Messrs. C.Rajam, L.Venkatakrishnan and Mr.Subbaraya Aiyar, went to Delhi, on 15-11-1948 to get the help of the Government of India to have the Institute recognised for purposes of Section 15-B of the Indian Incometax Act and for release and allotment of equipment materials, machinery and tools out of the surplus tools available with the Disposal Department allotted by the Education Department of the Government of India. The delegation interviewed the Prime Minister Pandit Nehru, the Defence Minister, and the Minister for Industries and Supplies, Secretary, Education Department and the Adviser to the Government of India, Industrial Education. The Government passed orders recognising the Institute as one of the approved institutions under Section 15-B of the Indian Incometax Act and issued orders for supplies of scientific equipment at concession rates (10% of the original cost) and as regards the grant from the Central Government the Prime Minister stated that this is a worthwhile Institution which must be helped by both the Provincial and Central Governments and that on the Provincial Government granting its grant, the Central Government would make its grant. Pandit Nehru wrote to the Premier of Madras in this behalf and at the instance of the Premier we wrote our letter dated 4-12-1948 to the Secretary, Development Department as to the grants and concessions immediately required from the Government of Madras. A copy of the letter dated 4-12-1948 is enclosed. We request that immediate action may be taken on that letter.

P/ draft

[illegible]

original in main file
Sent to E&P. II after necessary action

Madras Institute of Technology

TELEGRAMS : "MIT"
TELEPHONE :

CHROMEPET P.O., CHINGLEPUT DT.
MADRAS - (South India)

REF.
19

(Page 3).

The Institute requested for an initial grant of 10 lacs by the Provincial and Central Governments for equipment and buildings.

The Central Government have allotted a few machine tools and sent a list of other available tools for the Institute to make a selection of its requirements.

The Institute was opened on 18-7-1949 at which the Hon'ble the Premier Mr. P.S.Kumaraswami Raja presided. The capital grant of 5 lacs from the Provincial Government which was approved by the Government of Madras may be granted immediately in order that the Institute may get its further urgent equipments.

In the first year the students are taught the fundamentals common to the several branches of engineering the core of the curriculum being formed by courses in applied Physics, Mathematics, Chemistry, strength of material, structural analysis, Thermo-Dynamics.

The teaching staff now is composed of Lecturers of Applied Mathematics, Physics and Chemistry, Civil, Electrical and Mechanical Engineering, Surveying, Drawing and for workshop practice. Mr. M.K.Ranganathan, Chief Engineer (Retired) is now the head of the Institute. Mr. C.R.Srinivasan, one of the members of the management Committee while in Europe, last month, consulted Dr. Sir A.Lakshmanaswami Mudaliar in regard to the fixing up of a first rate Professor for Automobile and Aeronautical Engineering. The Indian Embassies in the several countries in Europe and also the High Commissioner in London have been requested to help the selection. We are also negotiating for a Professor of Electronics in Massachusettes Institute of Technology being appointed as Professor in this Institute.

The Institute is started relying on the promise of the Provincial Government followed by a grant of the Central Government. The equipment and machinery for carpentary are now working. Some other machine and tools of the value of 35 thousand have been ordered for from the Disposal of the Government which was granted at 10% of cost and that the railway receipt for the same has already been received. It has become very urgent to find further equipment.

The Director of Public Instruction, Mr. D.S.Reddy and the Principal of the Engineering College Mr.Paul visited the Institute on 30-7-1949.

We request that the grant of 5 lacs may be made immediately to the Institute in order that the several equipment may be purchased and to approach the Government of India for making a similar grant this year itself in accordance with the assurance given to us by the Ministers.

Yours faithfully,

MADRAS INSTITUTE OF TECHNOLOGY.

True copy

The Secretary,
Development Department,
Government of Madras.

4th December, 1948.

26

Dear Sir,

In our interview with you on Thursday last you desired us to give you a complete picture of the Madras Institute of Technology, its scope and purpose, the progress so far achieved and the manner and measure of help that is expected from Government to further the objects of the Institute. The Madras Institute of Technology owed its inspiration to the wholesome advice given by Sri C. Rajagopalachari three years back to give an industrial bias to educational institutions that may come into existence in future. The idea took form and shape when the Chromepet property on which Bellman Hangars had been erected during war time was offered for sale. Mr. C. Rajam set apart 5 lakhs of rupees out of his earnings for an endowment to the Institute and proceeded not merely to buy up the property but also to bid for the superstructures in the property when they were put up for auction by the Defence Department of the Government of India. Thanks to the good offices of Sri C. Rajagopalachari when he was Industries and Supplies Member of the Government of India and Sardar Baldev Singh, the Defence Minister, the superstructures were acquired and an arrangement was entered into with the Madras Government whereby both the land as well as the superstructures were divided between the Government and the Institute to mutual advantage.

At the moment the Institute possesses about 30 acres of land on which there are sufficient superstructures which with remodelling and reconditioning will provide ample accommodation for the Institute and its courses of study. There are now 8 lecture halls 20/30 ft., 2 laboratories 20/30 ft., 6 lecturers' rooms 10/20 ft., and two Office Rooms 10/20 ft., more or less ready and available for immediate use. There is hostel accommodation consisting of 36 rooms each 10/24 ft. to accommodate 108 students besides accommodation for hostel stores and office, kitchen and dining room. Residences for a

True Copy

a principal, four professors and 8 lecturers are now in process of conversion. Ample water supply has been laid out and the place is fitted up with electricity also. Two workshop sheds each measuring 30,000 sq. ft. complete with railway siding await remodelling. Applications for acquisition of adjoining land and assignment of revenue poramboke abutting the land are now pending before the Government of Madras. If these are secured the total acreage under the control of the Institute would be well over 60 acres and therefore cover its present and potential requirements.

The Institute has assumed form and shape with the endowment made by Mr. C. Rajam. It has been registered as a charitable Institution under the Societies' Registration Act and its present Council of Management consists of Messrs. C. Rajam, K. Srinivasan, C.R. Srinivasan, L. Venkatakrishna Iyer, M. Subbaraya Aiyar, C.R. Ramaswami. It is the intention of the Institute to seek public benefactions and good support is confidently expected. Copy of an appeal signed by prominent men in public life is enclosed to give point to our expectation. But before going to the public in earnest for the collection of funds it is the desire of the Institute to get it functioning as early as possible with a view to inspire confidence and ensure adequate support. In this context ~~anx~~ application from the Institute is pending with the Government for recognition of contributions to the Institute as exempted from Incom tax. The Premier of Madras was also interviewed for the purpose by Sri T.R. Venkatarama Sastri and we have been assured sympathetic consideration but orders are still awaited.

In order to enable the Institute to start working we have approached the Government of India both for non-recurring and recurring grants and applied also for allotment of machine tools and precision instruments from the Department of Disposals. We have every reason to believe that the Government of India is fully interested in the development of the Institute and we look to the Madras Government to evince like interest. We want a grant of 10 lakhs for equipment relating to the various

various sections we propose to open up. We have detailed below the courses we contemplate and the budget for each section and it will be readily recognised that these courses provide not merely a practical approach but also assurance of employment for the students trained in the expanding economy of the country.

The immediate requirements for equipment would cost approximately,

28

Chemistry:	1.00 lakhs
Physics	1.00 lakhs
Gas Plant	0.15 lakhs
Geology	0.35 lakhs
General Workshops	1.50 lakhs
Precision tools and Instrument Technology	1.50 lakhs
Strength of materials	1.00 lakhs
Mech. Eng. Lab.	1.00 lakhs
Elect. Eng. Lab.	1.00 lakhs
Electronic Lab.	1.50 lakhs
Furniture	1.00 lakhs
Library equipment & books	1.00 lakhs
	12.00 lakhs

N.B. This does not include provision for Automobile Engineering, Aeronautical Engineering, but most of the work in the first year will comprise work in laboratories mentioned above.

We have already asked for the supply of Machine Tools, the 7 items already referred to and a further 5 items with 13 items of small tooks applied for from the Disposals, free of cost. We now pray that we may be given a grant of ten lakhs of rupees for the present, to cover initial equipment. The donations as and when collected will form the nucléus for working costs etc..

If the Madras Government generously come forward to extend help to the Institute it would have helped to create an Institute in the province which can stand comparison with any similar inctitution in the country and in course of time with any institution in the world. In conclusion we summarise our requirements for the issue of favourable orders.

1. Acquisition of land adjoining the property of the Institute.

   In our letter dated 25-8-47 copy sent to the Revenue Department, we asked for the acquisition on behalf of the Institute, the following areas:

   Hasanapuram Village:

   Paimash No. 229--1 acre odd
   226/4-0.50 cents.
   226/3- 44 "
   230/2-2.50 acres.

   Zamin Pallavaram
   Village S.No.438-8.00 acres.

The Collector of Chingleput was also addressed and copy sent to Revenue and P.W. Departments of Government on 25-8-47.

Secretary to Government was again reminded on 1-3-48.

Collector of Chingleput enquired in his letter No.6619/48 Kc. dated 10-7-48 if the lands were still required. The requirement was confirmed on 15-7-48.

2. Assignment of revenue poromboke abutting the property of the Institute.

29

We also addressed the Government in the Revenue Department to transfer to us S.No.437 a revenue poromboke.

3. Formal recognition of the Institute by the Government.

4. Allotment of priorities for the supply of steel materials and cement for the building operations of the Institute.

Malabar or Godavari Teak in logs	100 tons.
Steel: M.S. Bars ¼" Dr.	10 tons.
3/8" Dr.	15 tons.
1/2" Dr.	20 tons.

Portland Cement: @ 300 tons a month: 1,500 tons.

Pipes for water supply and labs: ½" Dr.	3000 ft.
¾" Dr.	2000 ft.
1" Dr.	2000 ft.
1½" Dr.	1000 ft.
2" Dr.	2000 ft.
3" Dr.	650 ft.

5. Supply of timber from Government Depots at concession rates.

6. Exemption of contributions to the Institute from Incometax.

7. Award of Government grant to the extent of 10 lakhs.

Yours faithfully,

Sd/- L. Venkatakrishnan,
Member of Council.

The Secretary,
Development Department,
GOVERNMENT OF MADRAS.

59

E.& P.H.(G.2)

Grants - The Madras Institute of Technology.

Memo.No. 7870-G2/49-8 Edn.,dated 1/9/49

P37 cf

PP39+43 cf

The attention of the D.P.I. is invited to his letter No.Rc.656-D2/48 dated 27.6.1949 and this office reminders dated 14.7.49 and 11.8.49 and he is requested to send his ~~reply~~ final report in the matter at a very early date.

30

To
The D.P.I.

31/8/49

1/9/49

5/9/49

1.9.49.

G2 E 61

R.C. 656 D2/48.

Office of the Director of Public
Instruction, Madras, dated 5-9-1949.

ASST. SECRETARY ... EDUCATION AND PUBLIC HEALTH ...
8 SEP

6 9125-

From
The Director of Public Instruction,
Madras.

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

31

Sir,

Sub: Grant - Madras Institute of Technology.
P43 ante Ref: Government Memorandum No. 7870-G2/49-7 Edn. dated 11-8-49.

***

do - P63 infra

With reference to the Government Memo cited above I have the honour to submit herewith a detailed report from the Principal of the Engineering College on the subject and to state as follows:-

There is at present practically no laboratory equipment, but the management informed me that orders had been placed with the Disposals Department for supply of machine tools etc. The purchase of mere work shop machinery will not by itself be sufficient as the laboratories will have to be equipped independently. Considering the syllabuses which from all accounts are very ambitious, the institute would practically need all the equipment which an Engineering College should possess, besides such equipment, which is likely to be considerable, as is necessary for the specialised courses which the management is contemplating to introduce.

As regards the staff there are four retired members of the P.W.D. who are handling the Engineering subjects. The other subjects are handled by the junior members of the Grade of Assistant Lecturers. No provision has yet been made for the teaching of Physics and Chemistry and arrangements have therefore been made with the Madras Christian College for laboratory and lecturing work. Besides this Mr. V.L. Rao and Mr. Subramaniam of Gannon Dunkerly are reported to have been appointed as visiting lecturers one for ~~Ex.~~ Electronics and the other for the Theory of structures. It may be mentioned in this connection that there is no provision for lectures on Electronics in the first year course. One other point is that no arrangements have been made for the teaching of Geology though it finds a place in the syllabus.

As regards finances, the initial endowment of Rs.5 lakhs has been fully utilized for the purchase of site, Buildings and equipment. The management appear to have now in hand about two lakhs of rupees which has subsequently been collected. They expect to collect substantial amounts in future. The fee income from the 100 students at the rate of Rs.750/- per head is expected to be Rs.75000/- and when the Institute has a full complement of students this fee would be Rs.2,25,000/-. Though it is a considerable amount, I feel that it may not be possible for the management to meet the recurring expenditure out of the fee income without a substantial contribution both from the Government as well as from the management's own ~~re~~ resources, particularly as it is the intention of the management to secure the services of experts from abroad.

For comparison, it may be mentioned that the anhual expenditure which Government is incurring on the Engineering College, Guindy is about Rs.9 lakhs. The management of the institute is apprently expecting a grant equal to the amount spent by them both from the Government of India as well as the Government of Madras, for meeting the immediate requirements of the college which is estimated by them at Rs.12 lakhs. In the absence of details it is not possible for me to comment on the correctness of this estimate.

P.T.O.

62

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In conclusion it may be pointed out that this is the first instance where a private body has decided to undertake a venture of this magnitude. For this reason the management no doubt, deserve special consideration and assistance. It will not however be possible to make any specific recommendation, regarding the extent of the help for the reasons:-

(1) that the courses have not been recognised and I am not able to get qualified technical advice regarding their suitability.

(2) that there is no comprehensive scheme giving details regarding not only the courses of study but also the number and qualifications of the staff that will eventually be employed and the buildings and equipment that would be necessary.

I therefore suggested that before coming to a final decision Government might consult the University. In addition a Committee consisting of experts in the 5 specialised courses proposed to be introduced namely Electronics, Instrument Technology, Aeronautics, Automobile Engineering and Motion Picture Engineering may also be constituted and their opinion obtained. It is desirable that such experts should be selected from among the staff of institutions which are actually teaching these subjects at present. As none of these subjects are being taught in any of the institutions in this Province, such advice should necessarily be obtained from out side the Province.

Director of Public Instruction.

MN. 6/9.

6/9

6/9

R.o.C.No.3.87.A/49

College of Engineering, Guindy,
Madras 15: Dated 9.7.1949.

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(11)

Subject: Grants - Madras Institute of Technology.
Reference: Proceedings of the Director of Public Instruction
No.U.O.656 D 2/48 dated 27.6.49.

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Resubmitted to the Director of Public Instruction.

32

Syllabus and Courses of Study: In order to give an opinion about an institute of this type it is very necessary to know the detailed syllabus for the various courses of study. From the information that is available one can only gather that certain courses, such as Electronics, Instrumental Technology, Mechanical Engineering, Production Engineering etc., are contemplated. The authorities propose to take B.Sc students and train them up for a period of three years, the first year being spent in General Engineering and the second and the third years being spent in advanced type of Engineering Training. From my experience of this institution for the last 26 years and looking at the special courses run in the A.C.College of Technology for the last five years, it is doubtful whether during this period of 3 years it is possible to train students to the higher form of specialisation than what is done in the various Engineering Colleges in this Presidency, by taking Intermediate students and training them for a period of four years in Civil, Mechanical, Electrical, Tele-communication, and Highway Engineering the basic branches of Engineering. Even B.Sc candidates with three years of training cannot become more than Engineers with a broad basic knowledge. How the Institute is goint to train them as specialists in one particular branch has yet to be seen. However, by narrowing down the instruction to particular subjects it may be possible to turn out specialised men in certain branches of Industrial and other types of Engineering such as Tube Technology, Radio Reception and Transmission, Electrical Machinery, Steam Power Plant, Architectural Engineering, Structural Engineering, Specialists in Soil Mechanics, Specialists in Dam Construction. Whether such specialists would have a field for employment in the various industries and in Government Departments will have to be examined after making a proper survey.

Status of the Institute:- The authorities require Government recognition. It is too early yet to go into the question of recognition by Government or by other appointing authorities. It is for the management of the institute to work the institute for some time and show that the students passing out of the institute have not only a general idea of Engineering but have also the specialised knowledge in the various branches. The recognition will therefore depend on the quality of the students turned out from the institution which will come as a matter of course if the institute functions well. It is also not clear whether the institute will be a Higher Poly-technic or in a par with other Engineering Colleges in the Presidency. As the institution is taking B.Sc candidates it is most desirable that even at the outset, the management gets a definite ruling from the University as to whether the course may be considered as a Post-graduate course or whether the students after completing the course can sit for a definite University Examination. The public who will seek admission to this institute must be assured in some form or other of what would be the future academic or professional status of the candidates turned out from this institute. From what one can gather from previous correspondence it would appear as if the institute is a slightly higher type of Polytechnic than what is conducted under the Madras Government. While such an institution might fulfil certain immediate needs it would not be an improvement of the existing facilities now offered. The institute must either be a place where candidates can get a Post-graduate Diploma or can qualify for a Technical Degree of the University of Madras or it must be of a standard equivalent to that of a Higher Institute of Technology. The authorities may therefore be asked to come to a definite decision in this matter.

Financial assistance: The institute requires from Government an immediate grant of Rs.10 lakhs. The institute has also spent Rs.5 lakhs or more in the acquisition of lands and other properties. A distribution of the 10 lakhs to the various laboratories is also furnished in the letter. The amount provided seem to be totally inadequate if the institute is to train candidates to the standards expected in a Higher Institute of Technology or even to a University standard. It is estimated that an Engineering College training 100 students in each year for a period of four years, would require Buildings to the value of Rs.45 lakhs and equipment to the extent of Rs.45 lakhs. It is not known how this institute would be able to secure all the equipment and provide necessary accommodation with such a mall amount. The authorities may therefore be asked to work out further details and arrive at a correct estimate of the requirements when the institute more or less functions on a full basis. The detailed estimate should cover recurring and non-recurring expenses, for a period of five years. Further requirements for another five years should also be indicated. The detailed estimate must be based on the number of students for each course and the proposed courses for the first five years and additional courses for the remaining five years.

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The question of giving financial assistance can only be considered when more details are available as pointed out in the previous paragraph. If the institute trains candidates for a Post-graduate course or a University degree it would be for the Education Department to look into this matter. If, however, the institute is a Higher Institute of Technology it would be necessary for the Industries and Development Department to examine this question. It is, however considered that any grant if given to this institute should not be from the Provincial Exchequer but from the grant given by the Central Government for the post-war reconstruction schemes. A sum of 10 lakhs though only a part of the total amount set apart for the post-war schemes is still a very large amount considering the immediate and pressing needs of the Presidency. A very careful examination of the needs of the institute as specified in the detailed estimate referred to above is necessary before the Government can come to a decision in this matter. The opening of an institute of this type by an agency apart from the Government certainly deserves encouragement. But the Government must be assured that the grant so given is spent usefully and on the right lines. The management of the institute must therefore have a clear-cut policy and programme about what they are going to do and assure the Government about the success of the institute and the benefits that the public can derive from the same.

The authorities of the institute state that they propose to train certain type of specialists in engineering who were not turned out in any other institute in this Presidency. The institute would be more or less on the model of the American Institute of Technology. Reading between the lines one is inclined to think that the institute is only going to turn out engineers of the same standard that have been turned out from the Engineering Colleges in this Presidency for so many years. If this is accepted the institute wouldbecome a place where some opportunities will be given to these students whohave failed to secure admission in the various colleges in the Presidency. As the minimum qualification for admission is B.Sc, it is presumed that the students who fail to secure admission in the Engineering Colleges by not scoring high marks in the Intermediate would continue for their B.Sc course and try to get a place in this institute. If the institute establishes a good reputation there would be a great rush for admission to this institute. If the Government ultimately decides to give a grant of 10 lakhs, and more in succeding years it will be necessary for the Government to decide the policy and programme of those admitted into this Institution, even now before the grant is made. If a decision is not arrived at, it may be difficult for the Government to impose conditions later on when the institute may claim to be a private institution like other institutions in this Presidency.

Other assistance:- The institute requires assistance in many other respects, items 1,2,4,5 and 6. Assistance can be given in the matter of all items except 5, supply of timber from Government depots at concession rates. It is not known how timber can be supplied to this institute alone at concession rates even when Government institutions do not get such facilities. The same rate that apply for Government institutions may also be extended to this institute. Facilities for the acquisition of lands, assignment of revenue perumbokes allotment of priorities for the supply of steel, cement etc., may be extended to this institute, if it is feasible for the Government.

Conclusion:- In conclusion, it is once again emphasised that before the Government come to a decision about giving a grant of 10 lakhs to this institute, the definite courses of study and syllabus of the institute may be asked to be submitted to the Government. A detailed estimate of the requirements of the institute covering the courses of study and the number of students admitted to the course for a period of five years and a general estimate for a further period of another five years may also be submitted to the Government. The Government can come to a conclusion about the grant only after the scrutiny of the above two details. It is also desirable that the broad policy and programme of admission of students to the institute should be examined by the Government if the Government is going to give assistance in various forms to the institution. Finally, even if the Government contemplate a grant for this institute it is suggested that it should be part of the post-war reconstruction scheme of this Presidency.

Paul
9/7/49
PRINCIPAL.

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Recd [illegible] 69

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Madras Institute of Technology

TELEGRAMS : "MIT"
TELEPHONE :

CHROMEPET P. O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

REF. 2736

13th October, 1949.

ASST. SECRETARY TO GOVERNMENT
15 OCT 1949
EDUCATION AND PUBLIC HEALTH DEPT.

To

J.M. Lobo Prabhu Esq.,
Secretary,
Education & Public Health Department,
Government of Madras,
Fort St. George.

35

80029

Sir,

Anent my interview with you this forenoon and the detailed discussion I had regarding the financial position of our Institute, I am obliged to request you to take immediate and urgent action in the matter as personally requested. The help that we need at present under capital expenditure is immediate, as will be seen from the copy of the printed report enclosed herewith. As already represented to you, we have been banking on the support of the Local Government and the Central Government. It is only on this assurance that the Institute was started. I dare say you will appreciate that public donations could be raised more liberally and successfully only after first obtaining Government grant. I am certain that after receiving the five lakhs grant from the Local Government, a like amount could be got from the Central Government, regarding which as I told you the Premier and other Ministers of the Government of India, promised the support of the Government of India. For the second year course to start from July, 1950, the work on the concerned laboratories (together with full equipment) has to be done forthwith and completed at least by June, 1950. Even for the current first year course, we are entirely depending on your grant to complete the Physics and Chemistry Laboratories which are in progress and to meet the cost of machinery for the workshops, indented for from the Disposals Department. As you will kindly see from the printed report we have been depending on the Laboratories of Madras Christian College for the work of our students for Physics and Chemistry (Practical). Our own laboratories are in progress. Furniture has been ordered and equipment ready to be ordered, and before these orders are complied with, funds have to be kept available. I wish to submit that all the above work will get stopped if we do not get the grant of 5 lakhs from the Local Government immediately. If the Local Government grants the 5 lakhs prayed for and reports the effect to Government of India, the Central Government, I am sure will readily give their grant of a like amount forthwith. If we get the 10 lakhs from the Local and the Central Governments, I could easily raise another 3 to 4 lakhs by donations. This would enable us to push through the work and get enough of laboratory equipment to carry on with the second year course. I wish to repeat again that our present need is most urgent and I may even say that this is an S.O.S. appeal from me to the Local Government. If we do not get this timely help which we have been expecting for the past 9 months, the work in the Institute may get paralysed. I am sure the Local Government will realise our immediate need and save the Institute. Very immediate action is earnestly solicited.

Yours faithfully,

C. Rajam

Member,
Council of Management.

KR.

104148

Madras Institute of Technology

IN THE SERVICE OF INDIA

TELEGRAMS: "MIT"
TELEPHONE:

CHROMEPET P.O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

Special

SECRETARY TO GOVERNMENT
23 OCT 49
DEVELOPMENT DEPARTMENT

SECRETARY TO GOVERNMENT
22 OCT 1949
DEVELOPMENT DEPARTMENT

36

REF. 2772

18th October, 1949

Dear Sri Perumalsami Reddiar,

Enc. 1 Report
1 Copy of letter
2

p 69 ante

I have been long waiting for the sanction from the Local Government, of the grant which was applied for under capital account for the development of this Institute. As we are in urgent need of funds and in a rather critical position now, and I am very anxious about the work in the Institute, I was obliged to call on the Secretary to Government (Education) two days back and had a discussion with him, enquiring what has happened to our application for the grant. I discussed the matter in detail with the Secretary, and I enclose herewith a copy of the letter I have sent to the Secretary with a copy of the printed report on the work of the Institute up to 15th September 1949. You will kindly see from the report that we are badly and urgently in need of funds for proceeding further with our capital works. For completing the Physics and Chemistry Laboratories, which are necessary even for the first year students, we require a sum of Rs.2.85 lakhs. Please see page 15 of the report enclosed. As reported by me to the Secretary, orders for the laboratory equipment are ready for issue but could not be placed for want of funds under capital account. The buildings for the laboratories have been completed and the laboratory furniture have been ordered; if the full equipment be got, this section will be completed in all respects for the Institute. The position for the Workshops is also likewise. As mentioned in the report, the bare minimum required for the Physics and Chemistry laboratories and the Workshops is about Rs.5 lakhs and these sections are to be completed immediately.

The Instrument Technology and the Electronics laboratory buildings are nearing completion and the lay-out and details of equipment are getting ready as advised by the Members of the Board of Studies for the particular subjects. Unless this equipment be also ordered even now, it may not be possible to get these laboratories ready for functioning from July 1950 for the second year special course. These items cost Rs.10 lakhs. As I have explained already, I need not stress the immediate necessity for capital grant to be given by the Local and the Central Governments.

I implore you to kindly give this matter your immediate attention and arrange to give us the grant without any further delay, enabling the Institute to function without interruption. In the interests of the students and the country in general, I appeal to you again to give us this timely help.

I understand that the papers from the Education Department have gone to yours (to the Secretary, Development Department), and if you can kindly talk to your Secretary immediately and shape matters to have a favourable turn, I shall be very grateful.

I am obliged to reiterate that our Institute was started under the inspiration of Sri C. Rajagopalachari. I request you to see our letter to the Secretary, Development Department, dated 4th December 1948 (copy enclosed).

pages 77-83 infra

-2-

37

You will see from the printed report attached that the total amount donated so far is nearly Rs.7 lakhs. Though the total further requirements of the Institute for the full three years course would be about Rs.45 lakhs, I may say that with the Rs.10 lakhs contribution assured (Rs.5 lakhs from the Local Government and Rs.5 lakhs from the Central Government), I could raise further donations forthwith, and enough of capital works and minimum equipment could be had enabling us to continue the second year special course from July 1950 for the present first year students. I do not require any substantial help in the shape of recurring grant; the main difficulty is lack of funds for capital works.

A

It appears that the Director of Public Instruction has suggested that the management of the Institute and its expenditure should be rigidly controlled by Government if any grant is to be given. Such insistence in this case may not appear to be necessary. There are instances of Government grant given to aided institutions without exercising any such control. Such grant is always given in cases where the spending authorities are considered as reliable and working in public interest. The Thakkar Baba Vidyalaya is one instance. The Salvation Army Hospital at Nidubrolu, Guntur District, is another instance. Such a grant is given on the mere certificate and estimates of the P.W.D. Executive Engineer that the capital works constructed are worth the cost to justify the award of half cost by Government. The P.W.D. Engineer has no control over the construction or the running of such institutions, and any condition as now suggested by the Director of Public Instruction was never raised in such cases where half grant was given by Government. The Secretary, Education Department and the Director of Public Instruction suggested the names of certain Officers of Government to exercise some control over this Institute. Such control would appear to be quite unnecessary. The Hon'ble Minister for Public Works is already a Member of the Council of Management of this Institute. If further control and technical advice be considered necessary, the Chief Engineer to Government(Electricity), may be nominated as an ex-officio Member in the Council of Management.

p 2 7 (L)

As the immediate need for funds to progress with capital works is very urgent, I request you to arrange for the award of the grant immediately, and such award may precede any control proposed to be exercised over the Institute by the Government. Further, it would take some time for us to get the contribution from the Central Government and this can be got only after the Local Government awards the first Rs.5 lakhs. If this award is now delayed, the working of the Institute for the second year from July 1950 is sure to get paralysed, even if the Rs.10 lakhs be given some time later and not now. I would therefore request you to consider our immediate necessity and allot the grant with such restrictions as may be necessary, but the award of the grant should not be delayed.

It appears that the Director of Public Instruction has also suggested that the policy recognised hitherto in the administration of educational institutions should be followed in this Institute also. This Institute is only an aided institution, and

75

38

the grant we need is only for capital works. This is not a Government-owned institution. It will not therefore be necessary to insist on such a policy being followed in aided institutions. Regarding communal representation for the admission suggested by the Director of Public Instruction, I am sure the present Premier and your goodself are both against communal representation. Your views and that of the Premier's on this subject have also been announced publicly. The Government of India's views on this matter are also widely known. I am also approaching the Government of India for further financial aid. I am sure you will not insist on the policy of communal representation being followed in the matter of admission of students in this Institute as we are taking students from all over India and only on merit.

The Institute has been visited by the ~~following~~ people holding eminent positions in Government or among the public. News has also appeared in the Press in this Province and also in other Provinces about this Institute. Special attention is invited to the promise or assurance made by the Hon'ble Dr. Shyamaprasad Mookerjee on the 29th April 1949 promising help and co-operation for the successful development of this Institute. Attention is also invited to the letter of the Hon'ble Pandit Jawaharlal Nehru, Prime Minister of India. The sponsors of the Institute also intend to approach the Government of India for further assistance. Even if under the present circumstances any support or assistance they may get from the Centre may not be very substantial, still it is probable that some help could be expected by this Institute from the Centre also after the Local Government takes the lead in the matter. In view of such published opinions of Members of Government, it would appear that the appeal of the sponsors of the Institute for some help may deserve special consideration. The difficulties raised by the Director of Public Instruction are not major, and any suitable control over the expenditure can be exercised if it is considered necessary.

pp 61, 15, 25 & 31 ante

Knowing as you do the views held by Sri C. Rajagopalachari in trying to help this Institute, the contents of the letter from Pandit Nehru to the Madras Premier and the published opinion of Dr. Shyamprasad Mookerjee assuring help and aid to this Institute, you may kindly send for the papers immediately and give necessary directions to your Secretary, and kindly arrange for the very early allotment of the grant required by us. If there be need for red-tape formalities to be followed, the award of the grant may precede the observance of any such formalities, as there is no use sending us Pennicilin after the patient croaks. If we are not able to start the capital works immediately, the second year course from July 1950 cannot start, and the Institute will practically become dead. I am sure you will not allow such a thing to happen in your regime.

832853

ASST. SECRETARY TO GOVERNMENT ❖ EDUCATION & PUBLIC HEALTH DEPT.
7 OCT 1949

Developt. D.I

E&P.H. No.

They may be requested to circulate the main file to HM(Edn) also with ref to his minute at 'A' on p. 1 ante

(The file has been transferred to E&PH for necy action)

Yours sincerely

C. Rajam

(C. Rajam.)

Developt No. 94148-D.I/49-1 26-10-49

6 / 26/10/49

One / 26.10.49

E&PH

The Hon'ble ~~C.~~ Perumalsami Reddiar,
Madras.

76

77

MADRAS INSTITUTE OF TECHNOLOGY.

The Secretary,
Development Department,
GOVERNMENT OF MADRAS.

4th December, 1948.

