

MINUTES OF THE 15TH MEETING OF THE COUNCIL
OF INDIAN INSTITUTES OF TECHNOLOGY HELD
ON 17TH APRIL 1976

The Council of Indian Institutes of Technology, held its 15th meeting on 17th April, 1976 in Room No. 127, 'C' Wing, Shastri Bhavan, New Delhi. The following members were present :

1. Prof. S. Nurul Hasan	Chairman
2. Shri R.P. Billimoria	Member
3. Dr. Rajat Kumar Chakrabarti	Member
4. Prof. S. Chakraborty	Member
5. Shri G.K. Chandiramani	Member
6. Dr. Satish Chandra	Member
7. Shri K.T. Chandy	Member
8. Dr. A.K. De	Member
9. Sh. Bhaosahib Dhamankar	Member
10. Dr. M.L. Dhar	Member
11. Dr. S. Dhawan	Member
12. Prof. R.N. Dogra	Member
13. Shri A.N. Haksar	Member
14. Prof. C.S. Jha	Member
15. Shri S.K. Mukherjee	Member
16. Dr. Y. Nayudamma	Member
17. Dr. K.A.V. Pandalai	Member
18. Dr. R. Ramanna	Member
19. Shri H.S. Shahani	Member
20. Shri M.M. Suri	Member
21. Dr. N.M. Swami	Member
22. Prof. G. Tripathi	Member
23. Shri S. Vedantham	Secretary

The following members could not attend the meeting:

1. Dr. M.G.K. Menon
2. Shri Wadud Khan
3. Shri Sarjoo Pandey, MP
4. Dr. Jagdish Lal
5. Shri Prem Nath

The following attended the meeting as special invitees:

1. Dr. A. Bhattacharyya
2. Dr. V. Ramakrishna
3. Shri R.N.P. Sinha

The Chairman referred to the passing away of Dr. S. Husain Zaheer, former Member of the Council, The Council passed the following resolution of condolence, and desired that the same be conveyed to the family of late Dr. Zaheer:

"Dr. S. Hussain Zaheer was a member of the Council of Indian Institutes of Technology during the years he was Director-General, CSIR and when he was Chairman, Board of Governors, IIT Kampur. He was closely associated with the work of the Council and also with the special committee established by the Council. In addition to being an outstanding scientist and a leader of scientific industrial research, he was greatly interested in the development of technical education, particularly integrating technical education with appropriate research problems. In his death the country has lost a most distinguished educationist and scientist and the Council of Institutes of Technology a most distinguished member. He rendered valuable service to the promotion of Institutes of Technology and the cause of engineering research of high quality in the country.

Resolved that this expression of the Council with deep sorrow and regret be conveyed to his family."

Item No. 1: To confirm the minutes of the 14th meeting held on 13.9.1974.

15.1.1 The Council confirmed the minutes of the 14th meeting held on 13th September, 1974.

Item No. 2: To report action taken on the minutes of the meetings of the Council.

15.2.1 The Council noted the action taken by the Secretariat.

15.2.2 Regarding revision of scale of pay of Librarian the Council resolved that this could be decided by the Chairman of the Council in the light of the decision to be taken by the U.G.C.

Contd...3/-

Item No. 3: To note changes in the membership of the Council

15.3.1 The Council welcomed the following new members:-

- 1. Dr. Satish Chandra
- 2. Dr. M.L. Dhar
- 3. Prof. R.N. Dogra
- 4. Dr. C.S. Jha
- 5. Dr. R. Ramanna
- 6. Shri H.S. Shahani

The Council expressed its appreciation of the valuable service rendered to the Council by the following retiring

members :-

- 1. Dr. George Jacob
- 2. Prof. S.C. Mitra
- 3. Shri Mohan Mukherjee
- 4. Dr. M.L. Muthana
- 5. Dr. B.D. Nagchaudhuri
- 6. Dr. H.N. Sethna
- 7. Shri S. Venkataraman
- 8. Dr. Husain Zaheer

Item No. 4: To report action taken by the Chairman

15.4.1 The Council while confirming the action taken by the Chairman noted that in the case of making officiating arrangement for the post of Director IIT Kanpur, the Chairman with the approval of the Visitor had appointed a person from outside the faculty of the Institute. The Council confirmed this action of the Chairman, and also authorised the Chairman to make such appointments in future from outside the faculty of any Institute in emergent cases.

