

Minutes of the seventeenth meeting
of the Council of Institutes of
Technology held on 14th October 1977.

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The Council of the Indian Institutes of
Technology held its 17th meeting at New Delhi on
October 14, 1977. The following were present:-

1. Dr. P.C. Chunder	: Chairman
2. Dr. A. Bhattacharyya	Member
3. Shri G. Bhuvanarahan, M.P.	"
4. Dr. Hiten Bhaya	"
5. Shri K.T. Chandu	"
6. Dr. Satish Chandra	"
7. Dr. R.K. Chakravarty, M.P.	"
8. Shri S.S. Das, M.P.	"
9. Prof. A.K. De	"
10. Dr. M.L. Dhar	"
11. Dr. P.K. Iyengar	"
12. Prof. G.S. Jha	"
13. Shri J.A. Kalyanakrishnan	"
14. Shri V. Krishnamurthy	"
15. Shri Bhaskar Mitter	"
16. Prof. R.G. Narayanamurthy	"
17. Shri B.P. Poddar	"
18. Dr. A. Ramachandran	"
19. Dr. R. Ramanna	"
20. Dr. N.M. Swami	"
21. Shri Dharma Vira	"
22. Shri H.D. Gulati	"
	Secretary

Apology for inability to attend the meeting
were received from the following members:

1. Shri G.K. ~~Chandrasekhar~~
2. Dr. S. Dhawan
3. Shri M.G.K. Menon
4. Shri A.L. Mudaliar
5. Dr. M.S. Swaminathan

The following attended by special invitation.

1. Shri P. Sabanayagam
2. Shri H.S. Shahani

2. Before taking up the items of agenda for consideration the Council passed the following Resolution in connection with the passing away of the late President of India Shri Fakhruddin Ali Ahmad who was also the Visitor of the five IITs:

" Shri Fakhruddin Ali Ahmad, during his tenure as President of India, was also the Visitor of all the five IITs. In this capacity, he was closely associated with the work of the Council and the various activities of IITs. By his humanitarian approach and deep interest in the development of IITs, he was a source of great strength and inspiration to the IITs. In his death, the Institutes have lost a most able educationist and a strong humanist."

The Council further resolved that a copy of the Resolution may be forwarded to the bereaved family.

The Council also observed two minute's silence in memory of late Shri Fakhruddin Ali Ahmad.

3. The Chairman welcomed the new members of the Council and thanked the retiring members for their valuable services. He also said that it would be desirable for the Council to meet more frequently than once a year as at present.

4. Before the discussion on the agenda started, Dr. Rajat Kumar Chakravarty M.P. stressed the importance of the agenda papers being sent to the members of Parliament quite in advance of the meeting both at their home address & Delhi address so that they could come prepared for discussions. This was noted.

5. Dr. Chakravarty also referred to the discussions held in the previous meeting of the Council regarding the mode of admission to IITs, of students completing 12 years' course of study. It was explained that the item was included in the agenda.

6. Dr. Chakravarty also referred to an advertisement regarding admission to the Post-graduate courses of those who passed sections A and B of the Institute of Engineers. He said he was doubtful whether the Institutes had been authorised by the Council to admit such students in the Post-graduate courses. It was noted for examination.

ITEM NO.1: To confirm the minutes of the 16th meeting of the Council held in two sessions (viz., 24.5.76 and 31.7.76)

The Council confirmed the Minutes.

ITEM NO.2: To report action taken on the minutes of 15th and 16th meetings of the Council.

While noting action taken on the previous recommendations the Council decided as under:-

2.1. The Council noted the guidelines governing consultancy services in the IITs prepared by the Directors of the Institutes and decided that these may be scrutinized and brought up for consideration of the Council at its next meeting. (Item.15.8.3)

2.2 The Council recommended that the decision taken by the Government of India and conveyed to the Institutes vide their letter No.G.27017/1/77.T.6 dt., 25th May, 1977 should be implemented by the Institutes so that a comprehensive picture of the income from various sources including consultancy and expenditure on various heads is placed before the Finance Committee and Board of Governors. (Item.15.8.4)

ITEM NO.3: To report changes in the membership of the Council.

The Council noted the changes in the membership of the Council.

ITEM NO.4: To report action taken by the Chairman on behalf of the Council.

(a) Appointment of Prof. R.G.Narayanmurthi as Offg. Director and acceptance of the resignation of Dr. K.A.V.Pandalai as Director of IIT Madras.

The Council noted the appointment of Prof. R.G. Narayanamurthi as Officiating Director in the vacancy caused the resignation of Dr. K.A.V.Pandalai.

(b) The setting up of the Committee on Aeronautical Engineering Education

The Council desired that the work of the Committee on Aeronautical Education should be expedited.

(c) The setting up of the Committee to study in depth representation of students from rural areas as well as the weaker sections of the Community, especially the SC/ST in IITs and other Institutes of Higher learning.