39 Same as [illegible]
513 [illegible]

Dear Sir,

In our interview with you on Thursday last you desired us to give you a complete picture of the Madras Institute of Technology, its scope and purpose, the progress so far achieved and the manner and measure of help that is expected from Government to further the objects of the Institute. The Madras Institute of Technology owed its inspiration to the wholesome advice given by Sri C. Rajagopalachari three years back to give an industrial bias to educational institutions that may come into existence in future. The idea took form and shape when the Chromepet property on which Bellman Hangars had been erected during war time was offered for sale. Mr. C. Rajam set apart 5 lakhs of rupees out of his earnings for an endowment to the Institute and proceeded not merely to buy up the property but also to bid for the superstructures in the property when they were put up for auction by the Defence Department of the Government of India. Thanks to the good offices of Sri C. Rajagopalachari when he was Industries and Supplies Member of the Government of India and Sardar Baldev Singh, the Defence Minister the superstructures were acquired and an arrangement was entered into with the Madras Government whereby both the land as well as the superstructures were divided between the Government and the Institute to mutual advantage.

At the moment the Institute possesses about 30 acres of land on which there are sufficient superstructures which with remodelling and reconditioning will provide ample accommodation for the Institute and its courses of study. There are now 8 lecture halls 20/30 ft., 2 laboratories 20/39 ft., 6 lecturers' rooms 10/20 ft., and two Office Rooms 10/20 ft., more or less ready and available for immediate use. There is hostel accommodation consisting of 36 rooms each 10 [illegible] to accommodate 108 students besides accommodation for hostel stores and office, kitchen and dining room. Residences for a a principal, four professors and 8 lecturers are now in process of conversion. Ample water supply has been laid out and the place is fitted up with electricity also. Two workshop sheds each measuring 30,000 sq. ft. complete with railway siding await remodelling. Applications for acquisition of adjoining land and assignment of revenue poramboke abutting the land are now pending before the Government of Madras. If these are secured the total acreage under the control of the Institute would be well over 60 acres and therefore cover its present and potential requirements.

The Institute has assumed form and shape with the endowment made by Mr. C. Rajam. It has been registered as a charitable Institution under the Societies' Registration Act and its present Council of Management consists of Messrs. C. Rajam, K. Srinivasan, C.R. Srinivasan, L. Venkatakrishna Iyer, M. Subbaraya Aiyar, C.R. Ramaswami. It is the intention of the Institute to seek public benefactions and good support is confidently expected. Copy of an appeal signed by prominent men in public life is enclosed to give point to our expectation. But before going to the public in earnest for the collection of funds it is the desire of the Institute to get it functioning as early as possible with a view to inspire confidence and ensure adequate support. In this context anx application from the Institute is pending with the Government for recognition of contributions to the Institute as exempted from Incom tax. The Premier of Madras was also interviewed for the purpose by Sri T.R. Venkatarama Sastri and we have been assured sympathetic consideration but orders are still awaited.

In order to enable the Institute to start working we have approached the Government of India both for non-recurring and recurring grants and applied also for allotment of machine tools and precision instruments from the Department of Disposals. We have every reason to believe that the Government of India is fully interested in the development of the Institute and we look to the Madras Government to evince like interest. We want a grant of 10 lakhs for equipment relating to the various

various sections we propose to open up. We have detailed below the courses we contemplate and the budget for each section and it will be readily recognised that these courses provide not merely a practical approach but also assurance of employment for the students trained in the expanding economy of the country.

The immediate requirements for equipment would cost approximately,

Chemistry:	1.00 lakhs
Physics	1.00 lakhs
Gas Plant	0.15 lakhs
Geology	0.35 lakhs
General Workshops	1.50 lakhs
Precision tools and Instrument Technology	1.50 lakhs
Strength of materials	1.00 lakhs
Mech. Eng. Lab.	1.00 lakhs
Elect. Eng. Lab.	1.00 lakhs
Electronic Lab.	1.50 lakhs
Furniture	1.00 lakhs
Library equipment & books	1.00 lakhs
	12.00 lakhs

41

N.B. This does not include provision for Automobile Engineering, Aeronautical Engineering, but most of the work in the first year will comprise work in laboratories mentioned above.

We have already asked for the supply of Machine
Tools, the 7 items already referred to and a
further 5 items with 13 items of small tools
applied for from the Disposals, free of cost.
We now pray that we may be given a grant of ten
lakhs of rupees for the present, to cover initial equipment. The donations as and when collected will form the nucleus for working costs etc..

If the Madras Government generously come forward to extend help to the Institute it would have helped to create an Institute in the province which can stand comparison with any similar institution in the country and in course of time with any institution in the world. In conclusion we summarise our requirements for the issue of favourable orders.

1. Acquisition of land adjoining the property of the Institute.

   In our letter dated 25-8-47 copy sent to the Revenue Department, we asked for the acquisition on behalf of the Institute, the following areas:

   Hasanapuram Village:

   Paimash No. 229--1 acre odd
   226/4-0.50 cents.
   226/3- 44 "
   230/2-2.50 acres.

   Zamin Pallavaram
   Village S.No.438-8.00 acres.

The Collector of Chingleput was also addressed and copy sent to Revenue and P.W. Departments of Government on 25-8-47.

Secretary to Government was again reminded on 1-3-48.

Collector of Chingleput enquired in his letter No.6619/48 Kc. dated 10-7-48 if the lands were still required. The requirement was confirmed on 15-7-48.

2. Assignment of revenue poromboke abutting the property of the Institute.

We also addressed the Government in the Revenue Department to transfer to us S.No.437 a revenue poromboke.

3. Formal recognition of the Institute by the Government.

4. Allotment of priorities for the supply of steel materials and cement for the building operations of the Institute.

Malabar or Godavari Teak in logs	100 tons.
Steel: M.S. Bars ¼" Dr.	10 tons.
3/8" Dr.	15 tons.
1/2" Dr.	20 tons.

Portland Cement: @ 300 tons a month: 1,500 tons.

Pipes for water supply and labs: ½" Dr.	3000 ft.
¾" Dr.	2000 ft.
1" Dr.	2000 ft.
1½" Dr.	1000 ft.
2" Dr.	2000 ft.
3" Dr.	650 ft.

5. Supply of timber from Government Depots at concession rates.

6. Exemption of contributions to the Institute from Incometax.

7. Award of Government grant to the extent of 10 lakhs.

Yours faithfully,

Sd- L.Venkatakrishnan,
Member of Council.

The Secretary,
Development Department,
GOVERNMENT OF MADRAS.

EA 43 ~~85~~ 15

E & P.H.(G2)

C.No. 8335/49

Please see the letter from Sri Chagan on pp. ~~1-5~~ 71-75 ante and the Devt. Deptt. note on p. ~~5~~ 75 ante. The main file on the subject, which was sent to Devt/Fin, it is understood, is now in Finance. This may be sent to ~~[illegible]~~ Fin who may see this letter also.

[illegible] 29/10/49

29.10.49.

31-10-49

S. [illegible] Fin

Finance (Expr. A)

The main file which is linked also has been noted on separately on the merits of the ca

No remarks are called for on this file.

3.11.49

A.S. [illegible] 31/10/49 E.B.I

Case no. 7870 G2/49-9 Edn.

ASSISTANT SECRETARY TO GOVERNMENT
73480
1 - NOV 1949
FINANCE DEPARTMENT

Fin. No. 73480 Exp. A-1 3.11.49

1/11

E & P.H. (G2)

Case no. 8335 G2/49-1 Edn. 1/11/49

44 87

E.& P.H.(G.2)

D.O.No.7870 Gr/49-10 Edn., dated 14/11/49

Dear Mr.Reddi,

Sub:- Grant - Madras Institute of Technology.

Ref:- Your ~~official~~ letter No.R.C.656-D2/48 d./- 5.9.49

PP61-62 cf

—do—

I am desired to invite a reference to your letter cited above and to state that the management of the Madras Institute of Technology have again made representations for an urgent grant for the upkeep of the institution. The Hon'ble the Minister for Finance would like to discuss with you details relating to the scheme for the Madras Institute of Technology. I ~~would~~ am to request you to make it convenient to meet him for the purpose on any day which will be suitable to you and to the Honourable the Minister. ~~I am to ask that the date of the discussion may be intimated~~ A copy of the latest report received from the management is enclosed.

P34 ny

~~to~~

-2-

8?

~~to theHonourable the Hon'ble Miniister Minister at an early~~
~~date.~~

Yours sincerely,

VBS
12/11

12.11.49.

12-11-49

12/11

To

Ad W.E.
14.11.49

Sri D.S.Reddi,
M.A.(Oxon)
D.P.I. (with encl)

89

1

Madras Institute of Technology

TELEGRAMS: "MIT"
TELEPHONE:

CHROMEPET P.O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

SECRETARY TO GOVERNMENT
Dev. 106645 (A) - D. 7/49
28 OCT 1949
DEVELOPMENT DEPARTMENT

REF. 2836.

27th October, 1949

Pl. Put up papers A & B

Dear Mr. Viswanathan,

I have to confirm my personal interview with you today regarding the subject of Government grant for the Madras Institute of Technology, Chromepet, prayed for by the Council of Management in their letter dated 4th December, 1948. On this particular subject, which is now very urgent, I with the Principal, Mr. M.K. Ranganathan, interviewed the Secretary, Education Department on the 15th inst., and we had a fairly long discussion over the matter. A copy of my letter to the Education Secretary is also enclosed herewith for your ready reference. We were made to understand that the papers were being sent to your Department by the Education Secretary. I am now informed that the papers had left the Education Dept long ago.

45

p. 3 below

As getting this Grant from the Governmentis most urgent and as our present position on the capital side is now very critical, I have to urge for immediate orders of Government. I have to state that if we do not get the grant in time and that too immediately, the working of the Institute will be very seriously affected; in fact, it will have to stop functioning. Unless the capital works are started forthwith, there will be no equipment or laboratories for the second year course, i.e. in July 1950.

Even if the Government be gracious enough to give the same grant that we have been pressing for some time later, it will be no good to us as the works cannot be completed in time for the Institute to function from July 1950. All capital works have been stopped at present, and these can be taken up only after the allotment of the grant by the Government. This matter has been explained to you in person, and I request you to send for the papers and take immediate action, ~~ixxxxx~~ and thereby render timely help to the Institute.

Yours sincerely,

C. Rajam

Sri P.S. Viswanatha Iyer, I.C.S.,
Secretary to Government,
Development Department,
Fort St. George,
Madras.

Madras Institute of Technology

TELEGRAMS : "MIT"
TELEPHONE :

CHROMEPET P. O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

REF. 2736

13th October, 1949.

To

J.M. Lobo Prabhu Esq.,
Secretary,
Education & Public Health Department,
Government of Madras,
Fort St. George.

46

Sir,

Anent my interview with you this forenoon and the detailed discussion I had regarding the financial position of our Institute, I am obliged to request you to take immediate and urgent action in the matter as personally requested. The help that we need at present under capital expenditure is immediate, as will be seen from the copy of the printed report enclosed herewith. As already represented to you, we have been banking on the support of the Local Government and the Central Government. It is only on this assurance that the Institute was started. I dare say you will appreciate that public donations could be raised more liberally and successfully only after first obtaining Government grant. I am certain that after receiving the five lakhs grant from the Local Government, a like amount could be got from the Central Government, regarding which as I told you the Premier and other Ministers of the Government of India, promised the support of the Government of India. For the second year course to start from July, 1950, the work on the concerned laboratories (together with full equipment) has to be done forthwith and completed at least by June, 1950. Even for the current first year course, we are entirely depending on your grant to complete the Physics and Chemistry Laboratories which are in progress and to meet the cost of machinery for the workshops, indented for from the Disposals Department. As you will kindly see from the printed report we have been depending on the Laboratories of Madras Christian College for the work of our students for Physics and Chemistry (Practical). Our own laboratories are in progress. Furniture has been ordered and equipment ready to be ordered, and before these orders are complied with, funds have to be kept available. I wish to submit that all the above work will get stopped if we do not get the grant of 5 lakhs from the Local Government immediately. If the Local Government grants the 5 lakhs prayed for and reports the effect to Government of India, the Central Government, I am sure will readily give their grant of a like amount forthwith. If we get the 10 lakhs from the Local and the Central Government, I could easily raise another 3 to 4 lakhs by donations. This would enable us to push through the work and get enough of laboratory equipment to carry on with the second year course. I wish to repeat again that our present need is most urgent and I may even say that this is an S.O.S. appeal from me to the Local Government. If we do not get this timely help which we have been expecting for the past 9 months, the work in the Institute may get paralysed. I am sure the Local Government will realise our immediate need and save the Institute. Very immediate action is earnestly solicited.

Yours faithfully,

Member,
Council of Management.

KR.

~~EA~~ 93 Dev. D.I

C.No 106045-(A)D.I/49 Sub:- Madras Institute of Technology - Grant.

Ref:- From Sri C. Rajam, Madras Institute of Technology, letter dated 27-10-49.

Extract of the Secretary's orders at 'A' on p 1 cf.

M | P.C. putup papers.
P.S.V.
27-10-49

With reference to ~~the~~ Secretary's orders extracted at 'M' above, it is submitted that the question of grant to Madras Institute of Technology is being dealt with in the E & P.H. Dept, as this is a Collegiate institution (not an Industrial Institute controlled by the Industries Dept) to be affiliated to the University of Madras - The file was sent by the E.P.H to this Dept recently for remarks (vide 'B' on p.1 cf) on the question of meeting the expenditure on the grant to the Institute from the block grant (of the Govt of India) and the file was passed on to Finance on 26-10-49. (C No/102583 DI/49 sent to Fin) For orders whether this will also be sent to Finance with a request to deal with the file as expeditiously as possible in view of the reasons stated on p 3 CF.

ASST. SECRETARY TO GOVERNMENT
10 NOV 1949
EDUCATION AND PUBLIC HEALTH DEPT.

Is
9/11/49

29.10.49.

29/10/49

Fin.

3.11.49

Developt no.
No/106045-(A)D I/49-1
3-11-49

87431

Finance

ASSISTANT SECRETARY TO GOVERNMENT
NOV 1949
FINANCE DEPARTMENT

74154 EA

Fin (EA)

The file referred to by Dept. above was passed on to E.P.H with Fin no 738408A-1 d 3.11.49. This may be passed on to E.P.H in continuation.

8.11.49 EPH

Fin no 74154 EA-1
8.11.49

7.11.49 7.11.49.

E&PH (G2)

Please see the Dept. and Finance Depts notes on p1 ante. The main file relating to the ~~sanctioning~~ grant for the Madras Institute of Technology has been circulated to HM (Edn & Law), HM (Fin), ~~HM (Pub)~~, HM (PW), HM (Ind) and HM. This may be added to that file on its return from circulation.

10/11/49

10/11/49

11/11/49

~~Secy Dept.~~ HM E&H.
MB 9.11

Madras Institute of Technology

TELEGRAMS: "MIT"
TELEPHONE:

CHROMEPET P.O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

REF. 2941

8th November, 1949.

1949

11 NOV 1949

12 NOV 1949

8216

E&PH

10/11

48

The Hon'ble Sri M. Bhaktavatsalam,
Minister for Public Works,
Fort St. George,
Madras.

Dear Sir,

Enclosed is the printed report of the work done in this Institute up to 30-9-1949, containing the statement of account of receipts and expenditure audited by Messrs. Fraser & Ross.

2. You are well aware that this Institution was sponsored to meet an observed need for a variety of courses in special subjects in Engineering Technology which are not had in the existing Institutions in India. The Government of India had been sending Indian students abroad with State Scholarships to undergo training in such subjects at state expense running into crores of rupees.

3. To attain high standards and keep abreast of the times, Graduates alone are admitted in this Institute. We had a talk over these courses with the Vice-Chancellor of the University of Madras who observed that they are essential modern courses which must be started, and that after this Institution starts and works at the courses, the University will introduce them in their regulations and affiliate this Institute. He has further helped us in permitting the use of the Madras Christian College Physics and Chemistry Laboratories for the students of this Institute.

4. From the inception, the sponsors stressed on their starting the Institution by voluntary action, only to speed up the working of such courses. They took advantage of the land, building and hangars in a locality highly suited from the points of view of health, nearness to and sufficient aloofness from the City. Nearby there is also the atmosphere of other Engineering Colleges at Guindy and Adyar. The Institute is fortunate in having secured the goodwill and co-operation of eminent Engineers like Messrs. L. Venkatakrishna Aiyar and M.K. Ranganathan, both of whom have had both academical and teaching experience. Their practical experience, as they scaled the height open to them in their official career, has equipped them with outstanding capacity to apply theories into practice. They are tackling the work with singular energy and enthusiasm.

5. Simultaneously with their initial efforts, the sponsor emphasised the need for Government aid for capital expenditure for the equipment in the workshops and laboratories. Hence they contacted the Government of India and the Local Government

97

Continuation
Sheet No. 2.

even at the starting of this enterprise, and obtained heartening assurances of sympathy and support from the Governor General of India, the Prime Minister of India, the Premier of Madras and other Ministers of the Central and the Provincial Governments.

6. The Government of India recognising the need for fruitful co-operation in dynamic forms between the Government and institutions promoted by private philanthropy, granted exemption from Income-tax on the donations to this Institute under Section 15-B of the Indian Income-tax Act, by way of first aid besides assuring that State aid by way of money grant would also follow.

49

7. The advanced special courses are to be started in the second year (July 1950). Syllabuses for these courses are being designed after careful study, observing logical order in the arrangement of individual subjects and welding them into a coherent scheme in consultation with specialists in this and other countries who are handling the particular subjects. The object is to save time by linking various items obviously correlative in several subjects and to get them taught in the same year or simultaneously. Subjects of no importance in their later career in life are subordinated, and more hours are devoted to things essential to know. Text books in many cases do not observe the logical order; and here we are supplementing them.

8. The donors to the Institute as well as its Council of Management have been imbued with the sole desire to get the Institution going, in the confident hope that against the background not merely of promise but also achievement, public support and private sympathy will serve and strengthen the Institution. We await Government support in concrete form to make a fresh drive among the public.

9. In the present financial stringency, presumably low level grants alone are possible, but it is imperative in public interests that such grants should be given by the Government without undue delay and rigid formalities. A gift in time is virtually a double gift; and it will provide a stimulus for private resources to flow in increasing measure and enable also charitable endowments to turn to new channels of service.

10. We had asked in our representation dated 4-12-1948 for a grant of Rs.10 lakhs either from Provincial or Central funds or jointly by both, and have been working on the basis that this would be forthcoming - may be in instalments and in the way of equipment but available during this year, and we request that this may be made available now, at least in part.

Yours faithfully,

C. Rajam

(C. Rajam.)
MEMBER,
COUNCIL OF MANAGEMENT.

E&P (G2)

C. May be added to main file

Encl: Report. 12/11/49

12/11/49

~~99 1/2~~

No. D/s. 11012

PRIME MINISTER'S SECRETARIAT
NEW DELHI
13th December, 1949.

SECRETARY TO GOVERNMENT
Dev. 12133 7(A) D.I
15 DEC 1949
DEVELOPMENT DEPARTMENT

ASST. SECRETARY TO GOVERNMENT
19 DEC 1949
99203
EDUCATION

50

My dear Premier,

Would you kindly refer to your letter dated the 29th April, 1949, regarding the Madras Institute of Technology?

in E.P.H. file

P31 ante

A deputation from the Council of Management of this Institute saw the Prime Minister this morning. He was greatly impressed by the progress so far made by this Institute and was especially attracted by the enthusiasm and the spirit of self-help shown by the people who are managing this Institute. He thinks this is deserving of every support. He has asked me to write to you again to commend the Institute to you for such assistance as the Madras Government can give it. The deputationists represented that they were in immediate need of a sum of rupees ten lakhs. In your last letter you said that a decision on the question of a grant to this institute would be taken as soon as the report of the Director of Public Instruction was received. I shall be grateful if you would kindly let me know, for the Prime Minister's information, what has been found possible to do.

Dev secy.
Please may this be expedited as I have to reply to this letter
V
15-12

V. 4

B
15 [illegible]

Develop Dept. D.I

Kind regards.

Yours sincerely,

A.V.Pai

(A.V.Pai).

E.P.H. Eno.

15/12/49

16.12.49

E.P.H. [illegible]
16.12.49

The Hon'ble
Shri P.S.Kumaraswami Raja,
Premier of Madras,

Develop. No. No.
12337-(A)-D.I/49
16-12-49

98

100)

10

E.& P.H.(G.2)

D.O.No. 7870 G2/49-8 Edn.,dated 10-1-50.

51

Dear ~~Mr~~.Pai,

Sub:- Grant - Madras Institute of Technology.

Ref:- Your D.O. to H.Pr. No.D/s 21012 dated 13.12.49.

999 g

I am to state that the proposal to give a ~~proper~~ grant to the Madras Institute of Technology is under the active consideration of this Govt., and that as soon as ~~the final~~ a decision is arrived at in the matter, a further communication will be sent to you - ~~report will be sent to the Govt.of India~~.

Yours sincerely,

To
A.V.Pai Esq.,I.C.S.
Principal Private
Secretary,
Prime Minister's Secretariat,
New Delhi.

VRS 7/1/50.

9.1.50

9-1-50

9/1

Dpd
10.1.50

102

103

PRIME MINISTER'S SECRETARIAT, INDIA

No. 40(44)/48-PMS

New Delhi, the 6th January 1950.

ASST. SECRETARY TO GOVERNMENT
12 JAN 1950
EDUCATION AND PUBLIC HEALTH DEPT.

E.P.H

52

Dear Sir,

2851
P99 ante

I am directed to invite a reference to Mr. Pai's letter to H.Pm, No. D/S/ 11012, dated the 13th December 1949, regarding the Madras Institute of Technology, and to enquire when a reply may be expected.

Yours truly,

S.P. Khanna
for (K.Ramakrishnan)
Asst.Private Secy.

HON'BLE THE PREMIER
11 JAN 1950
GOVERNMENT OF MADRAS

The Private Secy.to
the Hon'ble
the Premier of Madras,
MADRAS.

Reply sent on
15/1/50 -
vide Do mp. 101 ante

104

V/2

105

62

ASST. SECRETARY TO GOVERNMENT
12 JAN 1950
EDUCATION AND PUBLIC HEALTH DEPT.

No.F.23-96/49-T2.
Government of India.
Ministry of Education.

New Delhi: the 11th January, 1950.

From

Secretary to the Government of India,
Ministry of Education.

To

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

2858

Sub:- Madras Institute of Technology- Request for financial assistance.

53

Sir,

P11 of (V)

I am directed to refer to correspondence (Dev) resting with your letter No. 40220 D1/48-3 dated the 28th July 1948, and to say that the Madras Institute of Technology has again made a request for financial assistance. I am therefore to request that the Government of India may kindly be informed whether the Institute has now attained a standard justifying financial support by Government and whether the Provincial Government have given any financial assistance to this institution or propose to do so in the near future.

Yours faithfully,

A.B. Chandiramani 10/1

(A.B. Chandiramani),
for Secretary,

106

107

EDN.& P.H.(G2).

NOTE FOR THE CABINET.

Sub: GRANT - Equipment - The Madras Institute of Technology.

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Spl

M [illegible] Copies [illegible] M [illegible] before [illegible] Spl. [illegible] Copies

25/1

A new institution called the Madras Institute of Technology has been started and is functioning in Chromepet near Madras under private management from July 1949, ~~by a group of private gentlemen~~ (with a view to training candidates both in advanced Science and Engineering in the same institution and producing engineer-scientists fully equipped with the theoretical and practical knowledge essential for initiating, organizing and developing any particular branch of Technology or Industry). The Institute is stated to have begun to function with Rs 6.29 lakhs of which a donation of Rs. 5 lakhs were from Sri C. Rajam. It was opened by H.Pr. on 18-7-49. It has been registered under the Societies Registration Act of 1860. The Council of Management consists of 10 distinguished persons including ~~includes~~ H.M.(P.W.). The declared objects of the Institute are:-

P3 cf

-do-

paras 5 and 11 of (L)

-do-

(L)

54

P3 cf

(i) to promote and advance higher education in Science, Technology and Industries;

(ii) to establish and maintain a research laboratory or laboratories in the Sciences and Industries;

K on p3 cf

(iii) to do or carry on business in the course of carrying out the primary purpose of the Institute and to get such work done by the beneficiaries of the Institute;

(iv) to award Scholarships to deserving students to undergo special training in the sciences and industries in or out of India; and

A

(v) to prepare and encourage the preparation of suitable treatises and text books in the sciences and in other technical subjects and to encourage visual education through films.

The sponsors of the Institute wish to have the institution modelled on the Institute of Technology, Massachusetts, U.S.A. Initially, courses in the following subjects are proposed to be offered by the institution:-

Lg. 7 p. 4 cf

(1) Electronics

(2) Instrument Technology

(PTO)

(3) Specialized Mechanical Engineering

(4) Production Technology for Heavy Electrical Machinery.

P4 c/f

~~It is proposed to take in~~ Students with B.Sc. qualifications, are admitted and they are given ~~and to give them~~ three years' intensive training in any one of the branches. ~~80~~ 90 students are stated to have been admitted to the Institute in the current year. The fee for each student is Rs. 250, for each term, for three terms in a year. Sri M.K. Ranganathan, retired Chief Engr., Govt. of Madras, is the Principal and the staff appointed consists of Lecturers and some visiting Professors. The management proposes to obtain the services of Professors from abroad in due course.

P on p4 c/f
P1 c/f (L)
P61 c/f
P of (L) Report
—do—
P.49 c/f

2. The Management of the Institute have secured 30 acres of lands with superstructures thereon for their purposes. They state they are in urgent need of Rs. 10 lakhs for the purchase of equipment and request a grant from Govt. It was originally thought that this scheme might be treated as a Post War Devt. scheme of this Govt. and that the grant asked for might be made, the G. of I. being addressed to bear half of the amount, leaving the Govt of India to pay what they like to this Institute. ~~The~~ H.M.'s also ~~considered~~ thought that the usual recurring grants which are given to Collegiate Institutions might be made to this Institute also. The D.P.I. whose remarks were invited on the request, has observed that this is the first case where a private body has decided to undertake a venture of this magnitude and that for that reason the management deserves special consideration and assistance. The Director has made the following comments on the Institute on the basis of a report from the Principal of the Engineering College, Guindy:-

P3 c/f + P5 c/f
P9 c/f
Minutes of H.M.(Edn.) on p8 n/f + notes on pp 14–18 n/f
Minutes of H.M.(Edn.) on p. 18 n/f
P62 c/f
PP63-67 c/f

(i) There is practically no laboratory equipment for the Institute;

P61 c/f

(ii) There are four retd. P.W.D. officers handling Engineering subjects, the other subjects being taken by junior members of the grade of Asst. Lecturers. Visiting lecturers have been appointed to teach Electronics and Theory of structures and no arrangements have been made for the teaching of Geology, though the subject is included in the syllabus;

P61 c/f

(PTO

(iii) It is not possible to make any specific recommendation regarding the extent of help to be given, the courses not having been recognised and no technical advice being available regarding their suitability and there being no comprehensive scheme giving details of the courses of study, the number and qualifications of the staff that will eventually be employed and the buildings and equipment that will be necessary;

P62 c/f

(iv) Before coming to a final decision, the Govt. might consult the University. In addition, a Committee consisting of experts in the five specialised courses proposed to be introduced namely, Electronics, Instrument Technology, Aeronautics, Automobile Engineering and Motion Picture Engineering may be constituted and their opinion obtained.

—do—

55

As there was no doubt as to the usefulness of the institution and as it was in very urgent need of funds, Secretary Edn. & P.H. suggested that a grant of Rs. 5 lakhs might be made by the Govt. to the Institute, subject to the following conditions;-

Secy's note on p. 26 n/f

(1) the institution should submit the syllabus to Govt. and to the University for recognition of the courses of study;

(2) the management of the Committee should contain a sufficient number of representatives of Govt., viz., the Minister for P.W. ~~or~~ and the Minister for Industries. Already H.M.(P.W.) is a member of the Council of Management. The Director of Industries, the D.P.I. and the Chief Engineer may be ex-officio members. This would assure that Govt. grant is spent according to ~~the~~ a proper policy of development.

(3) Subject to exceptions which may be necessary to attract donations, ~~the~~ the policy for admission to the Institution should conform to the general policy of Govt. in the matter of admissions.

3. Devt.(P.& D.) and Fin. observe that it is not worthwhile pursuing the question of ~~grants~~ treating the Scheme relating to this Institute as a Post-War Development Scheme. They have accepted the proposal for

PP27-33 n/f

(P

a grant of Rs. 5 lakhs by this Govt., the amount being paid in instalments with reference to the actual cost of the equipment ordered ~~indents for, on~~ leaving the management of the Institute to obtain another Rs. 5 lakhs from the Govt. of India. Pages 31-32 nf

~~2.~~ The case was ~~then~~ circulated for orders whether the short circuit procedure might ~~may~~ be followed and a grant of Rs. 5 lakhs sanctioned to the Institute in the current year subject to the conditions noted ~~on~~ above. ~~The fn~~ P33 nf

4. The following minutes were recorded by the H.Ms:—

> "Though Finance has not objected, I think S.F.C. going through this is better." P33 nf
>
> K. M(adhava Menon),
> 5-11-49
> H.M.(E.& L.)

> "I don't like the hurrying. Let D.P.I. come and discuss with me what it is all about (1) what are the specialities, (2) where do they lead to, (3) what is the control of the Govt. generally etc." PP33-34 nf
>
> B. G(opala) R(eddi),
> 6-11-49
> H.M.(Fin.)
>
> M. B(haktavatsalam),
> 7-11-49
> H.M.(P.W.) P34 nf

> "I would like to be present when the D.P.I. discusses with H.M.(Fin.)" P34 nf
>
> C. P(erumalswami Reddi),
> 11-11-49
> H.M.(Ind.)

> "This may be placed before me after H.M.(Fin.) and H.M.(Ind.) discuss with D.P.I." P34 nf
>
> P.S. K(umaraswami Raja),
> 12-11-49
> H.Pr.

The following further minutes have been recorded by the H.M's:-

> "We may not commit to any particular amount. We may say that proposal to give a proper grant is under active consideration.
>
> There are various snags in it: PP35-36 nf
>
> (1) The University has not affiliated or recognised it.
>
> (2) What is the Govt. control if we are to give money?
>
> (3) What is the security for the proper spending of the money?
>
> (4) What are we ~~do~~ do to ensure that the Institute will work continuously?
>
> (5) Will the D.P.I. be on the managing committee?

(PTO

At this stage the Hon'ble Premier received a letter in Dec. 49 from the Private Secretary to the Hon'ble Prime Minister of India on the subject an extract from which is ~~extracted below:~~ given below:— p. 99 CF.

~~"Would you kindly refer to your letter dated the 29th April, 1949, regarding the Madras Institute of Technology.~~

" A deputation from the Council of Management of this Institute saw the Prime Minister this morning. He was greatly impressed by the progress so far made by this Institute and was especially attracted by the enthusiasm and the spirit of self-help shown by the people who are managing this Institute. He thinks this is deserving of every support. He has asked me to write to you again to commend the Institute to you for such assistance as the Madras Government can give it. The deputationists represented that they were in immediate need of a sum of rupees ten lakhs. In your last letter you said that a decision on the question of a grant to this institute would be taken as soon as the report of the Director of Public Instruction was received. I shall be grateful if you would kindly let me know, for the Prime Minister's information, what it has been found possible to do."

When the case was circulated for orders with the suggestion that a reply might be sent that a proposal for ~~of~~ a grant of Rs 5 lakhs by the Provincial Government was under urgent consideration, p. 35 N.F.

I have seen the institute and it promises to be a good one. H.Pr. may also see this once."

K. M(adhava Menon),
21-12-49
H.M.(E.& L.)

P36 nf

"Either the Univessity or the Govt. must appoint a three-man Committee of 2 Engineers and D.P.I. to give us a report of what was done and what is to be done and what the control of the University or the Govt. would be.

Better we ask the University to appoint a Commission and get the view of the Syndicate. While Govt. should help, we should not allow ourselves to be rushed ~~hustled.~~ // Except the version of the Management, we have no information before us."

P36 nf

B. G(opala) R(Eddi),
27-12-49
H.M.(Fin.)

"The Institute is not affiliated to the University and therefore I do not think we should ask the University for their views. The D.P.I. has already recommended aid and I am told that he got the Principal of the Engineering College, Guindy, to look into the Institute and forward a report. H.Pr. may see.

P36 nf

M. B(haktavatsalam),
28-12-49
H.M.(P.W.)

P36 nf

"May be placed before the Cabinet for final decision."

P.S. K(umaraswami Raja),
7-1-50
H.Pr.

5. The Prime Minister of India has shown interest in the Institute. As early as in Novr. 1948, he wrote a letter to the then Premier expressing the view that it seemed to him that it was a 'worthwhile' institution and might be able to do very good work in the future. He hoped that this Govt. would help it. As stated in para 4 above The Prime Minister's Sectt. has reminded the Govt. in the matter and an interim reply has been sent, stating that the matter is under the active consideration of this Govt. and that as soon as a decision was arrived at, a further communication would be sent.

P1 cf

P99 cf

P101 cf

P105 cf

6. The Govt.of India, Ministry of Education, have addressed a communication to this Govt., stating that the Madras Institute of Technology has ~~again~~ made a request for financial assistance and asking for ~~and the Govt. of India have therefore called for~~ information on the following points regarding the Institute :—

(i) Whether the Institute has now attained a standard justifying financial support by Govt; and

(ii) Whether the Provincial Govt. have given any financial assistance to this Institution, or propose to do so in the matter.

The only official report available on the subject is the D.P.I's report referred to above. H.M.(Fin.) has suggested the appointment of a three-man committee of 2 Engineers and the D.P.I. to report to Govt. on the Madras Institute of Technology. The minutes of HM (P.W) extracted in para 4 above, would seem to indicate that the appointment of a committee is unnecessary.

7. The subject is placed before the Cabinet for orders ~~orders~~ whether a Committee as suggested should be constituted and be asked to report in the matter before the Govt. decide on the question of grant to the Institute

or

whether a grant of Rs. 5 lakhs may be given to the ~~Madras~~ Institute ~~of Technology~~ without such a report.

VRS
23/1/50

23.1.50

23-1-50

1/23

Spare copy of pp 107-112 ante

8

EDUCATION AND PUBLIC HEALTH DEPARTMENT.(G2).

NOTE FOR THE CABINET.

Sub: GRANT - Equipment - The Madras Institute of Technology.

--

A new institution called the Madras Institute of Technology has been started and is functioning in Chromepet near Madras under private management from July 1949. The Institute is stated to have begun to function with a donation of Rs. 6.29 lakhs of which Rs. 5 lakhs were from Sri C. Rajam. It was opened by the Hon'ble the Premier on 18-7-1949. It has been registered under the Societies Registration Act of 1860. The Council of Management consists of 10 distinguished persons including the Hon'ble Minister for Public Works. The declared objects of the Institute are:-

(i) to promote and advance higher education in Science, Technology and Industries;

58

(ii) to establish and maintain a research laboratory or laboratories in the Sciences and Industries;

(iii) to do or carry on business in the course of carrying out the primary purpose of the Institute and to get such work done by the beneficiaries of the Institute;

(iv) to award Scholarships to deserving students to undergo special training in the sciences and industries in or out of India;

and (v) to prepare and encourage the preparation of suitable treatises and text books in the sciences and in other technical subjects and to encourage visual education through films.

The sponsors of the Institute wish to have the institution modelled on the Institute of Technology, Massachusetts, U.S.A. Initially, courses in the following subjects are proposed to be offered by the institute--

(1) Electronics
(2) Instrument Technology
(3) Specialized Mechanical Engineering
(4) Production Technology for Heavy Electrical Machinery.

Students with B.Sc. qualifications, are admitted and they are given three years' intensive training in any one of the branches. 90 students are stated to have been admitted to the Institute in the current year. The fee for each student is Rs. 250, for each term, for three terms in a year. Sri M.K. Ranganathan, retired Chief Engineer, Government of Madras, is the Principal and the staff appointed consists of Lecturers and some visiting Professors. The management proposes to obtain the services of Professors from abroad in due course.

2. The Management of the Institute has secured 30 acres of lands with superstructures thereon for their purposes. They state they are in urgent need of Rs. 10 lakhs for the purchase of equipment and request a grant from Government. It was originally thought that this scheme might be treated as a Post War Development scheme of this Government and that the grant asked for might be made, the Government of India being addressed to bear half of the amount leaving the Government of India to pay what they like to this Institute. Hon'ble Ministers also thought that the usual recurring grants which are given to Collegiate Institutions might be made to this Institute also. The Director of Public Instruction whose remarks were invited on the request, has observed that this is the first case where a private body has decided to undertake a venture of this magnitude and that for that reason the management deserves special consideration and assistance. The Director has made the following comments on the Institute on the basis of a report from the Principal of the Engineering College,

Guindy:-

(i) There is practically no laboratory equipment for the Institute;

(ii) There are four retired P.W.D. officers handling Engineering subjects, the other subjects being taken by junior members of the grade of Assistant Lecturers. Visiting lecturers have been appointed to teach Electronics and Theory of structures and no arrangements have been made for the teaching of Geology, though the subject is included in the syllabus;

(iii) It is not possible to make any specific recommendation regarding the extent of help to be given, the courses not having been recognised and no technical advice being available regarding their suitability and there being no comprehensive scheme giving details of the courses of study, the number and qualifications of the staff that will eventually be employed and the buildings and equipment that will be necessary;

(iv) Before coming to a final decision, the Government might consult the University. In addition, a Committee consisting of experts in the five specialised courses proposed to be introduced namely, Electronics, Instrument Technology, Aeronautics, Automobile Engineering and Motion Picture Engineering may be constituted and their opinion obtained.

As there was no doubt as to the usefulness of the institution and as it was in very urgent need of funds, Secretary, Education and Public Health suggested that a grant of Rs. 5 lakhs might be made by the Government to the Institute, subject to the following conditions:-

K

(1) the institution should submit the syllabus to Government and to the University for recognition of the courses of study;

(2) the management of the Committee should contain a sufficient number of representatives of Government, viz., the Minister for Public Works and the Minister for Industries. Already the Hon'ble Minister for Public Works is a member of the Council of Management. The Director of Industries, the Director of Public Instruction and the Chief Engineer may be ex-officio members. This would assure that Government grant is spent according to a proper policy of development.

(3) Subject to exceptions which may be necessary to attract donations, the policy for admission to the Institution should conform to the general policy of Government in the matter of admissions.

3. Development (Planning & Development) and Finance observe that it is not worthwhile pursuing the question of treating the scheme relating to this Institute as a Post-War Development Scheme. They have accepted the proposal for a grant of Rs. 5 lakhs by this Government, the amount being paid in instalments with reference to the actual cost of the equipment ordered, leaving the management of the Institute to obtain another Rs. 5 lakhs from the Government of India. The case was circulated for orders whether the short circuit procedure might be followed and a grant of Rs. 5 lakhs sanctioned to the Institute in the current year subject to the conditions noted above.

4. The following minutes were recorded by the Hon'ble Ministers:-

"Though Finance has not objected, I think S.F.C. going through this is better."

K. M(adhava Menon),
5-11-49
H.M.(E.& L.)

"I don't like the hurrying. Let D.P.I. come and discuss with me what it is all about (1) what are the specialities, (2) where do they lead to, (3) what is the control of the Government generally etc."

B. G(opala) R(eddi),
6-11-49
H.M.(Fin.)

M. B(haktavatsalam),
7-11-49
H.M.(P.W.)

"I would like to be present when the D.P.I. discusses with H.M.(Fin.)".

C. P(erumalswami Reddi),
11-11-49
H.M.(Ind.)

"This may be placed before me after H.M.(Fin.) and H.M.(Ind.) discuss with D.P.I."

P.S. K(umaraswami Raja),
12-11-49
H.Pr.

At this stage the Hon'ble Premier received a letter in December 1949 from the Private Secretary to the Hon'ble Prime Minister of India on the subject an extract from which is given below:-

"A deputation from the Council of Management of this Institute saw the Prime Minister this morning. He was greatly impressed by the progress so far made by this Institute and was especially attracted by the enthusiasm and the spirit of self-help shown by the people who are managing this Institute. He thinks this is deserving of every support. He has asked me to write to you again to commend the Institute to you for such assistance as the Madras Government can give it. The deputationists represented that they were in immediate need of a sum of rupees ten lakhs. In your last letter you said that a decision on the question of a grant to this Institute would be taken as soon as the report of the Director of Public Instruction was received. I shall be grateful if you would kindly let me know, for the Prime Minister's information, what it has been found possible to do."

When the case was circulated for orders with the suggestion that a reply might be sent that a proposal for a grant of Rs. 5 lakhs by the Provincial Government was under urgent consideration, the following further minutes have been recorded by the Hon'ble Ministers:-

"We may not commit to any particular amount. We may say that proposal to give a proper grant is under active consideration.

There are various snags in it:

(1) The University has not affiliated or recognised it.

(2) What is the Government control if we are to give money?

(3) What is the security for the proper spending of the money?

(4) What are we to do to ensure that the Institute will work continuously?

(5) Will the D.P.I. be on the managing committee?

I have seen the institute and it promises to be a good one. H.Pr. may also see this once."

K. M(adhava Menon),
21-12-49
H.M.(E.& L.)

"Either the Universiry or the Government must appoint a three-man Committee of 2 Engineers and D.P.I. to give us a report of what was done and what is to be done and what the control of the University or the Government would be.

Better we ask the University to appoint a Commission and get the view of the Syndicate. While Government should help, we should not allow ourselves to be hustled.

Except the version of the Management, we have no information before us."

B. G(opala) R(eddi),
27-12-49
H.M.(Fin.)

"The Institute is not affiliated to the University and therefore I do not think we should ask the University for their views. The D.P.I. has already recommended aid and I am told that he got the Principal of the Engineering College, Guindy, to look into the Institute and forward a report. H.Pr. may see.

M. B(haktavatsalam),
28-12-49
H.M.(P.W.)

"May be placed before the Cabinet for final decision."

P.S. K(umaraswami Raja),
7-1-50
H.Pr.

5. The Prime Minister of India has shown interest in the Institute. As early as in November 1948, he wrote a letter to the then Premier expressing the view that it seemed to him that it was a'worthwhile' institution and might be able to do very good work in the future. He hoped that this Government would help it. As stated in para 4 above the Prime Minister's Secretariat has reminded the Government in the matter and an interim reply has been sent stating that the matter is under the active consideration of this Government and that as soon as a decision was arrived at, a further communication would be sent.

6. The Government of India, Ministry of Education, have addressed a communication to this Government, stating that the Madras Institute of Technology has made a request for financial assistance and asking for information on the following points regarding the Institute:-

(i) Whether the Institute has now attained a standard justifying financial support by Government; and

(ii) Whether the Provincial Government have given any financial assistance to this Institution, or propose to do so in the matter.

P.T.O.-5-

The only official report available on the subject is the Director of Public Instruction'sreport referred to above. The Hon'ble Minister for Finance has suggested the appointment of a three-man committee of 2 Engineers and the Director of Public Instruction to report to Government on the Madras Institute of Technology. The minutes of the Hon'ble Minister for ~~Education and Law~~ Public Works extracted in para 4 above, would seem to indicate that the appointment of a committee is unnecessary.

7. The subject is placed before the Cabinet for orders whether a Committee as suggested should be constituted and be asked to report in the matter before the Government decide on the question of grant to the Institute

OR

whether a grant of Rs. 5 lakhs may be given to the Institute without such a report.

K. MADHAVA MENON,
Hon'ble Minister for Education and Law.

--:oOo:--

118

-2- 118(a)

E.&P.H.(G.2)

Lr.Ref.No. 78709?/49-11 Edn., dated 28/1/50.

61
28.1.50

To
The Secretary to the Govt. of India,
Ministry of Education,
New Delhi.

3/1/50

Sir,

Sub:- Madras Institute of Technology - Request for financial assistance.

P 105 (F.I)

Ref:-Your letter No.F.23-96/49-T2 dated 11.1.1950.

I am directed to state that the question of ~~[illegible]~~ ~~a grant to~~ giving the Madras Institute of Technology (financial assistance from Govt. funds) is under the consideration of this Govt., and that a reply will be sent to your ~~above~~ letter ~~quoted~~ cited above, as soon as a decision is arrived at in the matter.

Yours faithfully,

VRS
28/1/50

28.1.50

28/1/50

Note.

118 (b)

-2-

Note.

The draft is based on orders of Secy. on p.38 n.f. of

L.F.I.

VRS
28/1/50

28.1.50

VR
28/1/50

119

STRICTLY CONFIDENTIAL.

Government of Madras.

Meeting of the Council of Ministers held at Fort St. George on Monday the 6th and Tuesday the 7th February 1950 at 11 A.M.

The Hon'ble the Chief Minister presided.

PRESENT:- The Hon. Dr. T.S.S. Rajan.
" Sri M. Bhaktavatsalam
" Sri B. Gopala Reddi
" Sri K. Madhava Menon
" Sri H. Sitarama Reddy
" Sri A.B. Shetty
" Sri K. Chandramouli
" Sri B. Parameswaran (was not present on the 7th.)
" Sri N. Sanjiva Reddy.
" Sri B. Perumalswamy Reddy
" Sri J.L.P. Roche Victoria.

ASST. SECRETARY TO GOVERNMENT
9 - FEB 1950
EDUCATION AND PUBLIC HEALTH DEPT.

10742

AGENDA.- 62

8. Grant - Equipment - The Madras Institute of Technology.

ORDER:--

A Committee consisting of the Chief Engineer, P.W.D., Principal, Engineering College and the Secretary, Education and Public Health Department may be constituted to report on the following:--

1) Whether the Institute has now attained a standard justifying financial support by Government;

2) The syllabus of studies and the standard laid down;

3) The prospects of students who complete studies at the Institute; and

4) Whether the Government should give any help, and if so on what basis?

K.R.M.
7.2.50.

8/2

E & P.H. Dept.

P.S. Kumaraswamy Raja
~~Chairman.~~ Chief Minister

2 drafts

I Draft

E.& P.H.(G.2)

C.No.7870/49.

P 13 cf

P107 cf

P119 cf

GRANT - Equipment - Madras Institute of Technology.

63

Memo.No.78709-2/49-13 Edn.,dated 11-2-50

The management of the Madras Institute of Technology, Chromepet, have requested the Government for a grant ~~for~~ of Rs. 10 lakhs for the equipment urgently needed for the Institute. The Govt. understand that the Institute was opened last year, ~~and~~ but they are not yet in full possession of ~~the~~ information regarding the status and the standard attained by the Institute so far. They therefore appoint a committee consisting of the Chief Engineer, P.W.D., (B&R) Principal College of Engineering, Guindy, and the Secretary to Government, Education and Public Health Department, to report on the following ~~main~~ questions:--

(1) Whether the Institute has now attained a standard justifying financial support by Government;

(2) The syllabus of studies and the standard laid down;

(3) The prospects of students who complete studies at the Institute; and

(4) Whether the Government should give any help, and if so, on what basis.

The Principal, College of Engineering, Guindy, will be the Convenor of the Committee.

2. The members of the Committee are requested to make an inspection of the Institute as often as may be necessary, ~~and~~ obtain information on the above questions and submit their report to Govt. as early as possible.

To
All the members of the Committee.
The D.P.I.
Copy to P.W.D. + Fin.
3 spare copies.

13.2.50

KS 11/2/50

13/2/50

11.2.50

11-2-50

11/2

P.T.O.

E.& P.H.(G.2)

Letter/Ref.No.7870G2/49-14 Edn., dated 11-2-50

To

The Principal Private Secretary to the Prime Minister
Government of India,
New Delhi.

Dy. Secy 11/2

64

Sir,

SUB:- Grant - Madras Institute of Technology.

P101 cf

In continuation of my D.O.No.7870-G2/49-8 Edn., dated 10-1-1950 on the above subject, I am directed to state that this Govt. have not so far arrived at a final decision on the question of ~~financial~~ their financial aid to the Madras Institute of Technology. In order to help ~~them~~ the Govt in arriving at a decision, they have constituted a Committee consisting of the Chief Engineer, P.W.D., Principal, College of Engineering, Guindy, and the Secretary to Govt., E.& P.H. Department, to go into, and report on, certain questions concerning the Institute. I am to state that a further communication will be sent to you as soon as the Committee referred to ~~above~~ has reported and the Government have reached a final decision.

P111 cf

Yours faithfully,

11/2

VRS 13/2/50

11.2.50

11-2-50

12~~4~~

Letter/Ms. No. 7870-G2/49-14, dated 11-2-50

[illegible]

Sub:- Grant - Madras Institute of Technology.

In continuation of my [illegible] 7870-G2/49-13 Edn., dated 11-2-1950 on the above subject, I am directed to state that this Government [illegible] final decision on the question of [illegible] Financial 7870-G2/49-16 Edn. dated 16/2/50 [illegible] the first [illegible] have constituted a committee consisting of the Chief Engineer, P.W.D., Principal, College of Engineering, Guindy, and the Secretary to Govt., [illegible] into and report on certain questions [illegible] the Institute. [illegible] 16.2.50 [illegible] referred to [illegible] reported and the [illegible] reached a final decision.

Yours faithfully,

VRS 18/2/50

125

65

E.& P.H.(G.2)

Grant - Equipment - Madras Institute of Technology.

Memo.No.7870-G2/49-16 Edn., dated 16/2/50.

The Chief Engineer, P.W.D., referred to in Memo. No.7870-G2/49-13 Edn., dated 11-2-1950, is the Chief Engineer, P.W.D. (General Branch), viz. Sri A.R.Venkata Acharya.

VRS 16/2/50.

16.2.50

16-2-50

16/2

Desp. 16/2

P 121 cg

To
All the three members of the Committee.
Copy to the D.P.I.
3 spare copies.

Dept. 16/2 2 members.

Sent 17/2/50.

126

127

66

GOVERNMENT OF MADRAS.
EDUCATION AND PUBLIC HEALTH DEPARTMENT.
Memorandum No. 7870 G2/49-16, Edn., dated 16th February 1950.

Sub: GRANT - Equipment - Madras Institute of Technology.

The Chief Engineer, P.W.D., referred to in Memorandum No. 7870-G2/49-13, Education, dated 11th February 1950, is the Chief Engineer, P.W.D.(General Branch), viz., Sri A.R. Venkata Acharya.

J.M. LOBO PRABHU,
Secretary to Government.

To

All the three members of the Committee.
Copy to the Director of Public Instruction.

Forwarded/By order

AMG.16.2.

SUPERINTENDENT.

128

Issued
Reminder recd on 10/3/50

Edn(F).

67 129

GRANT - Equipment - Madras Institute of Technology.

C.No.7870/49.

Memo.No. 7870F/49 Edn., dated 9/3/50

P121 cf

The attention of the C.E., P.W.D. (General Branch) / Principal, College of Engineering, Guindy, is invited to Govt. Memo. No. 7870-G2/49-13 Edn., dated 11.2.1950 and he is requested to state when the report of the Committee may be expected by Govt.

VRS 8/3/50

8.3.50

9-3-50

To
The Chief Engineer, P.W.D.,
(General Branch)
Madras.

The Principal, College of
Engineering, Guindy.

131

R.C.No.50-B/50.

College of Engineering, Guindy,
Madras - 15, dated 10th March, 1950.

68

From:

Lieut-Col. S.Paul., B.E.,
Principal,
College of Engineering,
Saidapet P.O., Madras.

To:

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

ASSISTANT SECRETARY EDUCATION

Sir,

1633
P121 ante

Sub:-- Grant - equipment - Madras Institute of Technology.
Ref:-- Govt.Memo.No.7870-G2/49-13-Edn., dated 11-2-1950.

p133-157 infra

do - With reference to the above letter I am enclosing herewith the report about the Madras Institute of Technology. Subsequent to drawing up the report further information about the Memorandum and Rules (copy enclosed for ready reference) (A) governing the Madras Institute of Technology was received from the Management. Under instructions from Sri A.R.Venkatachari, Chief Engineer (General), paragraph 10 of the report has been modified with reference to paragraph 5 (a) and 8 of the rules. The instruction received from Sri A.R.Venkatachari, is reproduced below:--

p139 infra
p93-40 (A)
p40 (A)
p93-40 (A)

" Para 10 of the report about Institute of Technology, first part of the para 10 of the report may please be verified and corrected with reference to para 5(a) of the rules and regulations of the Madras Institute of Technology accompanying the Memorandum of Association of the Institute.

p4 (A)

The latter portion of para 10 of the report may kindly be verified and corrected if necessary with reference to rule No.8 of the Institute of Technology"

S. Paul
10/3
PRINCIPAL.

Copy to Chief Engineer (General), for information.
VMD. 10-3.

132

CONFIDENTIAL.

133

P.12/ante

REPORT OF THE COMMITTEE APPOINTED IN GOVERNMENT, EDUCATION & PUBLIC HEALTH DEPARTMENT, MEMORANDUM NO. 7870 G.2/49-13 DATED 11-2-1950 ON THE MADRAS INSTITUTE OF TECHNOLOGY, CHROMEPET.

-----o-------

The Madras Institute of Technology was inaugurated by the Chief Minister of Madras on 18-7-49. It has been functioning for about a year. There are about 90 students now, with an expected full strength of 300 boys when all the 3 year classes are running, all of them having a basic University Degree in Science. The aim of the Institute is according to the prospectus, to train a band of "Engineer Scientists". Science and Engineering will be taught in a co-ordinated manner so as to produce a type of highly qualified technical scientists and Engineers who will be competent to initiate, organise, and develop connected industries and to make original contributions.

69

2) The Institute is situated in Chromepet, 14 miles from Madras, and just across the Chromepet Electric Railway station yard, and an overbridge is also to be put up to enable students to cross the line and get in straight into the Institute premises.

3) The following courses are proposed to be offered in the Institute in the initial stages.--

(1) Electronics
(2) Instrument Technology
(3) Automobile Engineering
(4) Aeronautical Engineering

4) The courses will be of three years' duration, the first year being a common year with instruction in basic Engineering subjects viz. Mathematics, Physics, Chemistry as applied to Engineering, Applied Mechanics, Engineering and Industrial materials, Elementary Electrical, Mechanical and Building Engineering, Survey, Drawing and Workshop Practice--giving a general grounding in the elements of Applied Sciences and Engineering. Facilities for drawing, surveying, Workshop Practice

P133 ante

are also available at the Institute. Practical work in Physics and Chemistry is now done inthe Christian College Science laboratories, Tambaram, by arrangement with that College but from the next academical year, 70 facilities are expected to be available in the Institute itself. The 2nd and 3rd years will be devoted to special subjects referred to in para (3). That the instruction in the College should be given by practical bias is recognised. Apart from intensive practical training in the common subjects like Surveying, and Workshop Practice, practical training is also to be arranged in the specialised courses in the Institute premises. Special equipment of all kinds is being collected and arranged to be obtained mainly from the Government of India Disposals. It is stated by the Council of Management that stores--Electrical, Radio, ~~Aut~~ Automobile, Aircraft and Instrumental parts to the value of 20 lakhs has been booked and Government of India are releasing them at 10% of their book value for about 2 lakhs. Industries of various kinds are being invited to offer facilities to the students in the appropriate branches. For example, Automobile firms and aircraft organisations of Government of India are expected to offer facilities for training of the Institute boys in the 2nd and 3rd year courses. The 1st year boys are stated to have spent already 4 weeks in G.D. Naidu's Institute at Coimbatore, doing work on Radio and Automobiles and some of the boys have brought with them Radio sets which they built during the intensive course.

5) Final year boys in Aeronautical Engineering will be enabled to obtain Ground Engineer's licences A, C and X which are recognised qualifications. Boys will also be encouraged to take A.M.I.Mech.E.,

and A.M.I.E.E. Examinations, London, which are fully recognised qualifications in Mechanical and Electrical branches. It is reported that 53 students are sitting for Part I Examination of A.M.I.Mech.E. (London) and 4 students for Part I, Institution of Electrical Engineers, in April 1950, and it is good to learn that these British Institutions have recognised the courses of study in the Madras Institute of Technology for admission to their examinations.

71

6) The Institute has buildings for Physics, and Chemistry laboratories, a hostel built and furnished for 108 boys, a house for the Principal and a few Members of the staff. Lecture halls and laboratories for Electronics and Instrumental Technology are under construction with two floors. There are two Bellmen hangars 120' x 240', one of them containing Workshop and machine tools and the other two four-seater planes which the Government of India have allotted to the Institute. Furniture required for immediate use in classes and laboratories is also available, and more is being obtained for additions. The Physics and Chemistry laboratory is almost fully furnished.

7) The immediate proposals for additional buildings are for additional hostel to accommodate 200 more boys of the 2nd and 3rd year (accommodation for first 100 more will be required for July 1950, and second hundred in July 1951). The hangars are to be provided with an intermediate floor at the two sides to accommodate drawing halls and laboratories for aeronautical, automobile, Applied Mechanics. All these buildings and equipment for the Physics and Chemistry and other laboratories which are not covered by 20 lakhs worth of equipment obtained from the Government of India Disposals are yet to be provided.

College of Engineering, Guindy,
Madras - 15, dated 10th March, 1950.

10:-- I understand that the management of the affairs of the Institute vests in a council of 4 to 11 members. The council of the Institute appoints two trustees of the Institute from among the patrons and life members. The trustees have charge of all the funds and properties of the Institute (vide para 5a of the Memorandum & Rules of the Institute). The Institute has been registered as a charitable institution and the rules relating to joint stock companies are applicable, and is subject to the control of the Registrar of Joint Stock Companies and functions under statutory limitations.

PP3-4 of (A)

If upon winding up or dissolution of the Institute there remains, after the satisfaction of all its debts and liabilities any property whatsoever the same shall not be paid to or distributed among the members of the Institute but shall be given or transferred to some other Institution or Institutions which have objects similar to the objects of the Institute and which prohibit the distribution of their income and property among their memberes,(Please see para 8 of the Memorandum and Rules of the Institute). (A)

Para 8 on P4 of (A)

P.7 [illegible]

****

S. Paul 10/3

Vmd. 10-3. PRINCIPAL & CONVENOR.

Copy to Chief Engineer (General), Chepauk, Madras, with reference to T.M. dated 9-3-1950.

8) The College boys are all Science graduates, and the standard attained by the boys as revealed by the question papers and answer books is generally satisfactory. Some of them have done very well, and a few are poor and most such drop out as seen from few withdrawals. The boys start their work at about 7-30 A.M. every morning and a working day consists of 8 instruction hours. The year consists of three terms with 11 or 12 instruction weeks per term, 2 weeks holidays between short terms, and 7 weeks vacation in summer. The total number of instruction hours is 1500 working hours per year.

9) The instructions given in the College has for its background a technical advisory panel and Board of studies for each of the four special subjects. These panels contain some eminent and leading members in the profession or industry concerned. The actual instruction is given by a permanent staff, who are assisted by visiting and part time lecturers, generally paid at so much per lecture. For the 2nd and 3rd year classes, attempts are being made to secure the services of Prof. Arguimbo of Mess. U.S.A. for Electronics, and Prof. Lubke of Germany for Instrument Technology. The Principal is Mr. M.K. Ranganatham, Chief Engineer P.W.D. (Retd.), and the Council of Management contains some of the very leading men in Madras including also retired Chief Engineers and is a most influential body. The Hon. Minister for P.W.D. is also a member of the Management.

Please see amendment
10/3

10) I understand that the Council of Management functions as trustees and the institute is registered as a Charitable Institution and the rules relating to Joint Stock Companies are applicable. It is subject to the control of the Registrar of Joint Stock Companies and functions under statutory limitations and Government have a residuary right in the event of

liquidation or failure. These are points for verification.

PP5-13 ante

11) In the letter of the Management to the Secretary to Government, Development Department, dated 4th December 1948, the Council has set out the history of the genesis of the institute, and their objects and applied for financial assistance of 10 lakhs from Government. The Institute is said to owe its inspiration to the advice of Sri C. Rajagopalachari, till recently Govern~~ment~~or-General of India, to give an industrial bias to Educational institutions. The progress that has been found possible so far is mainly due to the sale of the property of Government of India and the hangars in Chromepet and the large donation of 5 lakhs given by Mr.C. Rajan. With this and with donations by some other public spirited persons, a start was made in July 1949. An appeal has been made for more donations giving out the objects of the Institute, the history of its American Counterparts, Massachusetts Institute of Technology and Government have also been approached for grants-in-aid.

Not received -

12) [The report for the periods ending 30-9-49 and 31-12-49 are enclosed.] Their Revenue side shows nearly Rs 7.26 lakhs for the period ending 30-9-49 and nearly Rs 7.75 lakhs for the period ending 31-12-49. The fee income and other educational receipts is about Rs 35,000 to end of 30-9-49 and Rs 57,000 to end of Dec. 1949. The cash balances were about Rs 89,000 to end of 30-9-49 and Rs 38,500 to end of 31-12-49. They have ~~since~~ collected a further donation of Rs 32,000 since 31-12-49. They have to pay about Rs 25,000 to the Disposals for equipment already released and for another 1.25 lakhs at 10% of the book value at which

these are released to the Institute, making part of the 2 lakhs for 20 lakhs of equipment to be ultimately secured.

75

13) The annual running expenditure for each of the first three years is given as follows:-

1st year	..	Rs 1,23,600
2nd "	..	Rs 1,90,000
3rd " and later	..	Rs 5,20,000

14) Against these receipts from fees etc. from students

1st year	..	Rs 70,000
2nd "		--not given--
3rd "		2,40,000

15) The tuition fees are Rs 750 per year and exclusive of other athletic, library, hostel fees etc.

16) The management estimates that 45 lakhs worth of buildings and equipment will be required eventually and that out of these 20 lakhs would be found from equipment promised or released from Disposals at a net cost of 2 lakhs, and the balance of buildings and equipment costing about 25 lakhs can be built up little by little. Their immediate needs are said to be about 15 lakhs out of which they expect Government to give a grant of Rs 10 lakhs. They do not ask for any grant for their running expenditure to bridge the gap between fee income and monthly expenditure on staff etc. This they propose apparently to meet by economies and by public subscriptions.

17) As a foreword to the report for the period ending 30-9-49 is printed, a facsimile copy of Hon'ble Pandit Jawahar Lal Nehru's letter dated

13th December 1949 to the Secretary to the Institute, portions of which are quoted below:-

> "I was impressed and attracted by this scheme and I encouraged them to go ahead with it. We want such institutes of technology all over India and it seemed to me that this Madras Institute was being organised on a sound basis."

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Reviewing a year's progress, he went on to say -

> "This progress is impressive and I am specially attracted by the enthusiasm of the people who are managing this institute. I think it is deserving of every support and I hope it will get it."

18) The above is a summary of the position as regards the Institute. In the present context, Government are actually considering the request of the institute for a grant of 10 lakhs and has appointed a committee consisting of the Principal of the Engineering College, Guindy, Secretary, E. & P.H. Department, and the Chief Engineer, P.W.D. (General). The terms of reference to the Committee are the following:-

p121 ante

(1) Whether the Institute has now attained a standard justifying financial support by Government.

(2) The syllabus of studies and standard laid down.

(3) The prospects of the students who complete studies at the institute.

(4) Whether Government should give any help and if so on what basis.

19) The Principal, Engineering College, and the Chief Engineer, P.W.D. obtained all necessary information, inspected the institute and had the benefit of discussions with the Principal and Members of the Council of Management, Mr. C. Rajan, and Mr. L. Venkatakrishnan.