The Council was informed that the report of the Committee has been received in the Council's Secretariat only on October 5, 1977 and had been placed on the table for consideration. The Council decided that ~~the~~ report should be examined ^{and} ~~for consideration~~ at its next meeting.

ITEM NO.5:

- (a) To receive the report of the analysis of Joint Entrance Examination, 1976.
- (b) To receive a brief report on the analysis of the Joint Entrance Examination, 1977.

5.1 It was observed that the analysis of the JEE 1976, and JEE 1977 had brought out certain imbalance in the representation of Students on the select list from the various states. The 1977 examination revealed that while about 70% of applicants were contributed by the states of Maharashtra, Delhi, Tamil Nadu, U.P., Bihar and West Bengal, the states of Maharashtra and Delhi accounted for 50% of the successes. That apart, most of the seats were secured by city dwellers.

5.2 In order to remove this imbalance, a member suggested that the Institutes should provide for regional reservation. Another view was that the students from Delhi and

Maharashtra hailed from all parts of the Country. The suggested regional reservation would therefore be a step in the wrong direction and would dilute the quality. Other members, also, vehemently opposed the suggestion saying that JEE was the only process of getting the best students to the Institute. The Chairman was of the view that any such suggestion would defeat the very purpose for which the IITs were set up as all-India Institutions. Government have separately set up Regional Engineering Colleges where 50% of the seats are reserved for the students of the state where the College is located and the remaining 50% are distributed among the other states in the ratio of their population. He was, however, all for providing maximum encouragement to students from SC/ST and other weaker sections of the Community. He suggested that the Institutes should strengthen the remedial courses so that once the students from these communities join the Institutes, they continue till they passed out.

5.3 The following other suggestions were also noted:

- (1) IIT should review the pattern of examination every year so that the coaching classes do not get the premium.
- (2) The answer books should be pooled and circulated for evaluation to different regions so as to ensure greater objectivity in evaluation and thereby create confidence in the students and the community.
- (c) To consider the question of allowing candidates of 1st year of +2 stage to appear for JEE.

5.4 The Council decided that during the inter-mediate phase likely to end by 1980-81, the JEE examination should also be thrown open to all those students who have passed the 10th Standard examination or Matriculation Examination and have completed or are likely to complete the 1st year of the Inter-Science or the +2 stream under the new pattern of Higher Secondary Education irrespective of the fact whether or not there is a public examination at the end of the eleventh year of schooling.

ITEM NO.6: To receive a progress report on Centres of Advanced Studies in IITs, approved by the Council.

The Council noted the progress report on the Centres of Advanced studies set up in the Indian Institutes of Technology. As regards the yearly review of the progress of work of these centres, as desired by the Council in its previous meeting a view was held that it was too early to evaluate the work of the Centres since they had not yet completed even the first year of their work. Certain members also raised the question of continuance of financial assistance to the Centres beyond the Fifth Plan which according to present indication would end on 31st March, 1978. It was explained that the establishment of the Centres was a committed project and funds would be released every year depending, of course, on the progress of work. A review of work was, therefore, considered necessary and the Advisory Committee of the IITs for the Centres could be depended upon to give a critical report on the work of the Centres. The Chairman suggested that a nominee from the Ministry should also be on the Advisory Committee.

ITEM NO.7: To receive a note on the arrangements for coaching SC/ST students to take up J.E.E.

The Council was informed that the Chairman had called a meeting of the Directors of the IITs, the representative of the Ministry of Home Affairs and Commissioner for Scheduled Castes and Scheduled Tribes on July, 14, 1977. The meeting had recommended that (i) a scheme be drawn up to organise special training in English, Mathematics & Physical sciences for SC/ST students while they are in schools and desire to join professional courses such as Engineering, Medicine, etc. from 1978-79, IITs should take students from these reserved communities only on the basis of their performance in the JEE which in their case should be relaxed compared to the performance of non-SC/ST general candidates. The cut-off value (Wiz.2/3rd) fixed at present can be examined by the IIT system and decision taken in time.

ITEM NO.8: To receive the recommendations of the seminar on grading system in IITs.

The recommendations of the Seminar were noted. The Institutes may implement the recommendations as far as possible, in consultation with their Senates keeping in view their individual schemes of studies. It was however, felt that there must be a high degree of mobility, at least between Institutions which have got equivalent standards.

ITEM NO.9: To receive a note on V Five Year Plan for IITs.

The Council noted the recommendations made by the Sahai Committee in regard to the increased allocation in the Fifth Five Year Plan for the IITs and lent its all-out support to the action already taken by the Secretariat in approaching the Planning Commission for approval of the

recommendations and for allocation of higher provisions for the developments of Institute's programmes during the Fifth Five-Year Plan. The Directors/Chairman, Boards of Governors strongly expressed the view to make special provision to be made for replacement of obsolete equipment were noted.