20) Before giving answers to the specific terms of reference, we think this Institute has to be considered in the back ground of conditions in the country now obtaining and likely to obtain in the

future. India has recently attained an independent status and while the political problem has been solved in a way, the economic problem calls for a speedy and urgent solution. The standard of living of the common man has to be raised. Industrialisation of a magnitude similar to what was adopted by Japan and Germany is required. Mechanisation of all industries and cutting down costs of production~~s~~ to make things cheap is absolutely essential. Industries have to be developed on a mass factory scale, and also on the cottage scale. More and more factories are springing up every day; for example new Automobile assembly plants have been recently put up in Madras for assembly line work and to take over ultimately production of motor cars. Aircraft industry is also expanding and a great many Engineers will be needed on maintenance and operation lines, and in the Shops for major repairs, assembly line work, and lastly on the production of all aeroplane parts and planes. Production of electrical instruments like electrical and water meters, watches and clocks, and a great many types of mathematical, surveying, aircraft and meteorological instruments will be needed. Radio parts and accessories are already needed in large numbers. Men who have been taught the technical "Know How" and acquired practical skill will be needed in large numbers in the country's rapidly developing economy. While the Engineering Colleges will cater to the established lines in general Engineering, supplemental training will be needed to cover quasi scientific and Engineering professions. The need is bound to develop and what cannot be fully absorbed in the initial stages in factory type of industries will be utilised in cottage type of industries each working in a particular line and supplying a particular need.

21) There are few institutes of the kind of the Madras Institute in the whole of India and possibly none covering the same subjects. If Government started and ran an exactly similar institute, the institute cannot have the same freedom in the matter of organisation and running of the institute, as Government institutions will have to ~~to~~ work under a lot of restrictions. University and private institutions score over Government institutions in such matters. The cost of a Government institute will be more and public support will not be forthcoming, as it will be regarded as an institution to be run solely by and/at the cost of Government. Honorary workers and people who are willing to do work in a spirit of service without equivalent monetary reward will not take part in Government institutions to the same extent as in private institutions of this kind.

22) The starting and running of a technical institution, though very necessary and essential, is a very costly one. The estimates for the new Engineering Colleges at Cocanada and Coimbatore for the orthodox types of buildings with full equipment are likely to cost for each ~~each~~ of them about 50 lakhs for buildings alone with easily an equal amount for equipment. The running of the Engineering College at Madras costs Government about 5 lakhs a year excluding receipts by way of fee and other income. About 2 to 5 lakhs of equipment has been found to be required every year for running the College. The figures given by the Institute of Technology both for buildings and equipment are comparatively much less and it is an indication of the fact that the institution banks a great deal on public support and honorary workers who are prepared to take a hand in running it. There is no doubt that in this case, the management is actuated by a sense of economy

in buildings and equipment. From what can be seen of the working of the Madras Institute, there can be no doubt that the enthusiasm of the members of the Council of Management including a Retired Chief Engineer and another Retired Chief Engineer functioning as Principal and other great men of Madras who have given much time and thought to this venture, has been greatly responsible for the progress that it has achieved within a year of its commencement. These features point very strongly to the desirability of State giving a helping hand in working of this institute which has at its head a strong and influential body of management who are fully competent and who are keenly interested in developing the institute.

23) It has been stated at different times that the Governmentof India are having an idea of starting four institutes analogous to the Massachusetts Institute of Technology in different parts of India. For Madras this institute can be a nucleus of such an institute and with Government aid it is bound to develop very satisfactorily if both the management and Government take an active interest in the matter. The Indian Institute of Science, in Bangalore and the A.C. College of Technology in Madras are spending quite large sums on training a few students not more than 7 to 10 in each branch. It is understood that the University has donated nearly 12 lakhs to A.C. College of Technology for developing it in Textile and Chemical Engineering branches. Compared to all this, both the number of students trained and cost to the institute and Government per student, the institute will be working at a very low cost. No other institute or Government undertaking can be run at less expense to Government.

79

24) The terms of reference to the committee by Government may now be answered in the light of the explanations above given.--

(1) Whether the Institute has now attained a standard justifying financial support by Government.

R

From the fact that the Institute has collected funds to the value of nearly 8 lakhs and has a fee income exceeding Rs 70,000 in the first year of its operation with 90 boys studying in the Institute and the various other features connected with the working of the Institute, as far as we can see at present, we feel that the institute has started very well and has attained a standard justifying financial support.

(2) The syllabus of studies and the standard laid down.

L

The syllabuses in different subjects drawn up by the institute have been generally looked through and found to be xxxx satisfactory. It is found that in the case of the special subjects the syllabus and the laboratory facilities are being fixed up in consultation with some of the leading members in the particular branches of the profession though in an institute of the kind engaged in pioneering work, they will call for continual revision. There is no reason to suppose that the minimum standard required in the various subjects is not being aimed at. The boys being graduates in Science should be able to cover the advanced syllabus within the three year period fixed for the course.

(3) The prospects of students who complete studies at the institute.

As the students will be qualifying themselves to be Members of the Institute of Mechanical Engineers, London, and the Institute of Electrical Engineers, London, and the Aeronautic~~a~~ Engineering people will be taking A, C & X licences as Ground Engineers, there is no reason to doubt that these qualifications command a good marketable value and it is not expected that there will be any difficulty in the students of the institute finding suitable employment.

(4) Whether the Government should give any help, and if so, on what basis.

pp 145-151
cut

For the reasons already set out in paras 20, 21 and 22, Government cannot do better than give a grant to this institute to the extent of ten lakhs which the management have asked for. In view of the all-India importance of the institute, it is however our opinion that this grant should for the large part come from the Government of India as the institute is of all-India importance and the industries they will help to foster will be also of an all-India character. These high class technicians will help to save a large volume of imports of valuable and costly equipment from foreign countries. The Engineers trained out of this institute, if only they have to manufacture a very small part of all the various machinery and accessories that are imported from foreign countries, would have more than repaid both to the country and to the Government of India, the cost of money spent on their training but more money which goes out of India in a continual drain on imports. There are other possibilities of increase of export trade as in the case of Indian textiles, to other underdeveloped countries like China, Indo-China etc. Production costs with modern machinery installed, are likely to be cheaper in India than in foreign countries where skilled labour is very costly.

25) Taking, therefore, a very comprehensive view of the whole matter, it seems to us that the Madras

Institute deserves the full support of Government and more particularly Government of India in the present context of Indian affairs.

Aravamuthan 7/3/50 7/3/50.

(1) Chief Engineer, P.W.D. (General).

P. Paul 9/3/50

(2) Principal, College of Engineering (Guindy).
Convenor of the Committee.

158

159

Education Department(F)

NOTE FOR THE CABINET.

82

Sub: Grant - Equipment - The Madras Institute of Technology.

***

At the meeting of the Council of Ministers held on 7--2-1950, it was decided that the question relating to the request of the Madras Institute of Technology for an equipment grant of Rs.10 lakhs should be considered and reported upon by a Committee consisting of the Chief Engineer, P.W.D., the Principal, College of Engineering, Guindy, and the Secretary to Government, Education and Public Health Department, with the following terms of reference:- p119 cf p119 cf

(1) Whether the Institute has now attained a standard justifying financial support by Government;

(2) The syllabus of studies and the standard laid down

(3) The prospects of students who complete studies at the Institute; and

(4) Whether the Govt.should give any help, and if so, on what basis.

Orders were accordingly issued constituting such a Committee. p121 cf

2. The Convenor of the Committee(Principal, College of Engineering, Guindy) has submitted a report on the questions referred to . A copy of the report is appended to this note. pp138-157 cf

3. ~~It is seen from the~~ The Committee's ~~report that the~~ replies to the four questions raised by the Cabinet are as follows:-

(1) From the fact that the Institute has collected funds to the value of nearly 8 lakhs of rupees and has a fee income exceeding Rs.70,000 in the first year with 90 boys studying in the Institute, the Committee feels that the Institute has started very well and has attained a standard justifying financial support by the Govt.; Para 24(1) on p153 cf

(2) The syllabuses have been examined and are found to be satisfactory. There is no reason to suppose that the Para 24(2) on p153 cf

2 160

minimum standard required in the various subjects is not being aimed at, and the students ~~being~~ being science graduates should be able to cover the advanced syllabuses within the prescribed course of three years;

(3) The students will qualify themselves to be members of the Institute of Mechanical Engineers, London, and such of them as study Aeronautic Engineering will take A,C & X licences as Ground engineers; there will therefore be no difficulty for the students of the Institute to find suitable employment; and

Para 24 (3) on pp 153-154 cf

(4) The Institute deserves the full support of Government and the management's request for a grant of Rs.10 lakhs for equipment may be complied with. In view of the all India importance of the Institute it is the Committee's opinion that this grant should for the large part come from the Govt.of India.

Para 24 (4) on P.155 cf

PP 155 + 156 cf

4/- When the matter was placed before the Cabinet on the last occasion, a suggestion was made that a grant of Rs.5/- lakhs might be made immediately by Govt.of Madras leaving it to the Institute to obtain the balance from the Central Govt .

P117 cf and para 3 on p114 cf

5. The question is again placed before the Cabinet for orders whe~~ther~~

(will be [illegible] after [illegible] approval)

(1) whether a grant of 5 lakhs of rupees may immediately be given to the Madras Institute of Technology fromthe State funds towards the ~~cost~~ purchase of equipment for the Institute; and or

p116 cf

(2) whether a final report of the decision of this Government may be made to the Prime Minister of India,with the suggestion that the request of the Institute for financial aid from the Central Government deserves encouragement.

or (3) whether the management may be asked to apply for financial assistance from the Govt. of India.

para 3 on p114 cf and p155 cf

VS 14/3/50

4.3.50

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14.3.50.

Apd to all H.Ms, for report C.S., secy to the Governor [illegible] 14.3.50

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EDUCATION DEPARTMENT.

NOTE FOR THE CABINET.

Sub: GRANT - Equipment - The Madras Institute of Technology.

At the meeting of the Council of Ministers held on 7-2-1950, it was decided that the question relating to the request of the Madras Institute of Technology for an equipment grant of Rs. 10 lakhs should be considered and reported upon by a Committee consisting of the Chief Engineer, P.W.D., the Principal, College of Engineering, Guindy, and the Secretary to Government, Education and Public Health Department, with the following terms of reference:-

(1) Whether the Institute has now attained a standard justifying financial support by Government;

(2) The syllabus of studies and the standard laid down;

(3) The prospects of students who complete studies at the Institute; and

(4) Whether the Government should give any help, and if so, on what basis.

Orders were accordingly issued constituting such a Committee.

2. The Convenor of the Committee (Principal, College of Engineering, Guindy) has submitted a report on the questions referred to. A copy of the report is appended to this note.

3. The Committee's replies to the four questions raised by the Cabinet are as follows:-

(1) From the fact that the Institute has collected funds to the value of nearly 8 lakhs of rupees and has a fee income exceeding Rs. 70,000 in the first year with 90 boys studying in the Institute, the Committee feels that the Institute has started very well and has attained a standard justifying financial support by the Government;

(2) The syllabuses have been examined and are found to be satisfactory. There is no reason to suppose that the minimum standard required in the various subjects is not being aimed at, and the students being science graduates should be able to cover the advanced syllabuses within the prescribed course of three years;

(3) The students will qualify themselves to be members of the Institute of Mechanical Engineers, London, and such of them as study Aeronautic Engineering will take A, C & X Licences as Ground engineers; there will therefore be no difficulty for the students of the Institute to find suitable employment; and

(4) The Institute deserves the full support of Government and the management's request for a grant of Rs. 10 lakhs for equipment may be complied with. In view of the all India importance of the Institute it is the Committee's opinion that this grant should for the large part come from the Government of India.

4. When the matter was placed before the Cabinet on the last occasion, a suggestion was made that a grant of Rs. 5/- lakhs might be made immediately by the Government of Madras leaving it to the Institute to obtain the balance from the Central Government.

5. The question is again placed before the Cabinet for orders

(1) whether a grant of 5 lakhs of rupees may immediately be given to the Madras Institute of Technology from the State funds towards the purchase of equipment for the Institute;

OR

whether the management may be asked to apply for financial

P.T.O.

assistance from the Government of India;

and (2) whether a final report of the decision of this Government may be made to the Prime Minister of India, with the suggestion that the request of the Institute for financial aid from the Central Government deserves encouragement.

K. MADHAVA MENON,
Hon'ble Minister for Education & Law.

REPORT OF THE COMMITTEE APPOINTED IN GOVERNMENT, EDUCATION & PUBLIC HEALTH DEPARTMENT, MEMORANDUM NO. 7870 G.2/49-13 DATED 11-2-1950 ON THE MADRAS INSTITUTE OF TECHNOLOGY, CHROMEPET.

--

The Madras Institute of Technology was inaugurated by the Chief Minister of Madras on 18-7-1949. It has been functioning for about a year. There are about 90 students now, with an expected full strength of 300 boys when all the 3 year classes are running, all of them having a basic University Degree in Science. The aim of the Institute is according to the prospectus, to train a band of "Engineer Scientists". Science and Engineering will be taught in a co-ordinated manner so as to produce a type of highly qualified technical scientists and Engineers who will be competent to initiate, organise, and develop connected industries and to make original contributions.

2. The Institute is situated in Chromepet, 14 miles from Madras, and just across the Chromepet Electric Railway station yard, and an overbridge is also to be put up to enable students to cross the line and get in straight into the Institute premises.

3. The following courses are proposed to be offered in the Institute in the initial stages.--

(1) Electronics
(2) Instrument Technology
(3) Automobile Engineering
(4) Aeronautical Engineering

4. The courses will be of three years' duration, the first year being a common year with instruction in basic Engineering subjects viz. Mathematics, Physics, Chemistry as applied to Engineering, Applied Mechanics, Engineering and Industrial materials, Elementary Electrical, Mechanical and Building Engineering, Survey, Drawing and Workshop Practice - giving a general grounding in the elements of Applied Sciences and Engineering. Facilities for drawing, surveying, Workshop Practice are also available at the Institute. Practical work in Physics and Chemistry is now done in the Christian College Science laboratories, Tambaram, by arrangement with that College but from the next academical year, facilities are expected to be available in the Institute itself. The 2nd ~~x~~ and 3rd years will be devoted to special subjects referred to in para (3). That the instruction in the College should be given by practical bias is recognised. Apart from intensive practical training in the common subjects like Surveying, and Workshop Practice, practical training is also to be arranged in the specialised courses in the Institute premises. Special equipment of all kinds is being collected and arranged to be obtained mainly from the Government of India Disposals. It is stated by the Council of Management that stores - Electrical, Radio, Automobile, Aircraft and Instrumental parts to the value of 20 lakhs has been booked and Government of India are releasing them at 10% of their book value for about 2 lakhs. Industries of various kinds are being invited to offer facilities to the students in the appropriate branches. For example, Automobile firms and aircraft organisations of Government of India are expected to offer facilities for training of the Institute boys in the 2nd and 3rd year courses. The 1st year boys are stated to have spent already 4 weeks in G.D. Naidu's Institute at Coimbatore, doing work on Radio and Automobiles and some of the boys have brought with them Radio sets which they built during the intensive course.

5. Final year boys in Aeronautical Engineering will be enabled to obtain Ground Engineer's licences A, C and X which are recognised qualifications. Boys will also be encouraged to take A.M.I.Mech.E., and A.M.I.E.E. Examinations, London, which are fully recognised qualifications in Mechanical and Electrical branches. It is reported

P.T.O.

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that 53 students are sitting for Part I Examination of A.M.I.Mech.E.(London) and 4 students for Part I, Institution of Electrical Engineers, in April 1950, and it is good to learn that these British Institutions have recognised the courses of study in the Madras Institute of Technology for admission to their examinations.

6. The Institute has buildings for Physics, and Chemistry Laboratories, a hostel built and furnished for 108 boys, a house for the Principal and a few Members of the staff. Lecture halls and laboratories for Electronics and Instrumental Technology are under construction with two floors. There are two Bellmen hangars 120' x 240', one of them containing Workshop and machine tools and the other two four-seater planes which the Government of India have allotted to the Institute. Furniture required for immediate use in classes and laboratories is also available, and more is being obtained for additions. The Physics and Chemistry laboratory is almost fully furnished.

7. The immediate proposals for additional buildings are for additional hostel to accommodate 200 more boys of the 2nd and 3rd year (accommodation for first 100 more will be required for July 1950, and second hundred in July 1951). The hangars are to be provided with an intermediate floor at the two sides to accommodate drawing halls and laboratories for aeronautical, automobile, Applied Mechanics. All these buildings and equipment for the Physics and Chemistry and other laboratories which are not covered by 20 lakhs worth of equipment obtained from the Government of India Disposals are yet to be provided.

8. The College boys are all Science graduates, and the standard attained by the boys as revealed by the question papers and answer books is generally satisfactory. Some of them have done very well, and a few are poor and most such drop out as seen from few withdrawals. The boys start their work at about 7-30 A.M. every morning and a working day consists of 8 instruction hours. The year consists of three terms with 11 or 12 instruction weeks per term, 2 weeks holidays between short terms, and 7 weeks vacation in summer. ~~The total number of instruction hours The year consists of three terms with 11 or 12 instruction weeks per term, 2 weeks holidays between short terms, and 7 weeks vacation in summer.~~ The total number of instruction hours is 1500 working hours per year.

9. The instructions given in the College has for its background a technical advisory panel and Board of studies for each of the four special subjects. These panels contain some eminent and leading members in the profession or industry concerned. The actual instructions is given by a permanent staff, who are assisted by visiting and part time lecturers, generally paid at so much per lecture. For the 2nd and 3rd year classes, attempts are being made to secure the services of Prof. Arguimbo of Mess. U.S.A. for Electronics, and Prof. Lubke of Germany for Instrument Technology. The Principal is Mr. M.K. Ranganatham, Chief Engineer, P.W.D.(Retd.), and the Council of Management contains some of the very leading men in Madras including also retired Chief Engineers and is a most influential body. The Hon. Minister for P.W.D. is also a member of the Management.

10. I understand that the management of the affairs of the Institute vests in a council of 4 to 11 members. The council of the Institute appoints two trustees of the Institute from among the patrons and life members. The trustees have charge of all the funds and properties of the Institute ~~(vide para 5 of the Memorandum & Rules of the Institute)~~. The Institute has been registered as a charitable institution and the rules relating to joint stock companies are applicable, and is subject to the control of the Registrar of Joint Stock Companies and functions under statutory limitations.

If upon winding up or dissolution of the Institute there remains, after the satisfaction of all its debts and liabilities any property whatsoever the same shall not be paid to or distributed among the members of the Institute but shall be given or transferred to some other Institution or Institutions (which have objects similar to the objects of the Institute and which prohibit of their income and property among their income and property among their members, ~~(Please see para 6 of the Memorandum and Rules of the Institute)~~.

11. In the letter of the Management to the Secretary to Government, Development Department, dated 4th December 1948, the Council has set out the history of the genesis of the institute, and their objects and applied for financial assistance of [illegible]

~~xa~~ of 10 lakhs from Government. The Institute is said to owe its inspiration to the advice of Sri C. Rajagopalachari, till recently Governor-General of India, to give an industrial bias to Educational institutions. The progress that has been found possible so far is mainly due to the sale of the property of Government of India and the hangars in Chromepet and the large donation of 5 lakhs given by Mr.C. Rajam. With this and with donations by some other public spirited persons, a start was made in July 1949. An appeal has been made for more donations giving out the objects of the Institute, the history of its American Counterparts, Massachusetts Institute of Technology and Government have also been approached for grants-in-aid.

12. ~~The report for the period ending 30-9-49 and 31-12-49~~. Their Revenue side shows nearly Rs. 7.26 lakhs for the period ending 30-9-49 and nearly Rs. 7,75 lakhs for the period ending 31-12-49. The fee income and other educational receipts is about Rs. 35,000 to end of 30-9-49 and Rs. 57,000 to end of Dec. 1949. The cash balances were about Rs. 89,000 to end of 30-9-49 and Rs. 38,500 to end of 31-12-49. They have collected a further donation of Rs. 32,000 since 31-12-49. They have to pay about Rs. 25,000 to the Disposals for equipment already released and for another 1.25 lakhs at 10% of the book value at which these are released to the Institute, making part of the 2 lakhs for 20 lakhs of equipment to ~~kh~~ be ultimately secured.

13. The annual running expenditure for each of the first three years is given as follows:-

1st year	..	Rs. 1,23,600
2nd "	..	Rs. 1,90,000
3rd " and later	..	Rs. 5,20,000

14. Against these receipts from fees etc. from students

1st year	..	Rs. 70,000
2nd "		--not given--
3rd "		Rs. 2,40,000

15. The tuition fees are Rs. 750 per year and exclusive of other athletic, library, hostel fees etc.

16. The management estimates that 45 lakhs worth of buildings and equipment will be required eventually and that out of these 20 lakhs would be found from equipment promised or released from Disposals at a net cost of 2 lakhs, and the balance of buildings and equipment costing about 25 lakhs can be built up little by little. Their immediate needs are said to be about 15 lakhs out of which they expect Government to give a grant of Rs. 10 lakhs. They do not ask for any grant for their running expenditure to bridge the gap between fee income and monthly expenditure on staff etc. This they propose apparently to meet by economies and by public subscriptions.

17. As a foreword to the report for the period ending 30-9-49 is printed, a facsimile copy of Hon'ble Pandit Jawahar Lal Nehru's letter dated 13th December 1949 to the Secretary to the Institute, portions of which are quoted below:-

> "I was impressed and attracted by this scheme and I encouraged them to go ahead with it. We want such institutes of technology all over India and it seemed to me that this Madras Institute was being organised on a sound basis."

Reviewing a year's progress, he went on to say -

> "This progress is impressive and I am specially attracted by the enthusiasm of the people who are managing this institute. I think it is deserving of every support and I hope it will get it."

18. The above is a summary of the position as regards the Institute. In the present context, Government are actually considering the request of the institute for a grant of 10 lakhs and has appointed a committee consisting of the Principal of the Engineering College, Guindy, Secretary, E,& P.H. Department, and the Chief Engineer, P.W.D.(General). The terms of reference to the Committee are the following:-

P.T.O.

(1) Whether the Institute has now attained a standard justifying financial support by Government.

(2) The syllabus of studies and standard laid down.

(3) The prospects of the students who complete studies at the institute.

(4) Whether Government should give any help and if so on what basis.

19. The Principal, Engineering College, and the Chief Engineer, P.W.D. obtained all necessary information, inspected the institute and had the benefit of discussions with the Principal and Members of the Council of Management, Mr. C. Rajam, and Mr. L. Venkatakrishnan.

20. Before giving answers to the specific terms of reference, we think this Institute has to be considered in the back ground of conditions in the country now obtaining and likely to obtain in the future. India has recently attained an independent status and while the political problem has been solved in a way, the economic problem calls for a speedy and urgent solution. The standard of living of the common man has to be raised. Industrialisation of a magnitude similar to what was adopted by Japan and Germany is required. Mechanisation of all industries and cutting down costs of production to make things cheap is absolutely essential. Industries have to be developed on a mass factory scale, and also on the cottage scale. More and more factories are springing up every day; for example new Automobile assembly plants have been recently put up in Madras for assembly line work and to take over ultimately production of motor cars. Aircraft industry is also expanding and a great many Engineers will be needed on maintenance and operation lines, and in the Shops for major repairs, assembly line work, and lastly on the production of all aeroplane parts and planes. Production of electrical instruments like electrical and water meters, watches and clocks, and a great many types of mathematical, surveying, aircraft and meteorological instruments will be needed. Radio parts and accessories are already needed in large numbers. Men who have been taught the technical "Know How" and acquired practical skill will be needed in large numbers in the country's rapidly developing economy. While the Engineering Colleges will cater to the established lines in general Engineering, supplemental training will be needed to cover quasi scientific and Engineering professions. The need is bound to develop and what cannot be fully absorbed in the initial stages in factory type of industries will be utilised in cottage type of industries each working in a particular line and supplying a particular need.

21. There are few institutes of the kind of the Madras Institute in the whole of India and possibly none covering the same subjects. If Government started and ran an exactly similar institute, the institute cannot have the same freedom in the matter of organisation and running of the institute, as Government institutions will have to work under a lot of restrictions. University and private institutions score over Government institutions in such matters. The cost of a Government institute will be more and public support will not be forthcoming, as it will be regarded as an institution to be run solely by and at the cost of Government. Honorary workers and people who are willing to do work in a spirit of service without equivalent monetary reward will not take part in Government institutions to the same extent as in private institutions of this kind.

22. The starting and running of a technical institution, though very necessary and essential, is a very costly one. The estimates for the new Engineering Colleges at Cocanada and Coimbatore for the orthodox types of buildings with full equipment are likely to cost for each of them about 50 lakhs for buildings alone with easily an equal amount for equipment. The running of the Engineering College at Madras costs Government about 5 lakhs a year excluding receipts by way of fee and other income. About 2 to 5 lakhs of equipment has been found to be required every year for running the College. The figures given by the Institute of Technology both for buildings and equipment are comparatively much less and it is an indication of the fact that the institution banks a great deal on public support and honorary workers who are prepared to take a hand in running it. There is no doubt that in this case, the management is actuated by a sense of economy in buildings and equipment. From what can be seen of the working of the Madras Institute, there can be no doubt that the enthusiasm of the members of the Council of Management including a Retired Chief Engineer and another Retired Chief Engineer functioning as Principal and other great men of Madras

P.T.O.

who have given much time and thought to this venture, has been greatly responsible for the progress that it has achieved within a year of its commencement. These features point very strongly to the desirability of State giving a helping hand in working of this institute which has at its head a strong and influential body of management who are fully competent and who are keenly interested in developing the institute.

23. It has been stated at different times that the Government of India are having an idda of starting four institutes analogous to the Massachusetts Institute of Technology in different parts of India. For Madras this institute can be a nucleus of such an institute and with Government aid it is bound to develop very satisfactorily if both the management and Government take an active interest in the matter. The Indian Institute of Science, in Bangalore and the A.C. College of Technology in Madras are spending quite large sums on training a few students not more than 7 to 10 in each branch. It is understood that the University has donated nearly 12 lakhs to A.C. College of Technology for developing it in Textile and Chemical Engineering branches. Compared to all this, both the number of students trained and cost to the institute and Government per student, the institute will be working at a very low cost. No other institute or Government undertaking can be run at less expense to Government.

24. The terms of reference to the committee by Government may now be answered in the light of the explanations above given.--

(1) Whether the Institute has now attained a standard justifying financial support by Government.

From the fact that the Institute has collected funds to the value of nearly 8 lakhs and has a fee income exceeding Rs. 70,000 in the first year of its operation with 90 boys studying in the Institute and the various other features connected with the working of the Institute, and as far as we can see at present, we feel that the Institute has started very well and has attained a standard justifying financial support.

(2) The syllabus of studies and the standard laid down.

The syllabuses in different subjects drawn up by the institute have been generally looked through and found to be satisfactory. It is found that in the case of the special subjects the syllabus and the laboratory facilities are being fixed up in consultation with some of the leading members in the particular branches of the profession though in an institute of the kind engaged in pioneering work, they will call for continual revision. There is no reason to suppose that the minimum standard required in the various subjects is not being aimed at. The boys being graduates in Science should be able to cover the advanced syllabus within the three year period fixed for the course.

(3) The prospects of students who complete studies at the institute.

As the students will be qualifying themselves to be Members of the Institute of Mechanical Engineers, London, and the Institute of Electrical Engineers, London, and the Aeronautic Engineering people will be taking A, C & X Licences as Ground Engineers, there is no reason to doubt that these qualifications command a good marketable value and it is not expected that there will be any difficulty in the students of the institute finding suitable employment.

(4) Whether the Government should give any help, and if so, on what basis.

For the reasons already set out in paras 20, 21 and 22, Government cannot do better than give a grant to this institute to the extent of ten lakhs which the management have asked for. In view of the all-India importance of the institute, it is however our opinion that this grant should for the large part come from the Government of India as the institute is of all-India importance and the industries they will help to foster will be also of an all-India character. These high class technicians will help to save a large volume of imports of valuable and costly equipment from foreign countries. The Engineers trained out of this institute, if only they have to manufacture a very small part of all the various machinery and accessories that are imported from foreign countries, would have more than repaid,

P.T.O.

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both to the country and to the Government of India, the cost of money spent on their training but more money which goes out of India in a continual drain on imports. There are other possibilities of increase of export trade as in the case of Indian textiles, to other underdeveloped countries like China, Indo-China etc. Production costs with modern machinery installed, are likely to be cheaper in India than in foreign countries where skilled labour is very costly.

25. Taking, therefore, a very comprehensive view of the whole matter, it seems to us that the Madras Institute deserves the full support of Government and more particularly Government of India in the present context of Indian affairs.

A.N. VENKATACHARI,
7-3-50
(1) Chief Engineer, P.W.D.(General).

S. PAUL,
9-3-50
(2) Principal, College of Engineering,
(Guindy).
Convenor of the Committee.

/True copy/

--:oOo:--

STRICTLY CONFIDENTIAL.

Government of Madras.

Meeting of the Council of Ministers held at Fort St. George, on Friday the 17th March 1950 at 5.15 P.M.

The Hon'ble the Chief Minister presided.

3370

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PRESENT:--

The Hon. Dr. T.S.S. Rajan
" Sri M. Bhaktavatsalam
" " B. Gopala Reddi
" " K. Madhava Menon
" " H. Sitarama Reddi
" " A.B. Shetty
" " K. Chandramouli
" " B. Parameswaran
" " N. Sanjiva Reddi
" " C.Perumalswami Reddy
" " J.L.P. Roche Victoria.

AGENDA:-

4. Grant - Equipment - The Madras Institute of Technology.

ORDER:--

It was decided that a grant of Rs.5 lakhs (Five Lakhs) may immediately be given to the Madras Institute of Technology towards the purchase of equipment for the Institute and that this grant should be subject to suitable conditions. These conditions will be considered separately and very urgently, as orders should issue well in time before the end of the financial year so that the grant may be drawn before 1st April 1950.

K.R.M.
18.3.50.

P.S. Kumaraswamy Rajah
Chief Minister.

Edn. Deptt.

18/3

Special

R.C.No.50-B/50.

College of Engineering, Guindy,
Madras - 15, dated 16th March, 1950.

From:

Lieut-Col. S.Paul., B.E.,
Principal,
College of Engineering,
Saidapet P.O., Madras.

To:

The Secretary, Education & Public
Health Department,
Government of Madras,
Fort St. George, Madras.

VS

ASSISTANT SECRETARY,
17 MAR 1950
3131
EDUCATION DEPARTMENT

Dear Sir,

Sub:-- Grant - Equipment - Madras Institute of Technology-
Erratum.
Ref:-- This Office letter R.C.No.50-B/50, dated 10-3-1950.
****

Flash on P.139 Paul

Kindly insert the words "the distribution" after the word "prohibit" in the penultimate line of paragraph 10 of the report. The ommission of the same is very much regretted.

S Paul
16/3/50
PRINCIPAL.

VMD. 16-3.

Copy to Sri J.G.Abraham Dy.Chief Engineer, P.W.D., (General), Chepauk,
Madras, with reference to his D.O.No.709 AD.1/50-1, dated 15-3-1950.

PIO

Edu (F)

May be filed with the main file on the subject, as it is received from Public (Spl).

VPS
18/3/50

18/3/50

22/3/50

PRIVATE SECRETARY
MADRAS

THIRD ASST. SECRETARY TO GOVERNMENT
8 MAR 1950
DEVELOPMENT DEPARTMENT

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GOVERNMENT HOUSE
Guindy,
8th March 1950.

13 MAR 1950
EDUCATION DEPARTMENT

Dear Mr. Viswanatha Ayyar,

Sub: Representation to His Excellency by the Madras Institute of Technology, Chromepet.

I am desired by His Excellency to enclose for the consideration of the Government a representation made to him by the Madras Institute of Technology, Chromepet when His Excellency visited the Institute on 3rd March.

A copy of His Excellency's reply also is enclosed for reference.

P3 infra

P5-6

1968

Yours sincerely,

P. Govindan Nair

(P. Govindan Nair)
Secretary to H.E. the Governor.

Sri P.S. Viswanatha Ayyar, I.C.S.,
Secretary to Government,
Development Department,
Madras-9.

Developt Dept D.I

Education Dept No.

Developt No. 10/20125-D.I/50-1
10-3-50

9/3/50

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9/3/50

Edn

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DEPUTY SECRETARY TO GOVERNMENT
7 - MAR 1950
DEVELOPMENT DEPARTMENT

THE MADRAS INSTITUTE OF TECHNOLOGY, CHROMEPET.

ADDRESS OF WELCOME presented to His Excellency Commodore Maharaja Raol Sir Krishna Kumarsinhji Bhavsinhji, K.C.S.I., Maharajah of Bhavnagar, Governor of Madras, on 3rd March 1950.

****

YOUR EXCELLENCY, LADIES AND GENTLEMEN,

It gives me great pleasure to welcome Your Excellency and YOU, Ladies and Gentlemen, to this Institute which from small beginnings seeks to achieve great ends. It is but right and fitting that the First Citizen of our Province, our popular Governor, His Highness the Maharajah of Bhavnagar should evince keen interest in the future of this Institute. With the inauguration of the Democratic Republic of India founded on the basis of Justice, Liberty, Equality and Fraternity: Justice - social, economic and political; Liberty of Thought, Expression, Belief, Faith and Worship; Equality of Status and of opportunities, and to promote among them all Fraternity, assuring the dignity of the individual and the unity of the Nation. I invite you one and all to take calm and dispassionate stock of our needs and requirements and aim to build our Nation into a strong well-knit whole.

The Hon'ble the Chief Minister said during the inauguration:

> "Your request to the Governments, both Central and Provincial, for recognition of the Institute and for grants in aid for it, is but legitimate. Your endeavours cannot but evoke sympathy from every quarter. The Provincial Government cannot afford to be slack in their responsibility to see the growth and strength of this Institution. Institutes of this kind, contributing to the industrial development and economic prosperity of the country, are of supreme national importance. It would be a pride for the Madras Province to have such Institutes located within its territorial limits, as those who are immediately benefitted by them are the people of this Province".

The Minister for Industries with the Government of India, and the Ministers for Industry, Revenue, Public Works, and Education & Law, have in turn visited the Institute at different times and given us words of encouragement such as:

> "This idea of having an Institute of Technology suited to the needs and aspirations of the country, was something which was really overdue and I am glad that Madras has taken a lead in the matter".

> "You are serving the real national interests during this difficult period of transition and anybody who does it is fully deserving of encouragement from a Government which calls itself national".

Thanks to the help given by the Government of India - Education and Industries Department - we have been allotted so far some Rs.2-1/2 lakhs worth of Machinery and Equipment and more are on order.

We have collected so far from various sources a sum of Rs.7.22 lakhs and [illegible] the completion of the accommodation and provision of the [illegible] and equipment. We need more - a great deal more - and

His Excellency's reply to the address presented at the Madras Institute of Technology on 3rd March 1950.

Mr. Rajam and my friends,

Thank you very much for giving me this chance to visit your Institute and for the welcome you have given me. It is my regret that owing to various reasons I was unable to visit this Institute earlier though I had programmed to do so. But I have heard a good deal of the work they/you are doing. This work of yours has earned praise from persons occupying very high positions in our public life and I would like to add my tribute of praise alsp. Wherever I have gone on my tours in this State I have always made it a point to visit ~~Institutions~~ Institutes of Technology, for, it is a matter of principle for me that this country has a very great future in its industrial development and it is the duty both of the State and the public to pay every attention to such a development. The prime need is for more production; for an increase of our national wealth, and this is the call given to us by our Prime Minister, by our Deputy Prime Minister and a host of others. Our great handicap has been the lack of personnel trained in the arts of mechanics, for, if we are to build up our industries - both our heavy industries and our lighter ones - we need a large reservoir of such technically trained men. We have ample material in our country and especially in Madras State. Our record during the last war is a sign of the great aptitude shown by young men from Madras for the technical trades. I am very glad therefore to have visited this Institute and to have seen such an example of public spirit as shown by the founders of this place. It will satisfy one of the most crying needs of the country.

You have inyour address mentioned the need for financial support, especially from the Government. I am of course only a mere Constitutional Governor and I notice that much more important people like the Ministers of Government who are directly connected with the subject have already visited this Institute. But I promise you that I will certainly pass on your request to them for their consideration.

I would like however at the same time to make an appeal here to the public of this State to supplement your efforts by

178

by liberal donations. For, this Institute serves a very great need not only of this State but of the whole of India.

Thank you very much again and I wish you the best of fortune.

Jai Hind.

---

92 179

Edn

Please see the D.O. from

Secretary to HE the Governor, the address of welcome presented to HE. by the Madras Institute of Technology, Chromepet, and a copy of HE's reply thereto, on pp 1-6 ante. The subject of grant to the Institute ~~will be~~ is placed before the Cabinet, at its meeting on 17/3/50. This may be added to that file.

Separate file - sent to Public (Spl)

VS
17/3/50

17.3.50

18/3/50

188

Education (F)

Special. to be typed in f.c.

GRANT - Equipment - The Madras Institute of Technology - Rs. 5 lakhs - Payment in 1949-50 - Ordered.

C.No.7870/49. pp 4-13 cf p 23 cf, pp 45 cf p 69 cf, pp 71-75 cf p 84 cf pp 95-97 cf pp 61-62 cf p 99 cf p 105 cf p 131 cf + pp 133-157 cf

From the Madras Institute of Technology, d./- 4.12.48, No.F.A.& R.R.1/91-3 dated 23.2.1949, dated 14.8.49, No.2736 dated 13.10.49, No.2772 dated 18.10.49, No.2836 dated 27.10.49 and No.2941 dated 8.11.1949.

From the D.P.I.Rc.No.656-D2/48 dated 5-9-49.

From the Principal Private Secretary to the Prime Minister of India, No.D.2-11012 dated 13.12.49.

From the Govt.of India, Ministry of Education, F.No.23-96/49-T2 dated 11.1.50.

From the Principal, College of Engineering, Guindy, Rc.No 50-B/50 dated 10-3-50.

A sechon 22/3

ORDER/MS. 951 93 EDN., DATED 22-3-50

- -

The Government sanction the payment during the current year to the management of the Madras Institute of Technology, Chromepet, of a grant of Rs. 5 lakhs (Rupees five lakhs only) towards the purchase of equipment for the Institute. The A.G. is requested to place the amount at the disposal of the Institute immediately, pending provision of funds.

2. The expenditure will be debitable to "37-Education - University - e. Grants to Non-Government Professional Colleges - Equipment"

3. The conditions subject to which the grant is sanctioned will be communicated to the management of the Institute separately. The grant should be refunded if the conditions are not fulfilled ~~The management of the~~ ~~Institute~~ is informed ~~that it~~ should not ~~incur any expenditure from this grant~~ until the conditions to be laid down by the Govt. are accepted by it and that in case, it does not accept those conditions, it should be prepared to refund the amount drawn to Government. The management is therefore requested to give an undertaking in writing, before ~~the~~ drawal of the ~~grant, to the effect that in case it does not accept the.~~

as in [illegible]

✓ (For orders)

182

-2-

~~the~~ conditions ~~to be laid down by the Govt., it will~~

refund to Govt. the amount of grant drawn ~~by it.~~ .

VRS
20/3/50

20.3.50

To

The Member of Council,
The Madras Institute of
Technology, Chromepet P.O,
Chingleput Dt.

Copy to the D.P.I.

Copy to the A.G. through
Fin.

Copy to the Principal,
College of Engineering,
Guindy.

Copy to the C.E. P.W.D (Genl)

Copy to Finance.

4 spare copies.

20/3/50

the grant should be
refunded if the
conditions are not
fulfilled

183

SPECIAL.

Government of Madras.
Education Department.
G.O.Ms.No. 951 Education, dated 22nd March

Abstract.

GRANT - Equipment - The Madras Institute of Technology - Rs
Payment in 1949-50 - Ordered.

V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V.V

From the Madras Institute of Technology, dated 4-11-48, No. F.A.&.R.R.1/91-3 dated 23-2-1949, dated 14-8-49, No. dated 13-10-49, No. 2772 dated 18-10-1949, No. 2836 dated and No. 2941 dated 8-11-1949.
From the Director of Public Instruction, No. 686-D2/48 dat 5-3-1949.
From the Principal Private Secretary to the Prime Minister No. D.2-11012 dated 13-12-1949.
From the Government of India, Ministry of Education, F.No.2 T2 dated 11-1-50.
From the Principal, College of Engineering, Guindy No. RC 50-B/ dated 10-3-50.

94

ORDER:-

The Government sanction the payment during the current year to the management of the Madras Institute of Tech Chromepet, of a grant of Rs. 5 lakhs (Rupees five lakhs only) towards the purchase of equipment for the Institute. The Accountant-General is requested to place the amount at the dispo of the Institute immediately, pending provision of funds.

2. The expenditure will be debitable to "37 Edu University - e. Grants to Non-Government Professional Colleges - Equipment.

3. The conditions subject to which the grant is sanctioned will be communicated to the management of the Institu separately. The grant should be refunded if the conditions are not fulfilled.

(By order of His Excellency the Governor)

Rajaiah D.Paul
Secretary to Government.

To
The Member of Council,
The Madras Institute of Technology Chromepet, P.O.
Chingleput District.
The Director of Public Instruction.
The Accountant-General thro' Finance.
The Principal, College of Engineering, Guindy.
The Chief Engineer, P.W.D. (General).
The Finance Department.
S/C 4

/True copy-Forwarded-By order/

Superintendent.

RA/22-3

187

~~the conditions~~

refund to Govt.

VPS
20/3/50

F ~~185~~

Madras Institute of Technology

TELEGRAMS : "MIT"
TELEPHONE :

CHROMEPET P. O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

REF. MIT.

23rd March 1950

ASSISTANT SECRETARY
24 MAR 1950
4209
EDUCATION DEPARTMENT

95

The Secretary toGovernment,
Education Department,
Govt. of Madras,
Fort St.George, Madras.

Dear Sir,

ref:Madras Institute of Technology -
Grant of Rs.5,00,000/-.

I thank you for the orders contained in G.O. Education Ms.951 of the 22nd March, 1950, sanctioning the payment of a grant of Rs.5,00,000/- to our Institute.

P175 ante

I enclose herein a copy of the Resolution passed by the Managing Council of the Institute for information of Government.

P178 infra

We are greatly obliged to the Government for the kind help extended to us.

Yours faithfully,

L. Venkata
23.3.50

Member-in-Council.

Enc.

~~the~~ conditions

186

187

Madras Institute of Technology

IN THE SERVICE OF INDIA MIT

TELEGRAMS: "MIT"
TELEPHONE:

CHROMEPET P.O., CHINGLEPUT DT.
MADRAS - (SOUTH INDIA)

REF.

23rd March 1950.

96

Resolution of the Council of Management of the Madras Institute of Technology, passed in circulation.

RESOLVED to convey the grateful thanks of the Council of Management to the Government of Madras for the timely help rendered in sanctioning the grant of Rs.5 lakhs (Rupees Five lakhs) during the current year for the purchase of equipment etc. for the Madras Institute of Technology, as per Mis. G.O. No.951 Education dated 22--3--1950.

P 175 ante

RESOLVED that the Treasurer Mr. C.R. Ramaswami be authorised to receive the monies sanctioned in Mis. G.O. 951 Education dated 22-3-1950, and bank the same along with the other funds of the Madras Institute of Technology.

(sd) Members of the Council
of Management.

(True copy)

Forwarded.

L. Venkatar 23.3.50

Member-in-Council.

181

The conditions

V 88

Madras Institute of Technology

TELEGRAMS: "MIT"
TELEPHONE: 80793.

CHROMEPET P. O., CHINGLEPUT DT.
MADRAS-(SOUTH INDIA)

F 189

REF. 4406

23rd March, 1950.

ASSISTANT SECRETARY
25 MAR 1950
4462
EDUCATION DEPARTMENT

25 MAR 1950

97

Dear Mr. Paul,

I must thank you for the prompt manner in which you have been kind enough to push through the Report of the Technical Committee and place it before the Cabinet. I must also thank you for communicating so expeditiously the G.O. regarding the grant of Rs.5 lakhs to the Institute. On behalf of myself, and on behalf of the Council of Management of the Institute, I convey our grateful thanks for the Government's timely help in the matter.

File this separately

With regards,

Yours sincerely,
C. Rajam
(C. RAJAM.)

Sri R.D. Paul,
Secretary to Government,
Education Department,
Fort St. George,
Madras.

Edu(F)

May be added to main file.

25/3/50

25350

27/3/50

the conditions

~~Three~~ 2 drafts.

I draft.

Education (F)

19

Letter/Ref.No. 7870F/49-22 Edn., dated 27.3.50

To

Sechr

The Principal Private Secretary to the Prime Minister,
Government of India, New Delhi.

Sir,

98

Sub:- Grant - The Madras Institute of Technology, Chromepet.

P 99 cf

Ref:- Your D.O.No.121337(A)-D1/49 dated 13.12.49.

I am directed to state that th~~is~~e Government of Madras have sanctioned the payment of a grant of Rs. 5 lakhs to the Madras Institute of Technology, Chromepet, during the current year, towards the cost of equipment for the Institute.

Yours faithfully,

VBS
25/3/50

25.3.50.

27/3/50

P.T.O. for II Draft

182

190

192

II Draft.

Letter/Ref.No. 7890F/49-23 Edn.,dated 27/3/50

To

The Secretary to the Govt.of India,
Ministry of Education, New Delhi (with encl- copy of pp 133-157 c/f

sho initial
NM 28/3/50

Sir,

Sub:- The Madras Institute of Technology - Request for financial assistance.

With reference to your letter No.F.23-96/49-T2 dated 11.1.50, on the above subject, I am directed to forward for your information a copy of the report of the Special Committee which the Govt. set up to go into the working of the Madras Institute of Technology. ~~Having regard to the recommendations contained in that report,~~ the Govt. of Madras have sanctioned a grant of Rs. 5 lakhs in the current year ~~[illegible]~~ towards the cost of the equipment required by the Institute.

P 105 c/f

pp 133-157 c/f

P 175 c/f

Yours faithfully,

VS 27/3/50

25.3.50

27/3/50

27/3/50

SPECIAL.

6A

Secretary, E.& P.H.

Please see herewith the letter of the Prime Minister of India to the Premier. I do not remember to have seen any representation on behalf of the Madras Institute of Technology. The matter may be examined whether we have received any application for help from any such institution. If we have not received any representation, the matter may be examined in consultation with the Development Department whether they have received any such representation, and the position put up.

99

As an early reply will have to be sent, this may be treated as 'Special' and the note put up in 3 or 4 days if possible.

ISA 29.11.48

H.M.Education.

Ed. D.H.

I have ascertained that Dev. Deptt. has a file on the subject referred to above. This may be transferred to that Deptt.

ISM 29/11/48

28/11/48

Dev.

29 NOV
GOVERNMENT OF MADRAS

FIFTH ASSISTANT SECRETARY TO GOVERNMENT
12 NOV 48
120588
DEVELOPMENT DEPARTMENT

DI

Lodged 40220 DI/48 28.7.48

p.1 c/f (Y)
pp3-7 c/f (Y)
p.1 c/f (Y)
p.1 c/f (Y)
p.3 c/f (Y)

Devt. Deptt.(DI)

TO A.S.

In March 1948, the Govt. of India forwarded a copy of the Memorandum from the Madras Institute of Technology (India House, Mylapore)(said to be a newly started private institution) and invited the view of this Govt. about the scope and prospect of the institution and whether it was worthy of financial or other support at the present stage of its development. The Memorandum sent to India by the Institute is on p.3-7 ~~c/f~~ of 'Y'. In that Memorandum it was stated that the Institute ~~with~~ was started with private fund[illegible] a view to provide for

2

B

advanced courses in Engineering and Technical Education,
that the long-term objective of the Institute was to teach A' p3 y (Y)
all subjects in Engineering and Technology on the lines
of the ~~Plassa Chusells~~ Massachusetts Institute of Technology in America
and that in view of the enormous cost involved, the
Institute proposed make a modest start with the following — Do —
2 courses which were considered to be of wide importance :—
~~in~~

K' p3 y (Y)

1) Electronic Engineering
2) Instrument Technology (Instrument Manufacture)

C' p3 y (Y)

The Institute was stated to be in possession of about
30 acres of land near Chromepet and that it had purchased
2 Hangers and tiled sheds sufficient to house it in the — Do —
initial stages. It was estimated that an initial expendi- M' p5 y (Y)
ture of Rs.5 lakhs (in addition to Rs.2 lakhs incurred in
the acquisition of land and sheds at Chromepet) would N' p5 y
be sufficient to start the above.two courses. and this was proposed to be met by public donations, The Institute
requested handsome grants for this purpose from the N' p.5 y (Y)
Dominion Govt. as well as Provl. Govt.

2. The D.I. & C. who was consulted in the matter p.7 y (Y)
reported that the intentions of the Madras Institute p9 y (Y)
of Technology were no doubt laudable, but that the question
of granting handsome grants did not arise at that stage — Do —
and that he was unable to say whether grants if given L
would be usefully spent. He also stated that the question — Do —
should be considered only after the Institute started work
and after the Technological Diploma Examination Board was
satisfied that the Institute had attained a reasonable
standard. This Govt. was of the opinion that the question p12 y (Y)
of grants may be considered after the Institute started
work and attained a reasonable standard. The views of the
D.I. & C. at 'L' above were therefore forwarded to India p11 y (Y)
in July 1948. It is not known whether the Institute has
started work. ~~I and~~ It is for orders whether the D.I. & C.
will be consulted again in the matter in view of the
~~Dxfxx&xx~~. Prime Minister's letter on p.1 c.f.

Ong
30.11.48

CPG
30.11.48

J/S.

HM Edn
HM (Edn)

Messrs C. Rajam & L. Venkatakrishna Rao

C1

3

me yesterday in connection with this scheme. I pointed out to them that they had asked us so far only for assistance in getting the land, buildings & hangars, which we had freely given & that if they wanted any further assistance, they should tell us precisely what they wanted. Their requests are given below:

100

1. Finance. The original idea was that Mr. Rajam would give a donation of Rs 5 lakhs (which has been given) & that public donations would amount to Rs 2 lakhs. This latter amount has proved to be an over-estimate. The subscriptions so far amount only to Rs 10,000. At the same time, encouraged by the reactions of the Central & Prov. Govts, the promoters have decided to add aeronautics & automobile engineering to the courses. They therefore require another 10 lakhs. They think that the Central Govt will give a grant if we give a like amount. I suggest therefore that the Central Govt. shd be asked to agree to a contribution not exceeding Rs 5 lakhs from out of savings in the Post War Dept fund, if any. I am sure that there will be savings. We must be prepared to give a similar amount. To ensure that the money is properly spent, HH (Ind) may be an ex-officio member of the Council of Management. A B

2. Controlled building materials. Cement, steel. I have asked for details & will see that these are supplied.

3. Timber at concessional prices. This will be considered sympathetically on receipt of an application.

4. Equipment. Here again, details may be awaited. They want only import assistance. N M

5 Acquisition of land. Proposals are pending with DP, & may be expedited.

Ed. H & Fin may see before circulation with Draft reply to the Prime Minister of India. P

3/12

E.P.H./Fin

Dewt No 12658 6DT/48 3.12.48 (with a booklet)

ASST. SECRETARY TO GOVERNMENT
90540
3 DEC 1948
4. A.S.
EDUCATION AND PUBLIC HEALTH

2

AB

Devt grant - Accounts B.

E & P. H. dept

The minute on page ~~2~~ 1 ante and the notes following may be perused and the file ~~returned~~ ~~[illegible]~~ passed on to Finance

BM
3/12/48 S

Edn & P H. DO.
905 DO/48-1-Edn
3-12-48.

ADDITIONAL DEPUTY SECRETARY
4 DEC 1948
103803
FINANCE DEPARTMENT

Finance(Accts.B.)

Please see the notes from p.1 above.

2. When the Institute last applied to the Madras Government for financial aid, the Director of Industries & Commerce was of the opinion that it was premature to sanction assistance to the Institute at that stage when it was still in the process of development and that the question of a grant should be considered only after the institute started the work to the satisfaction of the Technological Diploma Examination Board. The Institute was informed accordingly by this Government--Please see pp. 9 & 11 of Letter No. 40220/DI/48-3 Dev dated 28-7-48. The question has now been re-opened at the instance of the Prime Minister of India.

p 9 of (Y)

(Y)

See D.O. in CF.

It will be seen from Development Joint Secretary's note at 'A' on p.3 above that the Institute requires a grant of Rs. 10 lakhs, that the Central Government may be asked for a grant of Rs. 5 lakhs from out of savings in Post-War Development funds, if any and that this Government should be prepared to give a similar amount. It is submitted that the Government of India who previously sanctioned a Development grant of Rs. 26.75 crores to Provinces for P.W.R. and G.M.F. schemes have since reduced it to Rs. 17.55 crores in the context of anti-inflationary measures and the reduced resources available to the Centre in the current and next years. It will be difficult for the Government of India to say now whether there will be savings in their grant to Provinces this year or next year. In any case, it does not seem necessary

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5

5

to suggest to the Government of India the source (e.g. Savings from P.W.R. funds) from which they will make their grant available, seeing that the amount involved is after all only Rs. 5 lakhs non-recurring.

A more appropriate course would be to treat the proposal as a P.W.R. Scheme and ask for the approval of Government of India, Development Board. If, as is presumed ~~xxxxxxxxxx~~, they approve, 50% of the grant to be made by this Province to the Institute in the current or the next year may be recovered from the Central grant. Development (P & D VI) should see on this point.

Ci

K

101

3. No remarks are called for in Finance at this stage on the other proposals at 'N' on p 3 above

× 4 P of the notes [illegible] p 3 above

4. Devt. will no doubt circulate the case to H.I.(Fin) also

Rs.
4.12.48

4-XII-48

Ci
4.12.48

4/12/48

~~B.S.~~/Secy

Thro P.W.R

4/12/48

The institute will apparently not be a Govt. institution. But there seems to be no special reason why a grant to a private institution shd not be treated as a P.W.R. scheme. Details may .. be worked out & the Govt. of India addressed to approve the scheme as a P.W.R. scheme. There is strictly no such thing as savings from the P.W.R. grants, as the Govt of India are expected to give a total grant of a certain amount over a series of years & to the extent ~~[illegible]~~ that we spend less in one year more ~~[illegible]~~ shd be available in future years. So far as this year is concerned the provision has been reduced to Rs 3.25 crores including grants for G.M.F. schemes & it is probable that we will be eligible for this grant ~~to [illegible]~~ even if we are not able to spend as much on P.W.R schemes this year as we originally anticipated

8-12-48 Dev

ASSISTANT SECRETARY TO GOVERNMENT
DEC 1948
DEVELOPMENT

Fin. U.O. No. 103803 AB-1
6-12-48.

130061

Dev (DI)

To AS P&D VI may be requested to offer their remarks on the suggestions of Finance at 'K' and 'L' p. 5 above.

Through P&D VI

7.12.48.

Development (P&D VI) Department.

There is no objection in treating this scheme as a postwar reconstruction scheme and addressing Government of India for approval. If approved and included in the programme, the scheme will be eligible for financial assistance from the block grant to the extent of 50% of the actual expenditure incurred by the Provincial Government. It may however be mentioned that the Government of India are now engaged in reviewing even 'accepted' schemes with a view to defer or curtail expenditure on such of them as are unproductive or could be postponed without detriment to national welfare. However, in view of the special circumstances of the case, it is possible that they may make an exception in this case and agree to include it in the programme although it is a new scheme.

X

7/12/48

Devt. Deptt. DI

(Summary)

TO A.S.

The letter from the Prime Minister of India on p.1 c.f, the orders of H.M.(Edn) on p.1 above, and notes of this Dept. on pp-1-3 above may be perused. The further Communication from Sri L. Venkatakrishna Iyer on pp.5-13 c.f. furnishing detailed information regarding Madras Institute of Technology may ~~be~~ also be perused.

The Madras Institute of Technology have requested ~~for~~ a grant of Rs.10 lakhs from the Central and Provl. Govts. and also other assistance for getting building materials, timber, equipment, acquestion of land ~~law~~ etc.

'S' p9 C.F.
'A' p3 above
pp11-13 C.F.
& 'N' p3 above

This Dept proposes :-

1) That the central Govt. should be asked to

B

'A' p3 above

agree to a contribution not exceeding Rs.5 lakhs to the Madras Institute of Technology from out of savings in the Post war development ~~and~~ funds, if any, and that the Provl. Govt. may give a like grant.

'B' p3 above

2) that H.M.(Ind) may be an ex-officio member of the Council of Management of the Institute to ensure that the money is spent properly;

'N' p3 above
pp11-13 C.F.

3) that Action may be taken separately on the requests of the Institute for ~~bringing~~ buildings materials, timber etc. on receipt of details.

102

p6 above
pp4-5 above.

E. & P.H. have not offered any remarks on the proposals of this Dept. Finance agree to this Dept's proposal that the central Govt. may be asked to give a grant of Rs.5 lakhs to the Madras Institute of Technology and that the Provincial Govt. may also give a similar grant of Rs.5 lakhs. They suggest however that it ~~does not seem~~ is not necessary to suggest to India that their grant may be paid from savings from Post War Reconstruction Funds.

'D' pp4-5 above

'K' p5 above

A

Fin. also suggest that a more appropriate course would be to treat the proposal as a Post War Reconstruction scheme and ask for the approval of the Govt. of India and that if they approve, 50% of the grant to be made by this province to the Institute in the current ~~&~~ or the next year may be recovered from the central grant.

p.6 above

(Development P&D Branch (who deal with Govt of India Grants for P.W.R. Schemes)) ~~Govt. P & D VI~~ have stated that there is no objection to the suggestions of Fin. at 'A' above, and that if the scheme is approved by India and included in the programme, it will be eligible for Financial assistance from the block grant to the extent of 50% of the actual expenditure incurred by the Provl. Govt. P & D ~~VI~~ branch, also state that though India are now reviewing even accepted schemes with a view to defer central expenditure, they may agree to include this new scheme in the programme in the Special circumstances of the case.

p6 above

B

It appears that in order to get a half grant of Rs.5 lakhs from India this Govt. should make an initial grant of Rs.10 lakhs to the Institute.

It is for orders

1) whether a grant of Rs.10 lakhs will be sanctioned by this Govt. to the Madras Institute of technology; and

2) whether the scheme will be treated as a new Post-war Reconstruction scheme and the Govt of India addressed for a half grant.

[DTI]

8

Dev. C.N. 126586 D.I./48

3) whether the H.M.(Ind) will be an ex-officio member of the ~~Communcil~~ council of management of the Institute to ensure that the money is properly spent.

After orders are passed, a draft reply to the Prime Minister of India will be submitted for approval.

As regards otheritems of assistance for the Institute regarding building materials, cement, timber etc. detailed at 'Z' on pp.11-13 c.f. action may be taken separately in the concerned sections.

~~83~~ 36
7/12

B

Through P&D VI
('B' p.7 above)
8/12/48

8.12.48

CPG AS AD III/J.S.
9.12.48
9/12/48

HM (Ind)
HM (Edn)
HM (Fin)

1 to 3 above may be agreed to

(P.1 CF)

HM (Ind) 10/12
HM (Edn)
HM (Fin)
HM

We must follow some principle in giving these grants. We are likely to get other institutions of the same nature. In fact there are proposals for two more institutions--one for an Engineering College at Karaikudi and another for an Engineering College by the P.S.G. Institute in Coimbatore. We will be safe in putting them on the grant-in-aid basis as usual. If it is of the Collegiate grade, it may be treated as an institution like Engineering Colleges and admitted to aid at 50 per cent i.e., we may have to give them Rs.5 lakhs and we may write for this to be included in the Post-war Development Schemes so that we may get ~~50~~ 50 per cent for our grant. We may leave the Govt. of India to pay what they like to the institution.

C

TSA
9.12.48

16.12

Examine the proposals and put up.
G.P.R.
6/1/49

HM (Ind)
7/1

C.N. 126586 D.I./48

9

The matter was taken up to send a reply to the Prime-Minister. I should like to know the views of HM (I) in the matter. If he agrees with the views of HM (Edn) we can send a reply on those lines:

8/1/49

D3

Discussed with HM on 8/1.

~~Draft~~ D.O. as indicated may issue from HM. Once the policy be followed in such cases, with special reference to possible demands from the similar institutions and be finalised

10/1

D

HM (Ind) 11/1/49

for HM 19/1/49

P17CF.

(Recd 24-1-49 (Memo))
vide Z p15

[Issued as D.O. [~~on 126586 DI/48~~] dated 20.1.49]

TO AS

~~Greater~~ The D.O. to Prime Minister of India on p.17 CF may be perused. With reference to the minutes of HM (Edn) at ... above and orders at 'D' above, E&PH and Finance may see again for remarks with reference to the policy to be followed in similar cases. It is also for consideration whether the D.P.C. will be consulted at this stage.

A

With reference to 'B' p.8 above, extracts may be ~~given to~~ sent to Revenue Depot (~~with a~~ regarding assignment of land), PWD (regarding cement) and to C II and L sections (regarding supply of timber, iron & steel etc). ~~Remarks~~.

Vide Z ... 13 ...
Extracts sent to Rev. P.W.D. Land C II Sections
CPG 26.1.49

With reference to 'M' p3 above, the Madras

G3

10 Institute of Technology have not made any specific request in their letter on pp5-13 cf. Necessary action may be taken when they furnish details.

CPP
26.1.49

For orders.

With regard to 'A' on page 9 above, please see the minutes of HM(Edn) at 'C' on page 8 above. It seems appropriate that the question of policy should be examined in the E&P.H. Department, to whom the file may be transferred

25.1.49

CPG
26.1.49

ERA

Develop† No 126586-D.I/48-5
27-1-49.

27 JAN 1949
7870

E.& P.H.(G.3)

Please see the minutes of H.M.(Edn), H.M.(Fin) and ~~NxRxxx~~ H.Pr. on p.8 ante and the notes of Devt.Deptt. on p.p.9-10-ante. The file has been transferred to this Deptt. with reference to 'A' on p.9 ante viz. regarding the policy to be pursued in the matter of grants to institutions of the kind of the Madras Institute of Technology. H.M.(Edn) in his minutes on p.9 ante, by the expression "Engineering College at Karaikudy" presumably means the Electro-Chemical Research Institute at Karaikudy, for which an extent of about 300 acres is proposed to be alienated from out of the extent of over 600 acres acquired for the Alagappa Chettiar's College at Karaikudy. But no application for grants ~~from~~ for that Institute has been received in this Dept. As regards the ~~RxSxGx~~ Engineering College proposed to be started by the P.S.G.& Sons Charities, the management recently made a request to Govt. for building grant and have, in reply, been informed that they ~~the application of the Institute was considered and the Director was informed that he~~ should first move the University for affiliation for the proposed Engineering College and then submit the necessary application for grants to the

PTO

D.P.I. - vide copy of memo. at (M). With reference to the policy of grant in such cases, ~~xxnrxftxmmm~~ a copy of the minutes of H.M.(Edn) may be sent to the D.P.I. for remarks. A draft ~~mmmmx mmm~~ memo. is submitted for approval.

104

VBS
28/1/49

~~28.1.49~~
29.1.49.

The objects of the proposed Institute are specified at K on page 3 cf. The papers do not indicate that there is any intention to get the institute affiliated to the University. In the Memo dated 25-1-49, the Director of the P.S.G. & Sons Industrial Institute, Coimbatore, has been informed that the question of payment of grants for the proposed Engineering College at Coimbatore will be considered after it has been affiliated to the University.