ITEM NO.10: To receive a note on certain decisions taken by the Council for amendments of the statutes.

The Council decided that the Committee of Directors may reexamine the amendments under reference in the light of the opinion of the Ministry of Law/the Ministry of Finance and make fresh proposals for consideration of the Council.

ITEM NO.11: To consider financial assistance to the SC/ST students at the IITs (proposal from IIT Madras).

11.1 The Council noted that under the present rules a student could not simultaneously avail of two scholarships from the Government. It, however, decided that there could be no objection to a student accepting a Government scholarship in addition to a scholarship or any other form of financial assistance offered by a non-government agency.

11.2 There was unanimity of view that the amount of scholarship of Rs. 150/-per month available to SC/ST students was too inadequate to meet all the necessary expenses. Also, the monthly income limit of Rs. 500/-or Rs. 750/-as the case may be for entitlement to a merit-cum means scholarship, was quite low. The council strongly recommended that the Government be requested to reconsider revising the rate of scholarship as also the income ceiling to a more reasonable level so that the recipients can meet, to a large extent, if not wholly, their educational expenses in the Institutes.

ITEM NO.12: To receive a note from UGC on the procedure prescribed for evaluation of Ph. D.theses.

The Council noted the recommendations made by the Committee of the University Grants Commission to examine the procedure for the evaluation of Ph. D.Theses. It was, however, left to the sonates, of the individual IITs to consider how best they could be implemented without infringing on the academic freedom of the Institute.

ITEM NO.13: To consider the question of drafting a scheme to weed out those officials who have outlived their utility.

On the advice of the Chairman, the item was withdrawn.

ITEM NO.14: To consider the proposal for creation of cadres of Chief design Engineer/Sr. Design Engineer/Engineer, etc.

The Council approved the proposal for the creation of a separate cadre of highly skilled technical personnel, as proposed, subject, however, to the condition that qualifications suggested for the various posts thereunder may be examined in the light of the qualifications prescribed by the CSIR for similar posts.

ITEM NO.15: To consider the proposal of IITs for avenues of promotion for Stenographers

The Council decided that the Directors should have a second look at the issue in the over all context and bring up the matter at its next meeting.

ITEM NO.16: To consider Revised Budget Estimates for 1977-78 and Budact Estimates for 1978-79

The Council approved of the Revised Estimates for 1977-78 and Budget Estimates for 1978-79 as recommended by the

Finance Committees of IITs at Madras, Bombay and Delhi, and authorised the Chairman to take similar action in respect of the other two Institutes. It also urged the other two IITs to convene the meetings of their Finance Committees as early as possible and forward the budget to the secretariat for further action.

ITEM NO.17.: To consider the proposal of IITs to institute Merit promotion for faculty and administrative officers at the IITs.

The Council decided that the Directors may consider the matter once again and prepare a common scheme for all the IITs.

ITEM NO.18: To consider the revision of pay Scales for Deputy Director.

It was felt that both the posts of Sr. Administrative Officer and Deputy Director were not required. It was, therefore, decided that on the analogy of the post of Joint Director which was proposed to be created, subject to Visitor's approval, in the Indian Institute of Science, Bangalore, the proposal to raise the pay scale of Deputy Director to Rs. 1500-2500 with a special pay of Rs. 500/- subject to the total pay not exceeding Rs. 2, 750/- may be processed for approval with the Ministry of Finance.

ITEM NO.19: Housing loans for the staff of IITs.

The Council noted the views of the members that there was need to make a provision in the Budgets of the IITs for sanctioning loans to its employees for construction of houses.

It was, therefore, decided to make a recommendation to the Government in this regard.

ITEM NO. 20: Any other item with the permission of the Chair.

To consider the question of relaxation of minimum qualification for recruitment to the post of Lecturers in Mining Engg. at IIT Kharagpur.

The Council agreed that the post-graduate qualification for the post of lecturer in the Department of Mining Engineering may not be insisted upon.

3. The meeting ended with a vote of thanks to the Chair.

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No. F. 10-13/78-T.6
Government of India
Ministry of Education & Social Welfare
(Department of Education)

...
New Delhi, May 25, 1978.

To

Dr. Shankar Lal
Director,
Indian Institute of Technology,
Kharagpur - 721302.

Subject: 18th meeting of the Council of Indian
Institutes of Technology held on 2.5.1978-
Circulation of minutes.

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Sir,

I enclose the minutes of the 18th meeting of
the Council of IITs held on 2nd May, 1978 duly approved
by the Chairman of the Council for your comments, if any.
Kindly send your comments latest by the 10th June, 1978.
In case, no comments are received by this date, it will be
assumed that you have no comments to offer.

Yours faithfully,

H.D. Gulati
(H.D. Gulati)
Secretary
Council of IITs

Registration

Pl. study, note relevant points, then return to
this office for our record

Shree
30.5.78