(M)

The Director of Industries and Commerce has stated that the question of payment of grants for the proposed Institute may be taken up after it starts work and the Technological Diploma Examination Board is satisfied that the Institute has attained a reasonable standard. It does not appear that this Dept. should take over this file, as the Institute does not propose to train candidates for degree courses.

p 99 (Y)

Typed copy of E&PH Secy's notes on pp11-12 below, is put up at (B)

2/2/49

S We deal in this dept. only with recognition of aid in the upkeep of institutions under the control of the D.P.I. or recognised by the University. It does not appear that the Institute at Karaikudi (mentioned by the H.M.(Fin)) will come under this category. The proposed Engineering College at Coimbatore, contemplated by the PSG Institute might come under it as it seems to be designed on the same lines as the existing Engineering colleges affiliated to the University with which we are concerned. However the institution in this file does not propose to give degree courses [illegible] & does not, so far as we can see, [illegible] seek affiliation with the University. It appears to be more in line with the Polytechnics (run by the D. of I & C.) & private technological institutes (e.g. P.T. Lee Chengalvaraya Naicker's institute) which are under the control of the D. of I & C. This case will therefore have, I think, to be dealt with in Dev: dept.

With reference to ~~A~~ at pg. 8 ante I do not think there is any objection to treating the proposals made by Mr. (Dev.) & the institution as of 'collegiate grade' & (please see 'p' at p. 4 ante) to apply to it the principle of half grant for building & equipment usually applied to institutions aided by the Edn. dept., giving a grant of Rs. 5 lakhs for equipment now ... the scheme includes a P.W.R. scheme

3/2/49

Dev.

ASSISTANT SECRETARY TO GOVERNMENT
4. FEB 1949
DEVELOPMENT DEPARTMENT
12560

E & P.H. U.O. No
7870/893/49-1
3/2/49

M

Dev (DI)

To AS (notes from the bottom of p. 6 above)

E & P H Dept notes on pp 10-12 above may be perused. It is not clear whether the Madras Institute of Technology proposes to run degree courses and will seek affiliation with University or whether it will be in line with the Polytechnics and other private technological institutes under the control of the D I & C. If it is of the latter category it will be eligible for building and equipment grants from the Industries Dept as other private industrial institutions. It is for consideration whether before deciding ~~the policy regarding~~ the grant to be given to the Institute, ~~the~~ Mr C. Rajam will be consulted on 'A' above and ~~the~~ whether the D I & C also may be consulted in regard to the grant of Rs 10 lakhs

A

vide p. 94 C.F.

C p. 9 C.F. now requested by the Institute.

After orders are passed a draft will be submitted for kind approval.

B

Mr Rajam may first be consulted with ref. to the point at 'A'

9.2.49

CPG
11.2.49

IDS

To AS A draft letter to Mr C. Rajam is submitted for approval

CPG
12.2.49

11.2.49

p. 17 cf
p. 23 cf

Issued as ~~#~~ Letter No. 12560-D.I/49-1. d. 12-2-49.
From the Secretary, Madras Institute of Technology, Ref. F.A and R: R-1/91:3. dated 23-2-49.

To AS

With ref. to the point raised at 'A' on p. 12 above, Mr Rajam of the Madras Institute of Technology was consulted and attention is invited to the letter from Mr Subbaraya Iyer, Secretary, Madras Institute of Technology on p. ~~21~~ 23 cf. The Secretary has stated that the Institute which will give specialised training in specific items of higher technology proposes to seek affiliation to the Madras University and that two of the members have already had preliminary discussions with the Vice-Chancellor on the subject. He has also stated that pending affiliation to the University, the Institute will seek the co-operation of the Industries Dept in the work of the Institute as its work and curricula are most nearly allied to it. ~~Of course~~ The co-operation of the Industries Dept. may be made ~~[illegible]~~ available ~~for the~~ carrying on the work ~~working~~ of the Institute. However, ~~as~~ the ultimate aim of the Madras Institute of Technology is to get it affiliated to the Madras University, it is for

p. 17 cf

A p. 23 cf

— Do —

B. p. 23 cf

14

~~G4~~ G3

orders whether this may be sent to E.P.H. for further action with reference to orders at 'C' p8 above and M. p.12 above.

18/11/8/49
3

3.3.49.

CPG
4.3.49

S 4/3

CPH
4/3

Developt no.
no/12560-D.I/49.2
49.

ASST. SECRETARY TO GOVERNMENT
16/3
PUBLIC HEALTH DEPT.

E.& P.H.(G.3)

This Deptt. last noted on p.p. 10-12 ante. Attention is particularly invited to the Secretary's note on p.p. 11-12 ante. In view of what Devt.Deptt. now say, E.& P.H. xxx need not object to taking over this file, as it is stated that it is proposed eventually to have the Madras Institute of Technology affiliated to the University of Madras. As regards the question of Govt.aid, H.M.(Edn) has suggested that (1) the institution may be treated like Engineering colleges and be admitted to aid at 50%, i.e. a grant of Rs. 5 lakhs may be made, and (2) the scheme pertaining to the Institute may be included in the Post-War Development Programme of the Central Govt, so that this Govt.may get 50% of the grant they make to the Institute. At M on p.12 ante this Deptt. have observed that there is no xx objection to these proposals being accepted.

pp 12-14 ante

Compare

Attention is however invited to the Finance Departmant's note on p.p. 4-5 ante. With reference to those notes, they may be asked to offer remarks on the proposals contained in the minute of H.M.(Edn) referred to above. Devt.(P.& D.) may also see as the proposal xxxxxxx is to have the scheme included in the Post-War Devt.Programme. Devt.(P.& D) and Finance may see the case, before circulation

B

E.&P.H.(Gen)
U.O.No.7870-P/2/49-2
11/3/49

VRS
8/3/49

8.3.49

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S / 11/3

Dev.(P.D.)

Todly D 13/3

Dev 27380 P.D.V.
12.3.49

15

PWR

Devt (P&D V)

The file has been sent to this deptt for remarks on the question whether the scheme relating to grant to the Madras Institute ~~School~~ of Technology can be treated as a P.W. devt. scheme eligible for financial assistance from the Central grants. Attention is in this connection invited to this deptt's note on p 6 ante. No other remarks seem called for. The file may be passed on to Finance.

'B' on p.14 above

18/3/49

18.3.49

19/3/49

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Dev U.O. 27380 P&D V/49-1
19-3-49

ASSISTANT SECRETARY TO GOVERNMENT
18685 PWR
19 MAR 1949
FINANCE DEPARTMENT

(4)

p9 ibid

Finance (P.W.R.) Deptt.

Please see the previous Finance note on pp.4-5 above and the orders in circulation on p.8 above.

With reference to Hon'ble Premier's minute on p.8 above, the proposal for making a non-recurring grant of Rs 10 lakhs to the Madras Institute of Technology for equipment has now to be examined on its merits. Attention in this connection is invited to the remarks of the Director of Industries and Commerce on p.9 of Development letter No.40220 DI/48-3 dated 28-7-48. He stated that the question of making a handsome grant might be considered only after the Institute starts with work and the Technological Diploma Examination Board was satisfied that the Institute had attained a reasonable standard. These remarks were made about 9 months ago. It is not clear whether the Institute has since made any great headway in its development and whether a ~~general~~ Govt grant will be necessary at present. Finance may suggest that the D.I & C. may be asked to inspect the Institute and make to his recommendation whether the Institute is now ripe for receiving a ~~general~~ Govt grant and if so on what basis and for what amount.

C&M 24.3.49

2. As regards the question whether the proposal may be treated as a P.W.R. Scheme, please see portion X in Development (P&D)'s note on p.6 above. Finance may suggest that after obtaining the Director's recommendations on the Institute's request for a grant - see para 1 above - it may first be examined whether there is ~~[illegible]~~ a case for the sanction of a grant at present. If there is a case, Govt. of India may next be addressed for treating the proposal as a Post-war Development Scheme, eligible for their financial assistance. If they agree, a decision may ~~then~~ be taken by this Govt. to make a grant. If the Govt. of India decline to treat this as a P.W.R.Scheme, the question may then be considered whether the grant may be met entirely from Provincial ~~Post-war Development~~ Funds ~~or the~~.

3. In any case, if it is proposed to make a grant, the proposal will have to be treated as a 'New Service' and placed before the S.F.C. and the Cabinet for approval. The previous sanction of the Legislature should also be obtained (for a supplementary grant!) (The question whether the ordinary (financial) procedure or the special procedure applicable for cases of extreme urgency may be followed, may be decided later)

(x as the amt. of non-recurring grant exceeds Rs10,000)

24.3.49

Thro' Exp.A.

24.3.49

C&M 24.3.49

~~ADS~~/Secy.

For addressing the G of I, information will be required as to the present stage of the scheme, i.e. whether the institution has commenced working and if so, details as to its working. It is not clear whether the institution will be under the control of the E.P.H. or the D.P.I. if it is affiliated to the Madras University; probably the ~~latter~~ former. It seems necessary to get a full report from the Head of the Dept. concerned regarding the institution and its aims, ~~and~~

G3

the purposes for which a grant is to be made, the amount of grant required and the basis on which the grant is to be made. The E&PH may kindly take action to get these particulars ~~from~~ through the Head of the Dept. concerned. Orders may then be taken in circulation including H.M. Fin & H.Pr as to the grant to be made by this Govt. and the G of I addressed for a Central grant equal to half the grant to be made by this Govt. The appropriate financial procedure will also have to be followed before finally sanctioning a grant to the institution.

25.3.49

26.3.49. E&PH

24473

ASST. SECRETARY TO GOVERNMENT
28 MAR 1
EDUCATION AND PUBLIC HEALTH DEPT.

26.3.

Fin. No. 18685/Plan-1
26.3.49

107

E.& P.H.(G.2)

(This Department notes on p.14 ante, Devt.(P.& D.) notes on p.15 ante, and the Finance Deptt. Note on p.p.15-16 ante may be perused). ~~Devt.(P.& D), merely reiterate their previous note, viz. that they have no objection to treating the present proposal as a Post-War Devt.Scheme and addressing the Govt.of India for a grant for the purpose, that the present policy of the Govt.of India is to curtail expenditure on unproductive schemes or defer expenditure on schemes which can be postponed and that in view of the special circumstances in this case, the Govt.of India may agree to the inclusion of the scheme in the Post-War Devt.Programme.~~ Finance state that for addressing the Govt.of India, details regarding the present stage of the scheme and other ~~details~~ particulars are necessary and that the head of the Deptt. may be addressed to furnish full details in the matter, viz. the amount of grant to be made and the basis on which it is to be made etc. They state that after obtaining the above details orders may be taken in circulation including H.M.(Fin) and H.Pr. as to the grant to be made by this Govt.for the scheme and also for addressing the Govt.of India for a central grant to the institution. For orders whether the D.P.I. may be addressed with reference to Fin.Deptt. note

PP16-17 ante

31/3/49

note; if so, the draft memo. below is for approval. ~~May be circulated to H.M.(Edn).~~

Please see below
12

VRS
29/3/49.

29.3.49

31-3-49

S (Orders in [illegible] at p. 8 ante; notes ~~ante~~ (Council))

Orders may first be taken in addition to the [illegible], even on the material we already have, a decision will be taken on 'A' on p. 12 ante, on whether, as suggested by him, further particulars should be obtained before a decision is taken.

31/3

H. (Cor.) ✓
H. (Edn.) ✓
H. (Fin.) ✓
H. Pr. ✓

We may generally agree that we may treat this institution as one of collegiate grade and give it half the net cost as recurring cost and such other grants for equipment and buildings, as may be possible from time to time. The Memo. to the D.P.I. may issue.

31/3

ISA
1.4.49.

2/4

3.4

2/5

[Issued as Memo No. 7870 G2/49-3 Edn dt- 26/4/49] PP 29-30 c/

The DPI has not sent his reply.
The draft reminder below is for approval.

VRS
29/5/49

30/5/49

[Issued as Memo No. 7870 G2/49-4 Edn
dt- 30/5/49 P33 c/

[Issued as Memo No. 7870 G2/49-5 Edn
dt- 20/6/49 P35 c/

C.No. 49741/49 From the DPI Rc No. 65602/48 dt-27/6/49.

The DPI states that the matter is under correspondence with the Principal, College of Engineering, Guindy, and that he will submit his report on receipt of a reply from him. The DPI's report may be awaited till 12/8/49. P37 c/

VRS
4/7/49

5-7-49

108

The DPI has not yet sent his report.
The draft ~~memo~~ reminder is for approval.

VRS
13/7/49

14-7-49

13.7.49

[Issued as Memo No. 7870 G2/49-6 Edn dt-14/7/49] P39 c/

The DPI has not yet sent his final report in the matter. A draft reminder is sub. for approval.

VRS
9/8/49

9.8.49.

E.& P.H(G.2)

P43 c/ (Issued as Memo.No.7870-G2/49-7 Edn., dated 11.8.1949)

C.No.66323/49. From the Council Member, The Madras Institute of Technology, dated 14.8.1949. P45 c/

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P45 c/ Extract of the minute of H.M.(P.W.) dated 15.8.49:--

"H.Pr.

The report of the D.P.I. must have been received by now. This may be taken up for early disposal".

Extract of

Extract of the minute of H.Pr. dated 19.8.49:--

"Examine the whole matter and put up. This will have to go to the Cabinet also" p45 c.f.

Please see the letter from the Council Member of the Madras Institute of Technology on p.45 c.f., its enclosure on p.p.47-49, and the minutes of H.M.(P.W.D) and H.Pr. thereon, extracted on p.p. 18-19 ante. The management of the Institute request ~~thatx~~ the early sanction of the equipment grant for the Institute. The D.P.I. has not yet sent his final report in the matter. ~~He~~ The draft reminder below is for approval. p69 c.f.

KS
31/8/49

~~31.8.49~~
1.9.49

1.9.49

[Issued as Memo No. 7870 G2/49-8 Edn dt. 1-9-49]. p59 c.f.

C No. 69125/49.- From the D.P.I. No. Rc. 656 D2/48 dt. 5/9/49 pp 61-62 c.f.

The case relates to the making of grants from the Provincial and Central Govt. to the Madras Institute of Technology which has been sponsored by a private Council of Management and which has recently commenced working.

2. In November 1948 the Prime Minister of India wrote to the Premier that he had seen the papers about the Institute, that it was a "worthwhile institution which might be able to do very good work in future," and hoped that this Govt. would help it. The Management of the Institute have made a request for lands and materials for the buildings and for an initial grant for equipment. The question of land acquisition is being dealt with in a separate file. Specific applications for building materials, if any, will be attended to as and when they are received. A decision is required in this file on the question of grants to the Institute. K p1 c.f.

3. Devt.(P.&D.) and Finance have noted that the Scheme may be treated as a Post-War Devt. Scheme. It has been decided in circulation that a grant of ten lakhs of rupees may be made to

(P.TO

to the institution and that the Govt. of India may be addressed for a half grant from the Central Fund. It has also been agreed by the H.M's including the Premier that the Institute may be treated as one of Collegiate grade and be given half the net cost as recurring grant and such other grants, as may be possible, for buildings and equipment for the Institute. With a view to helping the Govt. in arriving at a decision, the D.P.I. was asked to submit a report on the working of the Institute and as to the grant he would recommend to the Institute. p 18 ante

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4. The Director's reply is on pages 61-62 c.f. The D.P.I. ~~may h~~ has submitted his report on the subject and has also forwarded a report from the Principal of the Engineering College, Guindy, on the newly started Institute. The Director has stated that this is the first instance where a private body has decided to undertake a venture of this magnitude and that, for this reason, the Management deserves special consideration and assistance. The Directors comments and recommendations are summarized below:- pages 63-67 c.f. p. 62 c.f.

(i) There is at present practically no laboratory equipment. The purchase of mere workshop machinery, which the Management propose to make will not do but ~~then~~ all the equipment of an Engineering College and other equipment ~~necessary~~ required for the specialized courses to be offered at the Institute will ~~be necessary~~ have to be secured. p. 61 c.f.

(ii) There are four retired officers of the P.W.D. who handle Engineering subjects and the other subjects are ~~handed~~ taken by junior members of the grade of Asstt. Lecturers. Visiting Lecturers have been appointed to teach Electronics and Theory of ~~Science~~ Structures. No arrangements have been made for the teaching of Geology though the subject finds a place in the syllabus. p 61 c.f.

(iii) The initial endowment of Rs. 5 lakhs (by Sri C. Rajan).has been fully utilized for the sites, buildings and equipment. Though a fee income of Rs. 75000 is expected annually, yet this amount is not sufficient. It may not be possible to meet the recurring expenditure of the ~~Insti~~ Institute p61 c.f.

PTO

Institute from the fee income and a substantial contribution will be necessary both from the Govt. and the Management, particularly as it is the intention of the Management to secure the services of experts from abroad.

p61 y

(iv) The immediate requirements in the matter of equipment are estimated to be for Rs. 12 lakhs. It is not possible to comment on the correctness of this estimate, in the absence of details.

– bottom on p61 y

(v) It will not be possible to make any specific recommendations regarding the extent of the help to be rendered, the courses not having been recognized and no technical advice being available regarding their suitability and there being no comprehensive scheme giving details of the courses of study, the number and qualifications of the staff that will eventually be employed and the buildings and equipment which will be necessary.

p62 y

(vi) Before coming to a final decision, the Govt. might consult the University. In addition, a Committee consisting of experts in the five specialized courses proposed to be introduced namely Electronics, Instrument Technology, Aeronautics, Automobile Engineering and Motion Picture Engineering may be constituted and their opinion obtained.

p62 y

5. The following remarks seem to be called for on the Director's suggestions and criticisms in respect of the Institute.

(i) It is clear from the correspondence and the report at flag (L) below that the Management relaizes the need for equipment. Orders are stated to have been placed for machine tools and workshop machinery. The management state that equipment of the value of Rs. 12 lakhs will be immediately necessary. The scheme is new and the venture is big and it will naturally take some time for the managemet, even if it had the necessary funds, ~~ready~~ before it could secure all the required equipment. The Institute is to be modelled on the Institute of Technology, Massachusetts, U.S.A. The Director's objection in this regard does not seem to be serious, as it will take time for the management to secure equipment from abroad.

M on p11 y

M – pages 8-11 y

p 8 y Report (L)

(ii) As regards staff, here again, there is bound to be difficulty. The subjects of study are Electronics, Instrument Technology, Specialised

p62 y

PTO

Mechanical Engineering, Aeronautics and so on. It will not be possible for the Management to obtain foreign Professors in these subjects so soon. Two Professors are to be obtained, one from U.S.A. and the other from Germany. In the nature of things it will take some time for the Institute to have immediately the full complement of qualified Professors and Lecturers on a permanent basis to teach the subjects. The staff of the Institute now consists of 16 members of whom five are visiting Professors. The Management may be informed of the need to secure suitable Professors, by advertisement or other means, for the teaching of the subjects in the syllabus and to pay them adequate salaries, and it may also be made clear that visiting Professors should be replaced soon by permanent qualified men.

p3 y (L)

pages 1-2 y (L)

(iii) With regard to finances, the position is that the initial endowment of Rs. 5½ lakhs ~~and~~ has been spent and ~~[illegible]~~ the Institute has at present Rs 2 lakhs. ~~have been spent and that~~ The Institute is in immediate need of funds for the purchase of equipment to the tune of Rs. 12 lakhs. The requirements of the Institute in this regard are given on pages 9-10 c.f. The Director states that he is unable to comment on the correctness of these estimates. The Institute is stated to be on the model of the American Institute of Technology. Doubtless, the Council of Management will develop the institution on the lines of the other institution, as far as possible. If the institution is recognised for purposes of Govt. aid it may be asked to give full details of the Laboratory equipment which it is proposed to obtain ~~and to produce~~ ~~on obtain~~ and to produce vouchers, ~~after~~ for the equipment which has been obtained. According to the report at flag (L) below, the ultimate expenditure that will have to be incurred to bring the institute functioning to full capacity in a period of two to three years will be come 45 lakhs of rupees. The Management expects to make up this sum by collections, if the Govt. could give an initial grant of Rs. 10 lakhs.

pages 8-11 y

p-61 y

p4 y (L)

As regards the recurring cost, the Govt. may agree

(PTO)

with the Director that the fee income of Rs. 75,000 will not suffice and that substantial aid will be necessary both from Govt. and the Management's own resources.

p 61 y

With reference to points (v) and (vi) above there seems to be no objection to the Management being asked to submit a comprehensive scheme for the Institute, its complete courses of studies ~~etc., of~~ details of the qualifications, number of members ~~of~~ etc. of the staff which it will employ in due course, its scheme of the diplomas to be awarded at the end of the courses etc. The scheme being new and the post-graduate courses of studies being higher than those at present offered in the institutions within this Province, there does not appear to be any question of affiliation by the University. The University will find it difficult to offer any opinion on the new Institute, if it were consulted, as suggested by the D.P.I. No useful purpose will therefore be served by that consultation. Nor does it seem to be necessary to constitute a Committee of experts from outside the Province for the purpose of advising the Govt. in this ~~Institution~~ matter. After the Management submits a more detailed scheme as suggested above, the Govt. of India may be addressed for aid from Central Fund, as already proposed. When this is done, the Central Govt. are likely to take advice from the All India Council of Technical Education.

p 21 ante & p-62 y

R p 62 y

-ibid-

6. It does not appear, in view of what is stated above, that the further consideration of the scheme need any longer be held up. As already agreed to by Devt.(P.&D.) and Fin., the scheme may be treated as a Post War Scheme. According to the orders in circulation on p.18 ante, half the net cost may be given by Govt. as recurring grant and such other grants as may be possible, may be given from time to time for buildings and equipment. The present Premier recently opened the Institute and H.M.(P.W.) is on the Council of Management. In view of the very desirable nature of the institution, ~~in the interests~~ and of the fact that it will promote the ~~of~~ industrial development of the Province, it is for consideration

K pages 5-7 ante & 15-16 ante

R

(a) whether the institution may be recognized for aid by Govt;

CPTO

(b) whether a promise of a grant of Rs. 10 lakhs (non-recurring) may be made by the Govt, the G. of I. being informed that this will be subject to their bearing half the amount;

(c) whether an advance grant of Rs. 1 lakh or such other sum as may be decided on, may be made in the current year subject to the condition that the management produces a comprehensive scheme as suggested above and also to the condition that if at any time the Management are unable to continue the institution the assets are transferred to the Govt;

(d) whether the payment of a recurring grant as already agreed to in circulation may also be made, after the balance sheet is known; and

(e) whether the matter should be discussed in Cabinet. ✓

p 18 ante - H Pr's minute p 45 y

7. Devt. & Finance may see the case before circulation.

14.10.49

We are not advancing fast enough on this proposal and the D.P.I's reply received after several months is to the effect that though the institution is deserving of support, it would be necessary to consult the University or a body of experts for committing Government either to the recurring or non-recurring grants.

M 61-62 cf

I have seen Mr. Rajan and the Principal of the Institute who say that the buildings for the institution has largely been completed (except for Aeronautical and Automobile Engineering) and is running on a strength of 85 students in the first year course. The final syllabus is under preparation in consultation with leading scientific authorities including Dr. Krishnan, and will be finalised before the end of the calendar year. The Institute requires a sum of 10 lakhs in order to acquire the equipment required for the second year course. They expect that if this Government makes a contribution of Rupees five lakhs, an equivalent amount has been promised by the Govt. of India, which will be in addition to the Block-Grant already made to the Province.

M

The question for consideration is whether we should immediately make a contribution of 5 lakhs. The late Minister noted that in making grants to such institutions, we should be guided by a definite policy, as there are likely ~~found~~ to be other Institutions which will claim similar help. This argument is no doubt sound; but we have also to consider whether we cannot learn by experience in respect of a new Institution like this in which large donations already made (Rupees 7 lakhs) are evidence of the earnestness of the promoters. We would therefore be justified in making this Grant provided:

p 8 ante

(1) the institution agrees to submit the syllabus to us and to the University in due course for recognition of the courses of study;

(2) the management of the Committee contains a sufficient representation of Government which may be of the Minister for Public Works and the Minister for Industries. It may be mentioned that the present Minister for Public Works ~~Education~~ is already a Member of the Council of Management. In addition, the Director of Industries, ~~and~~ the Director of Public Instruction and the ~~xxxxxxx~~ Chief Engineer to Govt., may be ex-officio Members of the Council of Management. This would assure that the Grant which Government is making is spent according to a proper policy of development.

(3) that subject to exceptions which may be required in order to attract donations, the policy for admission to the Institution should conform to the general policy of Government in this matter.

Development and Finance may see for early remarks.

Dev
Fin

15/4

Edn Memo 78709/49-9
Edn
15/10/49

102583

27

Develpt Dept
D I

PWR

This Dept previously noted on p. 15 above. The notes of the E & P.H. from p. 20 above may be perused on pp. 25-26 above. This ~~Dept may~~ agree with the views of E & P.H. ~~and the file passed on to Finance~~ The file may be passed on to Finance.

19/10/49
19.10.49.

thro ~~p. D. V~~
25/10/49

112

With ref to '~~K~~' on p. 24 ~~25~~ ante, attention is invited ~~to the~~ to the Fin Memo No 57293-A/P.W.R.-3 at ⊗ dt 12.10.49.
In view of the reduction in central grants this year and the possibility of receiving no grants next year, it does not appear that any special advantage will be derived by treating this Scheme as a post-war Development Scheme. The better course appears to be to address the Govt of India for a grant outside the block grant — Vide 'M' on p. 25 ante. Fin(P.W.R.) will no doubt examine this point further.

25/10/49
25/10/49

'M' on p. 1 of ⊗ and L on p. 2 of ⊗
Separate file, [illegible]

25/10/49 AS III / S / Fin
2/10/49
26.10.49

Develpt No. 10/
102583 — D. I/49-1
26-10-49

ASSISTANT SECRETARY TO GOVERNMENT
71240 PWR
27 OCT 1949
FINANCE DEPARTMENT

Finance

Fin. (P.W.R.)

Please see the previous Finance note on pp.15-17 above and the summarising note of E.& P.H. Deptt. on pp.20-26 above.

The reports of the Principal of the Engineering College and of the D.P.I. show that the Madras Institute of Technology is not yet ripe for being admitted to the scheme of grants-in-aid by the Govt. The D.P.I. has therefore refrained from making any specific recommendation regarding the extent of help that Govt. might give. He has also

pp 63-65 CF
pp 61-62 CF
p62 CF

suggested that before coming to a decision on the question of financial aid that may be given by the Govt., the University might be consulted in the matter and that a Committee of experts in the 5 specialised courses proposed to be introduced (viz. Electronics, Instrument Technology, Aeronautics, Automobile engineering and Motion Picture Engineering) may also be constituted and their opinion elicited.

p62 cf

E.& P.H. however do not propose to consider any of the above suggestions of the D.P.I. and consider that a grant of Rs.5 lakhs may be made straightaway to the Institute provided (1) the Institute agrees to submit the syllabus to us and to the University in due course for recognition of the courses of study, (2) the management of the Committee contains a sufficient representation of Govt. which may be of the Minister for Public Works and the Minister for Industries etc, and (3) subject to exceptions which may be required in order to attract donations, the policy for admission to the Institute should conform to the general policy of the Government in the matter.

p26 abov

2. E.& P.H. Secy. has observed that the Institute requires a sum of Rs.10 lakhs in order to acquire the equipment required for the second year course and that if this Govt. gives a grant of Rs.5 lakhs, the Institute expects to receive an equivalent amount from the Govt.of India which will be in addition to the block grant already made to this Province. It is submitted that the position regarding postwar development schemes and their eligibility for financial assistance from the Central Block grant has since been altered. The Govt. of India have reduced their grant for Postwar development schemes for the current year from

M on p.25 abov

Rs.3½ to Rs.2½ crores and have also stated that they ~~are~~ will not ~~likely to~~ make a grant for Development Schemes for the next year. It is anticipated that as a result of intensifying G.M.F. schemes during the current year in pursuance of the revised policy of food production to attain self-sufficiency in food by about the end of 1951, the Central grant for G.M.F. schemes might be more than the minimum of Rs.1½ crores and to the extent this minimum is exceeded, there will be a corresponding reduction in the maximum allotment of Rs.2½ crores for postwar development schemes. This Deptt. has therefore issued stringent instructions in Memo. No.57293-A/PWR-3 dated 12-10-49 saying among other things that new postwar development schemes or alterations to the existing postwar development schemes which involve large capital expenditure or large additions to recurring expenditure should, as far as possible, be avoided. If the Govt.of India is to be addressed for approval to the scheme proposed in the ~~first~~ present case, they would probably have no objection to approve it as a new postwar development scheme, but it will be on the distinct understanding that it will not form the basis of any additional grant over and above the revised ceiling of Rs.2½ crores fixed by them. In case the Govt.of India approve the proposal, 50% of the grant i.e. Rs.2½ lakhs may be recovered from the Central Block Grant but this may be at the risk of denying the assistance to some other approved postwar development scheme already under execution. The ultimate result may possibly be that if a grant of Rs.5 lakhs is sanctioned, the entire amount will have to be found from Provincial revenues, whether the scheme is treated as a postwar development scheme or not. The present state of the finances of this Province, ~~as also~~ since its ways and means position having been adversely affected by the Govt.of India's decisions referred to above,

30

do not permit of taking ~~ever~~ up of new commitments.

In the circumstances Fin. may advise against the payment of a grant of Rs.5 lakhs to the Madras Institute of Technology.

Please see below
B
1.XI.49

3. As regards the remark made in E.& P.H. Secy.'s note (at M on p.25 above) that the Institute expects an equivalent amount of Rs.5 lakhs from the Govt.of India in addition to the Block Grant, it is submitted that the Govt.of India do not give 2 grants for a postwar development scheme, one from the block grant and the other out side it. For example, schemes eligible for grant from the I.C.A.R. are not eligible for financial assistance from the Central Block Grant also. In the present context of financial stringency it seems doubtful if the Govt.of India will agree to make a special grant of Rs.5 lakhs outside their block grant.

Cf K, p.20 above

As the Prime Minister of India is convinced about the good work of the Institute, the G.I. are likely to give a special grant of Rs 5 lakhs. B
1.XI.49

4. H.M.(Fin.) will no doubt see in circulation.

Thro' Exp. A
VKS
1.11.49.

D.D.
31.10.49.

The D.P.D. has remarked that this is the first instance where a private body has decided to undertake a venture of this magnitude and that for this reason the management deserves special consideration and assistance. As the Institute is expected to promote the industrial development of the Province, and as it is in need of a sum of Rs. 10 lakhs in order to acquire the equipment required for the second year course, this Dept. may, as a special case, agree to the G.I. being addressed to give a special grant of Rs. 5 lakhs and to this Govt. giving an equivalent grant, treating the scheme as a postwar development scheme, subject to the conditions proposed by Secy., E&PH., on page 26 above. In view of the urgency, Finance may suggest that orders may be taken in circulation including H.M. (Fin.) & the Premier. If the G.I. agree to treat the scheme as a postwar development scheme, the 'Two Services' procedure will have to be followed before sanctioning the grant.* B
1.XI.49
CRR
1.11.49

W.F. 71 p.62 C.F.

R, p.24 above

N, p.25 above

* Rs 5 lakhs to this Govt.

~~114~~ 31

Personally I feel that it is not worth-while pursuing the question of treating the question of grant to this institution as a P.W.R. It is clear that the Institute will require about Rs 10 lakhs & it is immaterial whether we give Rs 5 lakhs outside the P.W.R. schemes & leave the Institute to get another Rs 5 lakhs from the Govt. of India or whether Rs 10 lakhs is given as part of P.W.R. programme & we get Rs 5 lakhs out of the G.of I. grant for P.W.R. schemes. Actually there is the risk of a greater burden falling on this Province under the latter arrangement: for if it should happen that the total expenditure on P.W.R. & G.M.F. schemes including this scheme should exceed Rs ~~10~~ 8 crores, the G.of I. grant will be limited to Rs 4 crores i.e. more than Rs 4 crores will fall on this province & this is tantamount to our shouldering more than Rs 5 lakhs in respect of this scheme. On the whole ∴ it seems to me that nothing much is gained by treating this as a P.W.R. scheme in the present altered circumstances regarding such schemes.

As regards the merits of the case the Sponsors have already spent large sums of money on starting the Institute without any Govt. aid so far. Apparently they are now desperate. (The tone of Mr. Rajam's letter in L.F.⊗ suggests this – though it seems to me that the language used in the portion B on p.5 A C.F. in L.F. is rather unfortunate). A number of students have been admitted & they cannot continue

⊗ since added to this file – pages 71-75 C.F.

A p.75 C.F.

the second year course unless the necessary equipment is provided. The D.P.I. has raised a no: of relevant points. In particular the question of recognition by the University is an important one. But the University will certainly not ~~[illegible]~~ grant recognition until ~~it~~ it is satisfied that the buildings & the laboratory equipment required has been or will be provided. If ∴ the matter is put off by asking the management to furnish details of their proposals etc it is probable that the Institute will have to close down & all the money & effort put ~~it~~ into it so far will be wasted. The Institute appears to have evoked the sympathy of the Prime Minister of India & there is the general consideration that a private venture of this magnitude "deserves ~~[illegible]~~ some special consideration & assistance" as pointed out by the D.P.I. The students seem to be paying as much as Rs 750 a year as fees & this is an indication that the Institute may be able to manage without any recurring assistance when the initial equipment is provided. Whether taking all the above factors into account the Govt. will, in the present difficult financial situation, sanction a grant of Rs 5 lakhs is a point on which orders may be taken in circulation. If a grant is sanctioned it may be paid as & when orders for laboratory equipment ~~had been~~ are placed & have to be paid for

pages 61-62 c.f

pages 1, 15, 25 & 31 c.f

p62 c.f

p14 c.f (L)

New service procedure will have to be followed. H.M.(Fin) ~~[illegible]~~ will no doubt see.

3.11.49. E&P.H.

Fin. No. 71240 Exp A-1
3.11.49

ASST. SECRETARY TO GOVERNMENT, EDUCATION AND PUBLIC HEALTH DEPT.
3 NOV 1949

E.& P.H.(G.2)

(This Department note on p.p.20-26 ante, Devt.Deptt.note on p.27 ante and the Finance Department note on p.p.27-33 ante may be perused). Special attention is solicited to the ~~notes~~ ~~of the~~ Finance Secretary's note on p.p.31-33 ante. It is for orders whether this Government will make a grant of Rs. 5 lakhs to the Madras Institute of Technology towards the cost of its equipment scheme, the amount of grant being paid in instalments as and when orders are placed by the management for the laboratory equipment and paid for and leaving the Institute to get another Rs 5 lakhs from the Govt of India. In view of the pressing necessity for financial aid from the Govt. as pointed out by Sri C.Rajam in his letter on p.p.71-75 c.f. (since added to current file), it is for consideration whether the scheme for sanctioning a non-recurring grant of Rs. 5 lakhs to the above Institute may be treated as a very urgent scheme, and reference to the S.F.C. and Cabinet be waived and the grant sanctioned after taking orders in circulation to H.M.(E.& L), H.M.(Finance) and H.Pr. ~~and then/ circulating the case~~ a summarising note being circulated to the other H.Ms who have not seen the case. Steps will no doubt be taken in due course to obtain a supplementary grant.

H M (PW)

~~18/14~~

VRS
3/11/49

3.11.49.

4-11-49

85928

~~10~~/5/11

CNG. 7870/49

I may agree to a grant of 5 lakhs by the short ~~circuit~~ procedure, subject to the condition at page 26.

4/xi

H. Pr.

H.M (E & L) ✓
H.M (Fin) ✓
H.M (P.W)
H. [illegible]

Though Finance has not objected I think S.F.C going through this is better. I don't like the hurrying. Let D.P.I. come and discuss with [illegible] me what it is all about. 1) What are the specialities 2) Where do they lead to 3) What is the control of the Govt generally etc.

B.G.A.
6.XI

WB
7.11

I would like to be present when the D.P.I. discusses with H.M. Finance

Ch
7/11

This may be placed before me after H.M. (Finance) & H.M. (Edn) discuss with D.P.I.

12/12

SECRETARY, EDN. AND P.H. DEPT.
12 NOV 1949
GOVERNMENT OF MADRAS

D.P.I. [illegible] the Institute to get another Rs. 5 lakhs from the [illegible]

E.& P.H.(G.2)

Please see the orders in circulation on p.p.33-34 ante. The draft D.O. to the D.P.I. submitted below is for approval. H.M.(Edn) may see it. H.M. E&L may also like to be present along with H.M.(Fin), at the discussion -

VS
12/11/49

WB
12.11.49

12-11-49

S
12/XI

C.No. 78870/49

H.M. (E & L)
(a.c.) ⊗

14/11

⊗ Issued –
(L.Dis) [illegible]

18/14/11

It is not known whether the D.P.I has discussed this matter with H.M. Fin. – H.M. (Fin) may see the file again –

SECRETARY, EDN. AND P.H. DEPT.
12 NOV 1949
GOVERNMENT OF MADRAS

3.12.49

3-12-49

S
5/12 (Fin)

H.M. (Fin)

Put up after [illegible]

B.G.A.
17.12

SECRETARY, EDN. AND P.H. DEPT.
10 DEC 1949
GOVERNMENT OF MADRAS

E.& P.H.(G2).

C.No. 99203/49.

From the Private Secretary to the Hon'ble Prime Minister to the Govt. of India, D.O. No. D/s.11012 dated 13th December 1949.

--

116

p.99 c.f.

Please see the D.O. from the Principal Private Secretary to the Hon'ble Prime Minister of India, addressed to H.Pr. on p.99 c.f. and the minutes of H.Pr. on p.99 c.f.

78[illegible]/49

p.21 c.f.

2. The Institute urgently requires Rs. 10 lakhs from the Provl. & Central Govts. for its equipment etc. The D.P.I. has stated that the institution deserves special consideration and assistance. Fin. Dept. have no objection to the Govt. giving Rs. 5 lakhs to the Institute leaving it to the Management to secure the other Rs. 5 lakhs from India. They have suggested that orders may be taken in circulation, on the proposal for the payment of this grant from Provincial Funds. The orders in circulation on pages 33-34 ante may be perused. H.M.(Fin.) has expressed a desire to discuss the proposal personally with the D.P.I. This discussion will apparently take place soon and then the matter ~~will~~ may be finally decided by the H.M's.

p.62 c.f.

Fin Secretary's note on p32 ante

pp33.34 ante

p34 ante

(a) minute on p.99 c.f.

3. The case may be circulated to H.Pr. ~~thro~~ through H.M. (E.& L.) and H.M.(Fin.), with reference to H.Pr's minutes on p99 c.f.

VS
20/12/49

20-12-49

S

HM (E&L)
" (Fin)

May reply that the proposal of a grant of 5 lakhs by the Provincial Govt is under urgent consideration

20/12

H.M. (E & L)

H.M. (PWD)

H.M. (Fin)

H.Pr.

We may not commit to any particular amount. We may say that proposal to give a proper grant is under active consideration.

There are various snags in it.

1) The University has not affiliated or recognised it
(2) What is the Govt Control if we are to give money
(3) What is the security for proper spending of the money

R

28/20/12

36

G2
99203

(a) What are we to do to ensure that the institute will work continuously.

(b) Will the D.P.I. be on the managing Committee -

I have seen the ~~Ins~~titute and it promises to be a good one. H.Pr. may also see this once.

KM
21/12

H.M.(Fin)
H.M.(P.W.)
H.Pr

Either the Varsity or the Govt must appoint a three-man Committee of 2 engineers and D.P.I. to give us a report of what was done and what is to be done and what the extent of the University or the Govt would be.

Better we ask the Varsity to appoint a Committee and get the views of the Syndicate. While Govt should help, we should not allow ourselves to be [illegible].

Except the version of the Management, we have no information before us.

[illegible]
27.12

The Institute is not affiliated to the University and therefore I do not think we should ask the University for their views. The D.P.I. has already recommended aid and I am also [illegible] that we get the Principal of the Engineering College, Guindy to look into the institute and prepare a report. H.Pr may see.

X

M.B. 28.12

[illegible]

V
2.1

SECRETARY, EDN. AND P.H. DEPT.
7 JAN 1950
GOVERNMENT OF MADRAS

117

E.& P.H.(G.2)

Please see the orders in circulation on p.p.35-36 ante. With reference to the minutes of H.M.(E.&L) ~~xxxpx~~ at R on p.35 ante, a draft interim D.O. ~~r~~eply to the Govt.of India's communication on p.99 c.f.is submitted for approval. The file may now be circulated to H.M.(E.&L) for ~~pxx~~ approval of the draft D.O. below and ~~the minutes of H.M.~~ for perusal of the minutes of H.M.(Fin), H.M.(P.W.) and H.Pr, on p.36 ante [On return of the file from circulation, and after the issue of the interim reply, ~~the~~ a note for the Cabinet will be prepared]

VRS
11/1/50.

SECRETARY, EDN. AND P.H. DEPT.
11 JAN 1950
GOVERNMENT OF MADRAS

[illegible]
9.1.50

The draft D.O below may appropriately be issued by H.Pr - vide his remarks on p.99 c.f. After issue, a note for the Cabinet will be put up embodying therein the minutes on pages 35-36 ante.

[illegible]
9-1-50

S
9/1

H.Pr.

It is not necessary to trouble H.Pr to write d.o to the P.S. I shall sign the d.o

H.M.(E&L)
(C.S)

KM
11/1

P101 c.f.

D.O. issued as D.O. 7870 G2/49-8 Edn
10-1-50.

(Issued as D.O.No.7870-G2/49-8 Edn,d/- 10-1-1950.)

P101 c.f.

C.No.2851/50. P103 c.f. From the Asst.Private Secretary, Prime Minister's Secretariat, Govt.of India, D.O.No.40(44)/48-PMS dated 6.1.1950.

C.No.2856/50. P105 c.f. From the Secretary to the Govt.of India,Ministry of Education, No.F.23-96/49-T2 dated 11-1-1950.

P36 ante

~~Please~~With reference to the orders in circulation, a note for the Cabinet is submitted for approval.

The Govt.of India,Ministry of Education, desire to know whether the Madras Institute of Technology has attained a standard justifying financial support by Govt. and whether the ~~Presi~~Madras Govt. have given any financial assistance to this institution or propose to do so in the near future. In

P105 c.f.

connection

PWR

connection with the request of the Institute to the Govt.of India for permitting an officer of the Govt.of India, Survey Deptt. to be a member of the Board of Studies in Instrument Technology in the Institute, the D.P.I.'s remarks have been called for ~~as to the standard of this institute etc.~~ and the amount of grant ~~xx~~ for this Institution is now under consideration in this file. In the circumstances, no reply need be given to the Govt.of India now and a reply may be sent after the question of grants etc. is settled.

An interim reply may however be sent.
19-1-50

The file may now be sent to Finance and Chief Secretary for ~~approval~~ perusal of the Note for the Cabinet, prior to circulation.

VBS
16/1/50.

18.1.50

19-1-50

S 19/1

Fin
P.W.

Sent Separately

E&P H (G.2)
U.O. No 787082/49-9 Edn
19.1.50

Sealed cover

Finance (Exp.A) Department

(Previous Finance note on pp. 27-33 above)

The further notes and orders in circulation on pp.33-38 above, and the draft note for the Cabinet below may be perused.

2 Attention is invited to the letter from the Govt. of India, Ministry of Education on p.105 c.f. stating that the Madras Institute of Technology has again made a request for the financial assistance. In this connection, they request to be informed:-

(1) whether the Institute has now attained a standard justifying financial support by Government, and

(2) whether the Provincial Government have given any financial assistance to this Institution, or propose to do so, in the matter.

p.105 C.F.

4564
19 JAN 1950
FINANCE DEPARTMENT

(P.T.O.)

p.36 above.

As regards item (1) above, the only official information available is that contained in the D.P.I.'s letter on pp.61-62 c.f. H.M.(Fin) has minuted that either the University or the Government should appoint a three-man Committee of two Engineers and the D.P.I. to give us a report of what was done and what is proposed to be done, etc. It seems therefore that para 6 of the draft note for the Cabinet should ~~specifically refer~~ be amplified referring to the two points mentioned (at the bottom of p.38) above on which information is called for by the Govt. of India, Ministry of Education, and ~~for~~ that orders (should be taken also on the point) whether a committee should be appointed, ~~as~~ proposed by H.M.(Fin), before coming to a decision on the question of grant.

Para: 6 may be amplified as proposed and orders may be taken whether a Committee should be appointed to report before deciding the question of grant, or whether a grant of Rs. 5 lakhs may be given without such a report.

20.1.50

20.1.50

3 Further, the additions indicated ~~by~~ in the fly leaf on p.4 of the draft note for the Cabinet and in para. 5 of the note ~~seems~~ necessary in order to make the further minutes of H.M.'s extracted on ~~that page~~ pages 4-5 more intelligible. E&P.H. may embody the matter in the draft note.

20.1.50

4 The draft Note for the Cabinet may ~~be~~ otherwise be accepted, ~~and the case passed on~~ to the Chief Secretary. The case may be returned to E&P.H for consideration of the above remarks before sending it

20.1.50

20.1.50

ASST. SECRETARY TO GOVERNMENT
24 JAN 1950
EDUCATION AND PUBLIC HEALTH DEPT.

Fin. U.O. No. 4564 Exp A/50-1
20.1.50
(with L.F).

20.1.50

20.1.50

S

E&P.H. (G.2)

Please see Finance note on p.p.38-39 ante. ~~Paragraph~~ The note for the Cabinet has since been amplified as suggested by Finance in ~~paragraph 2 of~~ their note. The additions and alterations made by Finance in the Cabinet note may be accepted. The file may now be sent to Chief Secretary, before circulation.

ASST. SECRETARY TO GOVERNMENT
23 JAN 1950
EDUCATION AND PUBLIC HEALTH DEPT.

20/5

VS
23/1/50

23-1-50

23.1.50

Done

E&P H (G.2)
U.O. No. 787082/49-10 Edn
23/1/50.

S 23/1

C.S.

E & P H (G2)

The case may be circulated to HM (E & L) for approval of the note for the Cabinet below —

5812

24-1-50

24-1-50

S

H.M. 24/1

H.M. (E & L)

SECRETARY, EDN. AND ... DEPT.
25 JAN 1950
GOVERNMENT OF MADRAS

28/1

Copies of the note for the Cabinet have been circulated to all HMs, Chief Secy, P.S.G., and Fin. Six copies of the note are kept below. May be sent to Public (Special).

RS 28/1/50

28.1.50

28/1/50

Public (Spl)

10237
17 FEB 1950
FINANCE DEPARTMENT

28/1

E & P H (G2)
Memo. 7820 G2/49-12 Edn
28/1/50.

E.& P.H.(G.2)

DEPUTY SECRETARY
24 JAN 1950
PUBLIC DEPARTMENT

Please see the Cabinet decision on p.119 c.f. The draft memo. and the draft letter to the Govt.of India submitted below ~~are~~ for approval. P.W.D. & Finance may see ~~before issue,~~ after issue.

RS 11/2/50

11-2-50

11.2.50

S | PHD 11/2 | P.W (a.i) Fin

E & P H G2
No. 7870 G2/49-15 Edn
13/2/50

[Issued as Memo No. 7870 G2/49-13 Edn dt. 11/2/50] P121 cf
[Issued as Lr. Rep No. 7870 G2/49-14 " 11/2/50] P123 cf

783
03 FEB 1950
SECRETARY TO GOVERNMENT

The cabinet decision on p119 cf & the draft memo below may be perused. It is presumed that

(PTO)

Mr. Venkatachalam is the best man to be on the committee

the CE PWD (G & Br) is to be on the Committee. The file may be passed on to Fin Dept

13.2.50.

14/2/50

Fin

P.W. No. 7834/50-1
13.2.50

Fin (Exp. A) Dept

(Previous Finance note on pp 38-39 above).

The proceedings of the Cabinet on p.119 C.F, the memo ~~on p.121 C.F. (already issued)~~ and letter to the Govt of India on pp 121 and 123 C.F, and the notes on pp 40-41 above may be perused. E & P.H. will no doubt issue further instructions with reference to the suggestion of Secy. P.W. in the margin above.

10237
17 FEB 1950
FINANCE DEPARTMENT

14.2.50.

14-2-50

ADS/S

119

Fin no 10237 EA-1 14-2-50

14-2-50.

11650
14 FEB 1950
SECRETARY TO GOVERNMENT, EDUCATION & PUBLIC HEALTH DEPT.

E P H (G.2)

Please see the notes of ~~the~~ P.W.D. and the Finance above. A draft memo.specifying the name of the C.E. ~~members~~ ~~of~~ to be on the Committee is submitted for approval.

RS 16/2/50

16.2.50

16-2-50

S | 16/2

P 127 cf [Issued as Memo No. 7870 G2/49-16 Edn, dt 16/2/50]

Pl. remind the Chief Engr & the Principal, Engg. Coll

7/3

A draft reminder is subd. for approval.

RS 8/3/50

8.3.50

9-3-50

Reply since recd —

Education (F).

The file relates to the ~~application~~ request of the Madras Institute of Technology, Chromepet, for a grant of Rs. ~~10~~ 5 lakhs from the Provincial Govt. and an equal amount from the ~~xxxxx~~ Central Government, for suitable equipment ~~for~~ which the Institute is in urgent need of. The Institute ~~The Institute~~ was opened in July last and the Govt. were not in full possession of information regarding the status and standard attained by the Institute so far. The subject of grants to this institution was placed before the Cabinet at its meeting held on 7th February, 1950. In accordance with the decision of the cabinet, ~~the Govt. appointed~~ orders were issued appointing a Committee consisting of the Chief Engineer P.W.D. (General), Principal, College of Engineering, Guindy, and the Secretary to Government, Education & Public Health Department, to report on the following questions:--

P121 c.f.

P119 c.f.

10237

P121 c.f.

(1) Whether the Institute has now attained a standard justifying financial support by Govt.,

(2) The syllabus of studies and the standard laid down;

(3) The ~~xxxxxxxx~~ prospects of students who complete studies at the Institute; and

(4) Whether the Government should give any help, and if so, on what basis.

The report of the ~~C.E.~~ Principal, College of Engineering, Guindy, and the C.E.P.W.D., has ~~since~~ now been received - vide pages 133--157 c.f. A reply to the specific terms of reference of the Committee is found in paragraphs 24 and 25 of the report on pages 153--157 c.f. A copy of the report may be placed before the Cabinet ~~xxxxxxxx~~ for further consideration of the Institute's request for a grant. ~~The Chief Secretary may see before circulation.~~

A draft note for the Cabinet is subd. for approval — C.S. may see it before circulation

RS
10/3/50.

11.3.50

11-3-50
T4

14.3.50

C.S.

Sealed Cover

Edn(F)
No.7870F/49-18 Edn
14.3.50.

14 MAR 50
2208.

The file may be circulated to HM(E&L) for approval of the note for the Cabinet placed below.

14/3/50

Points for orders already ... Add that ...

14/3

14.3.50.

H.M.(E.&L.).

44

Please see the orders of H.M.(E.&L) on p.42 ante. ~~An~~ necessary addition has since been made, embodying the points for orders to the note. The draft note may ~~xxxx~~ now issue.

VS
14/3/50.

14.3.50.

14/3/50

15.3.50

Edn(F)

Copies of the note for the Cabinet have been circulated to HM's etc., Fin, C.S. and Secy to HE. Six copies of the note are kept below. The file may now be sent to Public (Special).

VS
16/3/50.

16.3.50

16/3/50 Public (Spl)

Sealed Cover

Edn(F)
No. 7870 F/49-19 Edn
16/3/50.

16 MAR
PUBLIC DEPARTMENT

Please see the decision of the Cabinet on p. 169 c.f. It is presumed that the intention is that orders sanctioning the payment of the grant should issue immediately, that the A.G. should be authorised to place the amount at the disposal of the Institute now and that the ~~grants~~ conditions subject to which the grant is sanctioned should

44

should be laid down separately, after the issue of orders sanctioning the payment of the grant. Subject to orders, the draft order below is for approval. [Finance have already included this ~~[illegible]~~ before in the note for supplementary demand to be presented to the Legislature on 25/3/50.] Finance may see ~~before issue of the draft order~~ the draft order, before circulation.

VS
18/3/50

They may say whether they have any objection to the budget head of debit suggested in the draft. It may perhaps be a separate item under that head, namely "Grant to the Madras Institute of Technology".

18.3.50

18/3/50

18.3.50

Fin.

18/3

Edn(F)
No. 7870 F/49-20 Edn
18/3/50

ASSISTANT SECRETARY TO GOVERNMENT
19695 Exp A
18 MAR 1950
FINANCE DEPARTMENT

Fin (Exp A)

(Previous Finance note on p. 41 above)

The proceedings of the Cabinet on p. 169 C.F., the Edn. Deptt's note on pp 43-44 above and the draft order may be perused.

The head of account mentioned in the note for supplementary grant is "37. Edn. - University - e. Grants to Non-Govt. Professional colleges" and the same may be adopted in the draft order also.

Education propose to lay down the conditions of the grant separately after ~~issue~~ the issue of orders. Finance may agree.

H.M. (Fin) may see the draft before issue.

18.3.50

19.3.50

-45-

(2)

Please see below

Thro' B.G.
18/3/50

18.3.50

3500

Ordinarily the draft order should also include the conditions under which the grant is sanctioned. As there is no time to ~~[illegible]~~ settle the conditions before sanctioning the payment of the grant in the current year itself, this Dept. may agree to the conditions being laid down separately. But it seems that the management of the Institute should be told not to incur any expenditure from the grant until the conditions to be laid down are accepted by it and that in case they do not accept them, they should be prepared to refund the grant. It also seems necessary to ask them to give an undertaking to this effect before drawing the grant. Education may be requested to amplify para: 3 of the draft order accordingly.

H.M. (Finance) also should see the draft order (as modified and) before it is issued.

A

19.3.50

18.3.50

Fin. U.O. No. 19695 Exp A/50-1
19.3.50

Edn
19.3.50

Recd. in Edn at 4.45 PM on 19.3.50

(This Department note on p.p.43-44 ante and Finance note on p.p.44-45 ante may be perused). Necessary additions and alterations have since been made to the draft order, as suggested by Finance. ~~The file may now be circulated to H.M. (E&H) and H.M. (Finance) for approval of the draft order.~~

A in the Finance note above.

VS
20/3/50

It does not appear to be necessary to communicate the conditions of the grant to the Institute for its prior

F 46 EA

prior acceptance of them. This would mean some avoidable correspondence and irritating controversy over the conditions. It seems to be enough to state in the order that the grant will be subject to the conditions which will be communicated separately and it should be ~~repai~~ refunded if they are not ~~satisfied~~ fulfilled.

H M (E&L) & H M (Fin) may see the draft below for approval.

20.3.50

21/3/50

20/3/50

23 MAR 1950 20925 EA

H.M. (E&L)

21/3

H.M. (Fin).

22.3

(G.O.No.951 Edn.,d./- 22-3-1950)

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The order sanctioning the grant has issued. The file may now be sent Finance for perusal and return.

KS 23/3/50

23.3.50

23/3/50

Fin.

P183 cf

(Action to be taken calling to send a report to G. of I)

Finance (Exp A)

(Finance last saw on pp 44 - 45 above)

Orders in circulation P183 cf above ~~and~~ GO No 951 Edn d/ 22.3.50 (a copy of which has already gone ~~through~~ to the AG through this deptt.) may be perused. No doubt Edn. will take further action in the matter of laying down conditions urgently.

23.3.50

23.3.50

24.3.50

24 MAR 1950

Edn (F)

U.O. 7870F/49-21 Edn

23/3/50

See p. 169 cf

Fin U.O. 20925 Exp A.I 24.3.50

Edn

C&L

24.3.50

Education (F)

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47 | 22

13 20/3

C.No.4209/50.

P185 cf

From the Member in Council, Madras Institute of Technology, dated 23-3-1950.

With reference to the Government of India's communications calling for a report on the subject, the two draft letters below are for approval. After issue, the file may be circulated to H.M.(E.&L) ~~and~~ H.M.(Fin) and H.C.M for orders as to the conditions to be prescribed for the grant of Rs. 5 lakhs the disbursement of which has already been ordered.

P99 cf & P105 cf

Cabinet decision on P.169 cf

P183 cf

KS 25/3/50

2. Attention is invited to the suggestions of the previous Secretary in regard to the conditions to be imposed for the grant, in his note on page ~~25~~ 26 ante. If there is no objection, the D.P.I may be asked to suggest suitable conditions now. Subject to orders, a draft memo is submitted for approval.

A

25.3.50

A above. These conditions were also embodied in the note for the Cabinet - p109 cf.

It seems unnecessary to consult the D.P.I. H.M. (P.W.) is a member of the Council of management of the Institute. He may also see the case. Drafts I & II are for approval. After issue, the file may be circulated.

27-3-50

Drafts I & II may issue.

The conditions must be discussed in detail. Note properly on memo please

27/3/50

PP191-192 cf

[Letter Ref No. 7870 F/49-22 Edn, dt - 27/3/50]

[" " " " " " -23 " " 27/3/50]

Madras Institute of Technology

123

REPORT

IN THE SERVICE OF INDIA

MADRAS INSTITUTE OF TECHNOLOGY
CHROMEPET, MADRAS.

The Madras Institute of Technology, Chromepet

(MADRAS)

Council of Management

President :

His Excellancy Dr. S. Radhakrishnan
Ambassidor with Soviet Russia

Secretary :

Sri M. Subbaraya Aiyar

Treasurer :

Sri C. R. Ramaswami

Members :

Dr. C. P. Ramaswami Aiyar
Sri T. R. Venkatarama Sastriar
Sri C. Rajam
„ K. Srinivasan
„ C. R. Srinivasan
The Honourable Sri M Bhakthavatsalam
Sri L. Venkatakrishnan

Madras Institute of Technology

Chromepet
24-9-49.

Gentlemen,

In January last we appealed to you for funds : We give below a resume of what has happened since.

The Madras Institute of Technology was inaugurated by the Hon'ble Premier of Madras on the 18th July 1949. Applications for admission were received from over 500 persons all of whom are University Degree holders in Physics and Mathematics. 180 students were interviewed and 90 of them were admitted and they joined the Institute on 18—7—1949; after which regular classes started functioning. The following are the members of the Technology staff, at present.

1. *Principal* :
   Rao Bahadur Sri M. K. Ranganathan, B. A B. E., M.I.Mech.E., Assoc. I.E.E.—Retired Chief Engineer —Madras Highways, P. W. D.
2. *Visiting Professor of Physics* :
   Dr. P. S. Srinivasan, M.A., D.Sc., Associated Professor of Physics, Madras Christian College, Tambaram.
3. *Lecturer in Physics* :
   Sri S. Raghavachari, M.A., M.Sc.,
4. *Visiting Professor of Chemistry* :
   Dr. S. V. Anantakrishnan, M.A., Ph.D., Professor of Chemistry, Madras Christian College, Tambaram.
5. *Lecturer in Chemistry* :
   Sri M V. Narasimhan, M.A., M.Sc.,
6. *Lecturer in Mathematics* :
   Sri B. Thiruvikraman, M.A.,

7. *Professor of Mechanical Engineering*:

Sri K. B. Krishna Rau, B.A., B.E., M.I.E. (Ind.) from the Indian Institute of Science, Bangalore.

8. *Visiting Professor of Civil Engineering*:

Sri V. Subramaniam, B.E., A.M.I.C.E., A.M.I. Strut. E.

9. *Visiting Professor in Theory of Structures*:

Sri P. S. Subramaniam, B.E., of Messrs Gannon Dunkerley & Co. Ltd., Engineers, Madras.

10. *Assistant Professor of Civil Engineering*:

Sri M. N. Venkateswara Iyer, B.E., Retired Executive Enginneer, P. W. D.,

11. *Assistant Professor of Civil Engineering*:

Sri B. Venkatasubbiah, Retired Executive Engineer, P. W. D.,

12. *Lecturer in Civil Engineering*:

Sri G. G. Subramaniam, Retired Assistant Engineer, P. W. D.,

13. *Visiting Professor of Electrical Engineering and Electronics*:

Sri V. V. L. Rao, B.E., D.I.C.(Lon.) S.M.I.R.E.,(New York), General Manager, Radios and Electricals Ltd., Madras.

14. *Lecturer in Electrical Engineering*:

Sri K. Madhavan Kutty, Assistant Electrical Engineer, P. W. D. (Services lent by the kind courtesy of Madras Government).

15. *Lecturer in Communications Engineering*:

Sri J. K. Murthy, M.A (Hons.), A.M.I.R.E., Provincial Broadcasting Department. (Under correspondence with the Government of Madras).

16. *Workshop Superintendant and Instructor*:

Sri B K Gouri Shanker.

We are in correspondence with the following for the faculties named against them.

Prof. Arguimbo of Massachusettes Institute of Technology.	for Electronic Engineering.
Prof. Lubke of Germany.	for Instrument Technology.

A statement of receipts and expenses up to the 15th of September, 1949, in respect of Capital Account is attached—Appendix A; as also a statement of receipts and expenses on revenue account. (College fee Account) Appendix B:

The tuition fees received from the students are set apart exclusively for meeting the salaries of the staff and day to day administrative expenses of the Institute. Yet expenditure will exceed our receipts by approximately Rs. 50,000/- for the first year, as the estimate attached—Appendix C will show:

The following buildings are ready and in use:

			Area in square feet.
1.	Lecture Halls and staff rooms.	...	12,400
2.	Office and Library.	...	4,000
3.	Drawing office located in one of the Hangers.	...	30,000
4.	Workshops - Timber working section located in a Second Hanger	...	30,000
5.	Hostel for 108 students with sanitary conveniences under - ground drainage etc.	...	12,600
6.	Kitchen and Dining hall for the hostel.	...	4,000
7.	Principal's quarters.	...	2,500
8.	Well and Pump house.	...	550

The following buildings are in progress and are nearing completion.

9.	Quarters for 3 Professors or Assistants.	4,000
10.	Overhead tank and quarters for 3 junior Assistants. ...	2,100
11.	Buildings for the Electronic and Instrument Technology faculties. ...	14,000

Owing to the difficulty of securing apparatus and machines (equally felt now even in England) the Physics and Chemistry Laboratories are yet to be fitted up. These classes are at present carried on in the laboratories of the Madras Christian College, Tambaram through the kind help and courtesy of Principal Boyd, his professors and the Syndicate of the University of Madras. The library now consists of over two thousand volumes of the most up-to date books in each subject and is being added to.

It is pertinent to note that our programme for a new course "Instrument Technology" was made as early as 1948 and set out in the very first appeal issued The United provinces Government is now setting up a precision Instrument Factory in Lucknow at a cost of Rs. 10,00,000 (£75,000) with an estimated annual production of Rs. 65,00,000 (£ 4,87,000) to serve as a training Institute of Technology admitting 80 students in the first instance. Seven Swiss Technical Expert Assistants have been fixed up. This should be an eye opener to this province.

It will be noticed that the balances on hand are made up of Rs. 23,175/- for capital expenses Rs. 33,020-7-3 for laboratory equipment and Rs 32,871-7-11 out of current revenues for revenue expenditure.

The ultimate expenditure that will have to be incurred to bring the Institute functioning to full capacity in a period of two to three years, will be some 45, lakhs: (Appendix D) Deducting from this a sum of Rupees ten lakhs applied for, from the Government and shortly expected, we shall have to collect about 12 lakhs per year.

We have further to make arrangements for a permanent annual contribution of about 2·7 lakhs as indicated in Appendix E, to keep the institution serving its useful purpose adequately. **This should be done now.**

It should be mentioned that a free scholarship for 12½% of the students is provided for in our scheme i e., about 12 studentship are open to the really capable but indigent student for each batch of 96 admitted each year. Means must be found to find this money now and in the immediate future.

Three members of the management met the Prime Minister, Pandit Jawaharlal Nehru at Delhi, and after discussing all the aspects of work of the Institute, our ambitions and limitations, he said that "this was a worthwhile Intitute" and communicated his view to the Provincial Government.

His Excellency the Governor General is taking a keen and watchful interest in this endeavour of ours from the commencement.

The Premier of Madras, during the Inaugural celebration on the 18th, July last stated as follows :

"The Institute of Technology founded by Mr. C. Rajam, was the first of its kind in India. Raising it to the standard of the American Institute, would involve an expenditure of Rs. forty lakhs. Mr. Rajam had donated Rs. five lakhs as a foundation gift. It behoved the public of the Province and the Government to contribute the rest and help to make the Institute a great institution.

"This technological institute comes into being, at a time when institutes of its kind are most wanted to meet the vital needs of our country, for the implementation of schemes, aiming at industrialisation and ultimately for our country's economic prosperity.

"I am glad that this Institute of Technology has been brought into existence with the object of producing engineer-scientists who could make useful contribution to the industrialisation of our country. The needs of our country will be served by institutes of this kind, as they equip students with knowledge theoretical and practical—both simultaneously—so as to enable them to take their worthy place in the scheme of industrialisation. It is heartening to note the variety of useful subjects being included in the course of studies at this institute. Aiming as it does at the nation's industrial progress in many respects, this institute, I am sure, will become a premier institution of all-India importance. The student who has undergone training in this institute would be competent to make a contribution of his own to the industrial progress of our country.

"The location of this institute in the proximity of the railway station, and the availability of other amenities are matters that augur well for its future development. The attempts made for the construction of more buildings are commendable serving as this institute does, the industrial needs of the nation. Your request to the Governments, both Central and Provincial, for recognition of the institute and for grants in aid of it, is but legitimate. Your endeavours cannot but evoke sympathy from every quarter. The Provincial Government cannot afford to be slack in their responsibility to see to the growth and strength of this institution. Institutes of this kind, contributing to the industrial development and economic prosperity of the country, are of supreme national importance. It would be a pride for the Madras Province to have such institutes located within its territorial limits, as those, who are immediately benefited by them, are the people of this Province.

"I would rather look upon this institute as a crowning glory as this institute by its excellence and usefulness is going to crown the industrialization of the country. So, it is but proper that the Government should honour the man that crowns the country's industrial progress".

The Hon'ble Dr. Shyam Prasad Mookerjee, the Minister for Industries with the Government of India, during his visit to the Institute on the 29th. April 1949, stated as follows:

"This idea of having an Institute of Technology suited to the needs and aspirations of the country, was something which was really overdue and I am glad that Madras has taken a lead in the matter.

"I may assure you, so far as it lies in my power, you will get every possible help and co-operation from me in the successful development of this Institute. (Applause). As Minister in charge of Industry, I feel every moment the dearth of qualified men who, equipped with technological knowledge and skill, have the initiative to sponsor schemes of industrial development and to carry them into execution".

"No doubt they would appoint Indians wherever possible, but during the first period of their functioning, they should not hesitate to bring out men from foreign countries for short periods so that our boys may receive the best possible training."

The Minister, continuing, said "that an institution like this could not function merely on fees, because if they made merit the chief criterion, they would have to keep certain places free so that men, young men belonging to the poorest families—provided they had merit—might not be deprived of the special training which would be imparted there. He hoped the system of helping such institutions, through private munificence, in foreign countries, would also begin to operate in our country.

"But in the meanwhile, the institution has to depend on Government subsidies. It is not possible for me to commit the Government of India, but I am sure that seeing the way in which you have already made progress and the efficiency which you have already demonstrated in re-organising this dismal, Disposals rejected place, the Government of India will be able to afford you such assistance as may be required.

"Their new Industries Minister (Mr. Perumalswami Reddiar) was happily with them and he hoped that Mr. Reddiar would carry on worthily the standards set up by his predecessor. He hoped that Mr. Reddiar would no doubt "examine the future of this institution with sympathy" and between the Madras Government and the Government of India, they should have no anxiety for the future welfare of the institution.

You are serving the real national interests during this difficult period of transition and anybody who does it is fully deserving of encouragement from a Government which calls itself national".

The Hon'ble Mr. M. Bhakthavatsalam, Public Works Minister and Minister in charge of Engineering Education with the Government of Madras stated on September 11th at the Madras Central Polytechnic.

" The Government were doing their best to provide suitable equipment, accommodation and amenities for students in the newly started Technical Institutions."

The Hon'ble Mr. K. Madhava Menon, Education Minister with the Government of Madras, stated on the 9th September when he visited the Institute :

"With the valuable training given in the Institute, they would be able to secure decent jobs in the future, for the country was in great need of trained personnel. He advised the students to derive the maximum benefit from their training."

"The Industry" of Calcutta writes in relation to the Institute as follows:

"The Premier of Madras recently opened at Chromepet (Madras) a new Institute of Technology based on the model of the Massachusetts Institute. This is an important event in this country's industrial field in as much as a proper functioning of such institutions will considerably speed up the training of technical personnel of which there is a great dearth here. Indian industries to-day are facing two main hurdles, viz., scarcity of indigenous capital and a lamentable shortage of properly trained technical personnel. The present National Government of the country seeks to overcome the first difficulty by inviting the increased participation of foreign capital in business and industrial undertakings in India. But this by itself will fail to usher in a new industrial age in India, if simultaneous efforts are not made to impart sound technological training to the workers who will man our industries. In this context an institution like the Madras Institute of Technology seems a welcome augury for our future economic progress. We wish the new venture complete success and hope more such technological training colleges will be opened in other parts of the country. The running of such institutes is undoubtedly a costly affair, but the present position of India is such that we cannot afford not to think big. The Madras Institute, it is reported, will impart both practical and thoretical training in five faculties, viz, Electronics, Instrument Technology, Automobile Engineering, Aeronautical Engineering, and Motion Picture Technology. Training in the last subject will be postponed for the time being to permit the Institute to stabilise itself before any further expansion is undertaken."

It will be seen from the above that an Institute of the kind we have launched is a necessity, is urgent, is expensive, for the sake of National prosperity is deserving of help and encouragement both from the Government and the Public, rich and poor alike, and is in NEED OF URGENT HELP FROM ONE AND ALL TO DEVELOP IT TO FULL MATURITY.

A copy of the appeal is also enclosed, and it is now for you to come forward, subscribe liberally, and help us to attain the ideal dear to all of us. WE NOW PLEAD THAT YOU CONTRIBUTE GENEROUSLY AND QUICKLY to enable us to BUILD UP THE INSTITUTE.

We remain,
Yours faithfully,
For **The Council of Management**
M. SUBBARAYA AIYAR
Secretary

APPENDIX A.

RECEIPTS AND EXPENDITURE – (Capital Account)

	Dr.			Cr.		
	Rs.	a.	p.	Rs.	a	p.
By Donations (as per statement Appendix A-1). ...				6,29.514	0	0
,, Sale of Tickets for Benefit Performance (Earmarked for Laboratory Equipment) ...				32,829	0	0
,, Miscellaneous receipts ...				4,870	15	2
To Fixed Capital Expenditure (as per statement Appendix A-2). ...	4,90,526	2	7			
,, Recurring expenditure till 15–9–49 ...	26,413	15	4			
,, Advances, Deposits & Sundry Debtors ...	14,169	10	0			
,, Stores stock and tools ...	72,308	10	6			
,, Expenses in connection with the Kumbakonam Benefit Performance ...	5,200	0	0			
,, Cash and Bank Balances, Imprest on hand ...	2,400	0	0			
Indian Bank Ltd. Madras ...	23,175	1	6			
Indian Bank Ltd. Kumbakonam ...	33,020	7	3			
Total ...	6,67,213	15	2	6,67,213	15	2

APPENDIX A-1.

DONATIONS

		Rs.	a.	p.
1.	Sri C Rajam ...	5,00,000	0	0
2.	Sri S. S. Vasan ...	25,000	0	0
3.	M/s. Madura Mills Ltd. ...	25,000	0	0
4.	M/s. Spencer & Co., Ltd. ...	15,500	0	0
5.	M/s. East India Distilleries (Donation 50,000) paid ...	10,000	0	0
6.	M/s. Kothari Textiles Ltd. ...	5,001	0	0
7.	Sri B. Sivaraman, I.C.S. ...	5,000	0	0
8.	M/s. Rane (Madras) Ltd. ...	5,000	0	0
9.	M/s. Meenakshi Mills Ltd. Madura ...	5,000	0	0
10.	M/s. Amrutanjan Ltd. ...	5,000	0	0
11.	Mr. J. M. Smith (P. Orr & Sons Ltd) ...	4,000	0	0
12.	Sri K. Venkatarama Iyer ...	3,500	0	0
13.	M/s. V. Perumal Chetty & Sons. ...	2,500	0	0
14.	Lt. Col. Pandalai ...	2 500	0	0
15.	Sri A.G. Gopalaswamy Iyengar (Donation 5,000) paid ...	2,500	0	0
16.	Tiruvaduthurai Adheenam ...	2,000	0	0
17.	M/s. Raman & Raman Ltd. Kumbakonam ...	1,686	0	0
18.	Sri L. S. Saptharishy Iyer ...	1,116	0	0
19.	Rao Sahib Dahbi Venketa Ramaniah ...	1,000	0	0
20.	Sri R. Narasimha Iyengar, Tanjore ...	1,000	0	0
21.	Sri K. S. Lakshmana Iyer ...	750	0	0
22.	M/s Presidency Transport Ltd. ...	500	0	0
23.	Sri T. K. Venkatarama Iyer Kumbakonam ...	500	0	0
24.	Sri S. Subbiah ...	450	0	0
25.	Sympathiser ...	400	0	0
26.	Sri T. A. M. S. Bhoopala Chettiar, Kumbakonam ...	111	0	0
27.	Sri A. R. Rama Iyer, Kumbakonam ...	100	0	0
28.	Sri A. Veeriah Vandiyar ...	100	0	0
29.	Piecegoods Merchants Association, Kumbakonam ...	100	0	0
30.	Mr. Subbaraya Aiyar, Madras ... toward expenses of Benefit performance of Srimathi M. S. Subbulakshmi at Kumbakonam and the balance to General Account.	5,200	0	0
	Total ...	6,29,514	0	0

APPENDIX A-2.

FIXED CAPITAL EXPENDITURE

(Figures include wages and materials expended till 15-9-49).

	Rs.	a.	p.
1. Land	68,500	0	0
2. Fencing	7,630	7	3
3. Roads and clearing site	1,833	2	0
4. Hangars	1,61,130	6	8
5. Railway Siding	12,100	0	0
6. Buildings (original)	12,500	0	0
7. Hostel Block	41,236	11	8
8. Laboratory & Lecture Halls	22,874	1	4
9. Lecture Halls	5,398	4	5
10. Principal's Quarters	16,391	7	9
11. Professors' Quarters	13,513	6	8
12. Office and Library	263	7	8
13. Hostel Kitchens and Dining Hall	6,877	15	9
14. Water tank and Pipe Lines	20,077	4	1
15. Quarters No. 1	228	8	4
16. Hostel Lavatory and Bath	23,291	6	4
17. Office Lavatories	10,168	8	10
18. Well & Pump House	16,422	6	11
19. Electrical Installation (original wiring).	4,300	0	0
20. Electrical Installation (new)	5,058	3	7
21. Furniture and Fixtures	12,542	3	9
22. Plant & Machinery	28,168	1	8
Total	4,90,526	2	7

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APPENDIX B : PART : 1

Actual Receipts for July, August and 1 – 15th Sept. 1949.
(Revenue Account).

	Rs.	a.	p.
Tuition Fees	33,346	0	0
Admission Fees	950	0	0
Athletic Fees	470	0	0
College Caution Money	4,600	0	0
Hostel Caution Money	4,500	0	0
Reading Room	283	0	0
Blank Books, etc.	940	0	0
Electric Light	2,250	0	0
Room Rent	5,350	0	0
Games	940	0	0
Miscellaneous	133	0	0
Total	43,761	0	0

PART II.

July, August and Sept. (1st to 15th).

Recurring Expenditure:

	Rs.	a.	p.
1. Establishment	7,257	7	0
2. Postage & Telegram	101	5	9
3. Telephone	251	13	9
4. Printing & Stationery	636	13	6
Drawing Paper	222	14	2
Miscellaneous	51	0	0
5. Travelling	59	8	0
6. Reading Room	19	8	0
7. Electricity	389	1	0
8. Games	309	14	0
9. Laboratory	320	13	4
Total	9,620	3	4

Non-Recurring Expenditure:

	Rs.	a.	p.
1. Opening Function (Printing)	1,498	2	0
2. Travelling Expenses	620	0	0
3. Entertainment	151	3	0
Total	2,269	5	0
Total	11,889	8	1

APPENDIX C.

Estimate of Current Monthly Expenses.

		Rs.	a.	p.
1.	Establishment ...	5,953	0	0
2.	Postage & Telegraph ...	60	0	0
3.	Telephone ...	100	0	0
4.	Printing & Stationery ...	160	0	0
	Drawing Paper ...	100	0	0
5.	Travelling ...	100	0	0
6.	Reading Room ...	20	0	0
7.	Electricity ...	150	0	0
8.	Games ...	200	0	0
9.	Laboratory ...	500	0	0
10.	Entertainment ...	100	0	0
11.	Consumable Stores (Kerosene, Chemicals, etc.) ...	525	0	0
		7,968	0	0
12.	Staff Expected to Join:			
	Mr. J. K. Murthy Rs. 600			
	Mr. Madhavankutty „ 600			
	Asst. in Mech. Engg. „ 300	1,500	0	0
	Anticipated Recurring Expenditure— ...	9,468	0	0
	Total for the Year ...	Rs. 1,13,616		
	Revenue from 80 Students at Rs. 250 per Term, for 3 Terms ...	„ 60,000		
	Anticipated Deficit for the Year: ...	Rs. 53,616		

APPENDIX D.

Estimate of Requirements for Building and Equipment.

In addition to an outlay of about 7 lakhs already incurred.

		Lakhs.
1.	Physics Laboratory, Furniture & Equipment ..	1.30
2.	Chemistry Laboratory, Furniture & Equipment	1.25
3.	Gas Plant ...	0.30
4.	Geology Laboratory, Furniture & Equipment ...	0.35
5.	General Workshops ...	2.00
6.	Precision Tools for Instrument Technology ...	1.50
7.	Strength of Materials Laboratory ...	1.00
8.	Mechanical Engineering Laboratory ...	1.00
9.	Electrical Engineering Laboratory ...	1.50
10.	Electronics Laboratory ...	1.50
11.	Furniture ...	1.50
12.	Library Equipment and Books ...	1.00
13.	Electronics & Instrument Technology Faculties Furniture, Fittings & Equipment besides those under 6 and 10 ...	5.00
14.	*Buildings*: Automobile Engineering Lecture Halls, Laboratory, Drawing Offices, Workshops, and Test Benches 5,20,000 sq. ft. ...	3.50
14·a	Equipment for do. ...	5.00
15.	Aeronautical Engineering Lecture Halls, Drawing Offices, Workshops, Test Benches and Wind Tunnel (30,000 sq. ft.) ...	3.75
15·a	Equipment for do	5.00
16.	Hostel for 216 students (additional admission in 2nd and 3rd years) at 120 sq. ft. gross per student, including verandah: 25 920 or say 30,000 sq. ft. ...	3 75
17.	Additions to the Dining Hall and Kitchen ...	0·75
18.	Quarters for a minimum of 6 Professors at Rs. 25,000 each ...	1.25
19.	Quarters for a minimum of 12 Assistant Professors, Lecturers etc. at Rs. 15,000 each average.	1.30
20.	Miscellaneous Quarters ...	1.25
21.	Watersupply and Sanitation for the above ...	1.00
22.	Sundry Buildings & Equipment ...	1.25
	Total	47 Lakhs
	Less: Funds on hand and expected:	2 „
	Net required:	45 Lakhs

APPENDIX E.—PART I.

Estimate of Revenue of the Institute.
3rd Year and after.

INCOME.

		Rs.
	Fee Revenue @ Rs. 750 per student for 288 students, *less* 12½% Free Scholarships (or 252 students).	1,89,000
2.	Hostel Fees at Rs. 60 for 96 students ...	5,760
	" Rs. 100 for 192 " ...	19,200
3.	Electrical Lighting charges at Rs. 25 for 288 students.	7,200
4	Entrance Fees at Rs. 10 each	960
5.	Blank Books and Reading Room	3,744
6.	Athletic Entrance Fees	480
7.	Athletic Fees	2,880
8.	Fines & Miscellaneous Receipts	20,776
	Total Receipts ...	2,50 000

APPENDIX E.—PART II.

Estimate of the Expenditure of the Institute.
Third year and after.

EXPENDITURE.

	Rs.
By salary of principal—@ Rs. 1,250/- per mensem. ...	15,000
By salary of Professors of Applied Science, General Engineering, Electronics, Instrument Technology, Automobile Engineering and Aeronautical Engineering and 2 Associate Professors for special subjects or 8 @ Rs. 1000/- per mensem.	96,000
By salary of Assistant Professors—one for each Professor or 8 @ Rs. 600/-	57,600
By salary of Lecturers :—2 to each faculty plus one each for Mathematics, Chemistry, Physics, Geology, Metallurgy or 16+5 or 21 @Rs.350/- each.	88,200
Work-shop Superintendent @ Rs. 400/-; Asst. " " @ Rs. 200/-; Master Craftsman 6 @ Rs. 120/-	15,840
Storekeeper, Tools Keepers, Laboratory Assistants @ Rs. 200/- (average)—15, ...	36,000
Office Establishment :	
Manager, Accountant, 2 Stenographers and 4 Assistants @ Rs. 1250/- a month	15,000
Peons and Menial—45 men @ Rs. 40 per mensem ...	21,600
Add : for Miscellaneous : Average ...	4,760
Total Expenditure	3,50,000
Running expenses for Workshops	20,000
Running expenses for Laboratory—@ Rs. 15000/- each Laboratory (average for 8 laboratories)	1,20,000
Miscellaneous	30,000
Total ...	5,20,000
Net deficit on working	2,70,000

Sri Ramakrishna Printing Works, Madras 2,

THE MADRAS INSTITUTE
OF
TECHNOLOGY

MEMORANDUM AND RULES

MADRAS.

MEMORANDUM OF ASSOCIATION
OF
MADRAS INSTITUTE OF TECHNOLOGY

WHEREAS it is considered desirable that a Society should be formed and registered for promoting and advancing the cause of Scientific, Technical, Industrial and Technological education:

1. The name of the Society shall be "THE MADRAS INSTITUTE OF TECHNOLOGY".

2. The objects of the Society are:

(*a*) the acquisition of immoveable property, the construction of buildings, and the purchase of furniture, laboratories, libraries and other equipment for THE MADRAS INSTITUTE OF TECHNOLOGY and collect endowment or endowments for the maintenance and expansion of the INSTITUTE;

(*b*) to promote and advance higher education in Sciences Technology and Industries;

(*c*) to establish and maintain a research laboratory or laboratories in the Sciences and Industries;

(*d*) to do or carry on business in the course of carrying out the primary purpose of the INSTITUTE and to get such work done by the beneficiaries of the INSTITUTE;

(*e*) to collect and maintain a fund to be contributed by voluntary donations and subscriptions for the objects and purposes of the INSTITUTE;

(*f*) to accept any gifts of property or moneys for Scientific research in all its branches with such terms and conditions as may be imposed by the donor or donors (but so as not to incur any liability on the part of the INSTITUTE or Members of Council thereof) in furtherance of any of the objects of the INSTITUTE;

(*g*) to construct and maintain any buildings or works necessary or convenient for the purposes of the INSTITUTION;

(*h*) to award scholarships to deserving students to undergo special training in the Sciences and Industries in or out of India;

(*i*) to aid students of all castes and creeds in the prosecution of the said higher studies in India and abroad on such terms and conditions as may be decided upon by the Council of the Society under regulations framed in that be half;

(*j*) to prepare and encourage the preparation of suitable treatises and text books in the Sciences and in other technical subjects and to encourage visual education through films ;

(*k*) to invest or deal with the moneys of Institute upon such securities and in such manner, as may, from time to time, be deemed expedient by the Council whether in preference shares or debentures of companies, first mortgage of immoveable properties or in such other manner as the Council may think fit and to apply the same and income thereof for or towards all or any other purpose;

(*l*) for purposes of the Institute to borrow, and raise money by mortgage or otherwise in such manner and on such securities as the Council may think fit for the purposes of the Institute ;

(*m*) to sell any of the assets of the Institute moveable or immoveable and agree to exchange properties and execute all necessary documents therefor ;

(*n*) to incorporate with itself any Instiution. Institute or Association having objects wholly or in part, similar to those of the Institute and to co-operate with any person or body of persons in aid of such objects ;

(*o*) to do all such other lawful acts as may be necessary or incidental and conducive to the attainment of the above objects or any of them ;

3. The names and addresses and occupations of the Members of the first Council of Institute to whom by the rules of the Institute, the Management of its affairs is entrusted are :

1. C. Rajam, Merchant.
2. K. Srinivasan, Journalist, C/o The 'Hindu' Madras.
3. C. R. Srinivasan Journalist.
4. L. Venkatakrishnan, Retired Chief Engineer.
5. M. Subbaraya Aiyar, Advocate.

all residing at Madras addresses more fully describe dagainst their signatures below.

A copy of the rules of the Institute certified to be a correct copy by three of the Members of the Council of the Institute is filed with this Memorandum of Association.

We, the several persons whose names and addresses are subscribed, are desirous of being formed into a Society in pursuance of this MEMORANDUM OF ASSOCIATION.

Dated at Madras this 10th day of May 1947.

1. C. R. Srinivasan, Journalist, Lloyd's Lane, Royapettah,
2. C. Rajam, Merchant, 'India House', Edward Elliots Road Mylapore, Madras.
3. C. R. Ramaswamy, Merchant, India House, Edward Elliot's Road, Mylapore, Madras.
4. M. Subbaraya Aiyar, Advocate Pelatope, Mylapore, Madras.
5. Dewan Bahadur L. Venkatakrishnan, Engineer, Edward Elliot's Road, Mylapore, Madras.
6. T. R. Venkatarama Sastri, Advocate, Edward Elliot's Road, Mylapore, Madras.
7. D. Nataraja Aiyar Engineer, 19, Parthasarathi Swami Street, Triplicane Madras.

WITNESS :—

V. Seturaman, Advocate.

RULES AND REGULATIONS OF THE MADRAS INSTITUTE OF TECHNOLOGY.

1. The Institute has its Office at the "India House", Edward Elliot's Road, Mylapore, Madras.

2. Any person of the age of 25 years and above may be enrolled as a Member of the Institute on payment of a donation of Rs. 500 and an annual subscription of Rs. 250. The Council in its discretion may admit any person as a Member waiving the above condition.

3. The Council shall have the power after reasonable notice to remove from the register of Members any person, whose subscription is in arrears for a period of two years. Subject to the provision of sec. 15 of the Societies Registration Act of 1860.

4. The management of the affairs of the Institute shall vest in a Council of four to eleven Members.

5. (a) There shall be two Trustees of the Institute and they shall be appointed by the Council of the Institute

from among patrons and Life Members. The Trustees shall have charge of all the funds and properties of the Institute.

(b) The Members of the First Council are those specified in Clause 3 of the Memorandum of Association. These Members may co-opt other members of the Council as and when they deem it advisable who shall also hold Offices till the period specified in clause 10 infra.

6. The Council shall from amongst its Members, elect a President, a Secretary and a Treasurer, and assign to them their respective duties. The Secretary may also be Treasurer.

7. The income and property of the Institute, howsoever derived shall be applied solely towards the promotion of the objects of the Institute as set forth above; and no portion thereof shall be paid or transferred directly or indirectly by way of dividends, bonus or otherwise howsoever by way of profits to the Members of the Institute provided that nothing herein contained shall prevent the payment in good faith by the Council or its nominees of reasonable and proper remuneration to any Officer or servant of the Institute, or to any Member of the Institute in return for any services actually rendered to the Institute :

8. If upon the winding up or dissolution of the Institute there remains, after the satisfaction of all its debts and liabilities any property whatsoever, the same shall not be paid to or distributed among the members of the Institute, but shall be given or transferred to some other Institution or Institutions which have objects similar to the objects of the Institute and which prohibit the distribution of their income and property among their members.

9. True accounts shall be kept of the moneys received and expended by the Institute and of the properties credits and liabilities of the Institute and they shall be open to inspection by the Members subject to any reasonable restrictions as to the time and manner of inspection that may be imposed in accordance with the Rules and Regulations of the Institute Once at least in every year the accounts of the Intitute shall be examind and the correctness of the balance sheet. ascertained by one or more properly qualified auditor or auditors.

10. The term of the office of the Members of the Council shall be five years and Members shall continue to hold Office after the expiry of five years until their successors are appointed. Any casual vacancy arising in the Council by death. resignation or otherwise shall be filled up by co-optation by the remaining members of the Council and the person so co-opted shall hold office for the remaining period of the vacancy.

11. There shall be a general meeting of the Institute during the month of January every year or on such subsequent date as may be fixed by the Council. The quorum for a general meeting shall be five.

12. The Council may from time to time frame bye-laws alter or vary and add bye-law for the admission of persons as members of the Institute, for the conduct of administration, for the holding of elections to the Council, for regulating its procedure and that of the General Body and generally for carrying out the objects and purposes of the Society.

13. (*a*) It shall be the business of the Council :

(i) To call a general meeting of the Institute at the end of the year ;

(ii) To start, affiliate or incorporate Institutions in other places ;

(iii) To publish the Annual reports and accounts of the Institute ;

(iv) To appoint an auditor or auditors for the audit of the accounts ;

(v) To take any legal step in the interests of the Institute ;

(vi) To represent the Society in its correspondence with the Government or any public authorities.

(*b*) The quorum for the meeting of the Council shall be three.

14. The Council shall keep clear and accurate accounts of the income and expenses of the Institute and the accounts of the Institute shall be annually audited by an auditor or auditors to be appointed at the Annual General Meeting of the Institute.

15. All contracts shall be made by two Members of the Council of whom one shall be either the President or the Secretary.

C. Rajam, Merchant, "India House", Edward
Elliot's Road Mylapore, Madras.

M. Subbaraya Aiyar, Advocate, Mylapore Madras.

L. Venkatakrishnan, Engineer, Edward
Elliot's Road, Mylapore, Madras.

D. Natarajan, Engineer, "Triplicane" Madras.

Dated at Madras this 10th day of May 1947.

WITNESS :—

V. Sethuraman, Advocate, Mylapore, Madras.

Certificate of Registration of Societies.

Act XXI of 1860

S. No. 6 of 1947-48

I hereby certify that "**The Madras Institute of Technology**" has this day been registered under the Societies Registration Act, XXI of 1860.

Given under my hand at Madras the seventeenth day of May one thousand nine hundred and forty seven.

Seal of Assistant Registrar
Joint Stock Companies
Chingleput.

(Sd.) **A. R. Arumugam,**
Addl. Assistant Registrar of Joint
Stock Companies
Chingleput District.

Ramakoti Press, Madras.

~~A~~ 413 ~~D1~~ 138 cf

Not for A
draft for C1

main file
sent to E&P.H

PPS.U.O.No.60/49-1. P35
1--3--1949.

Herewith letter No.D.S./1654, dated 21-2-49 from the Prime Minister's Secretariat, New Delhi, with a copy of the D.O. sent by H.Pr., to the Prime Minister on 21-1-1949. Information may kindly be furnished as to the stage at which the matter stands together with the draft reply to be sent by H.Pr., to the Prime Minister, giving further information in the matter.

Gopalaswamy Kuhi
1.3.49
P.P.S. to H.Pr.,

Sixth Assistant Secretary to Government
8 MAR 1944
Development Department

Enc: 23105

Secretary, Dev. Deptt.,

Asst. Secretary to Government
17047
Education and Public Health Dept.

for consideration [illegible] Madras Institute of Technology which is to be affiliated with the University.

Developt Dept D I

A.S
The main file on the subject has been sent to E&P.H. with this Dept's u.o. No/ 12560-D I/49-2. dated 4-3-49. This may also be sent to E&P.H. in continuation for necessary action

CAS
5.3.49
E&P H.

Developt u.o. No/ 12560-D.I/49-3
5-3-49.

4/3/49
4.3.49.

E.& P.H.(G.2)

Please see the note from the P.P.S. to H.Pr. and the note of the Development Deptt. on p.1 ante. Following the minute of H.M.(Edn), this Deptt. have suggested that the Madras Institute of Technology may be admitted to aid on a half-grant basis (i.e. to Rs. 5 lakhs) like any other aided College, and that the Govt. of India may be addressed for including this scheme in their Post-War Development Programme, so that this Govt. may get 50% of what they give as grant from the Central Block grant. The main file on the subject ~~file~~ has been sent to Devt.(P.& D.) and Finance for remarks. (init

Hon'ble Premier in his letter dated 21.1.49 ~~xxx~~ to the Prime Minister of India has stated that the request of the Institute ~~of~~ for a grant was being considered and that he would let him know the decision of this Govt. The matter is still under consideration and the decision on the subject has not yet been arrived at. On the return of the file, orders will be taken in circulation. It will perhaps suffice if a reply is sent to the Prime Minister after ~~xxx~~ a decision P15C

~~8/14/3~~

-3-

139

is arrived at. The file may now be returned to P.P.S. to H.Pr.

VBS 11/3/49

12/3/49

11.3.49

S. 14/3

✓ PPS to H.Pr.

E&PH (G.3)
Rec No. 17097-G3/49-1 Edn
12/3/49

We may remind E & P.H. again on 1-4-49

PPS 14.3.49

It may kindly be stated whether a decision has since been taken.

1.4.49

Secy E & P.H.

E&PH (G.2)

26385/49

The matter is still under consideration. The file has been circulated to HM (Edn), HM (Fin)

HM(Industries), HM(Fin) and HPr on 31/3/49. The return of the file from circulation is awaited. With this information, the file may be returned to P.P.S. to HPr.

2/4/49

2449.

4-4-49

4/4/49 | PPS to HPr

4/4

DS may remind again on 18-4-49.

6.4.49

E&H (G2)
Iss No. 26385 /49-1
Edn
4/4/49

P25 c/f

From the Principal Private Secretary, Prime Minister's Secretariat, Govt. of India, New Delhi, D.O.No.40(44)48/PMS ~~toxHxPrx~~ dated 15.4.49 to H.Pr.

K10

Please see the D.O.from the Principal Private Secretary to the Hon'ble the Prime Minister of India, to H.Pr. on (p.5 P25 c/f) c.f., and the minutes of H.Pr.thereon. The main file on the subject is linked below. The management of the Institute want a grant of Rs. 10 lakhs towards the purchase of the equipment for the several ~~department~~ departments of the Institute. A grant of this amount has been considered to be not possible, but the late H.M.(Edn) has suggested that half of this amount may be given as non-recurring grant. Orders have also been passed in circulation that the institution may be treated as one of collegiate grade and that it may be given half the net cost as recurring grant and such other grants as ~~it~~ may be possible for Govt. to give, from time to time. A copy of the letter from the management has been sent to the D.P.I. who has been asked to examine the request for financial aid and submit a report after consultation with the Director of Industries and Commerce. The draft reply below is for approval.

No. 7870 /49

15/9

PP×3-2-49

32095.

26/4/49

The file may be sent to P.P.S. who may issue the reply from his office.

26449

27/4/49

27/4 | PPS to HPr

E&H (G2)
Iss No. 32095 /49-1
Edn
27-4-49