15.4-2 It was reported that the Chairman of the Council had, in accordance with the authority given to him by the Council, and with the prior approval of the Visitor, appointed Dr. A.Bhattacharyya as Director, IIT Kanpur. The action of the Chairman of the Council was confirmed.

Item No. 5(i) To report analysis of admission and other particulars in IITs.

15.5.1 The Council noted the analysis of Joint Entrance Examination of 1975 made by Dr. A.K. Basu of IIT Delhi and expressed concern at the significant observation made therein that the rural non-SC/ST communities were grossly under-represented in the admission through the J.E.E. The Council therefore desired that this matter be studied in depth by a Committee which should take into account all relevant facts which may relate to medium of instructions, the standard of school education in rural areas, the environmental conditions etc.

15.5.2 The Council authorised the Chairman to appoint a Committee, in consultation with the Chairman of the U.G.C., to conduct an indepth study of the representation of students from rural areas, as well as from the weaker sections of the community especially the SC/ST in the IITs and other prestigious institution of higher learning.

Item No. 5(ii) To receive statistics of output of Ph.D. in Engineering and Science.

15.5.3 The Council noted the increasing trend towards giving more Ph. Ds, in Engineering in IITs and recorded the item.

Item No. 6. To receive a report of facilities provided to Scheduled Caste/Scheduled Tribes candidates at the IITs.

15.6.1 The Council noted the efforts made by the IITs to make use of the quota reserved for admission to SC/ST students and was satisfied with the arrangements made.

15.6.2 The Council recommended that in order to help these students to take the Joint Entrance Examination confidently, Ministry of Home Affairs may be requested to set up adequate number of coaching centres as early as possible.

Item No. 7:

To receive a report regarding Examination and Evaluation Technique at IITs.

15.7.1 The members felt that a uniform grading system in the IITs will be desirable and that this would be the first step towards achieving such a uniformity in the whole educational system.

15.7.2 The Council resolved that a workshop be organised wherein teachers from IITs as well as from U.G.C. should discuss and evolve recommendations for a uniform grading system as far as possible.

Item No. 8:

To receive reports from IITs regarding dialogue with Industry.

15.8.1 The Council discussed the question of consultancy service at IITs at length and felt that in the formative stages of consultancy service, the rules should be flexible to help expand the activity. It was felt that consultancy services should be encouraged, so as to bring the Institutes closer to industry, to train the students to solve actual problems facing industry and to augment the resources of the Institutes to enable them to take up mission/oriental research. At the same time care should be taken to see that the main functions for which the Institutes have been established, viz. teaching and research, do not suffer. The Council was of the view that income from consultancy services should not be

taken into account as revenue for purposes of calculating the grant, but such earnings should be used for developing the departments which would, in turn, improve the quality of consultancy service. However, in case of income from routine testings and for use of computers by outside agencies, the same may be treated as revenue.

15.8.2 The Council further desired that the Institutes should establish closer links with professional consulting engineers and also take steps to promote exchange of personnel between the industry and the IITs. The Council recommended that the students who have an aptitude and could be useful should also be involved in the consultancy work.

15.8.3. The Council resolved that the Institutes should frame proper guidelines for governing consultancy services of the IITs on the basis of above observations and submit the same to the Council for information.

15.8.4: The Council, felt that while preparing the budget of the Institute a comprehensive picture of the income from various sources including consultancy and expenditure on various heads should be given as visualised in Section 22(1) of the IIT Act so that the Finance Committee and the Board of Governors get a clear picture of all the finances.

Item No. 9: To reconsider recommendations of the Council on reappointment of teaching staff on superannuation.

15.9.1 The Council was informed that in the last meeting it was decided that the teaching staff should retire at the

age of 60 years, and that no extension be granted beyond that.. However, in special circumstances with the approval of the Chairman of the Council, re-employment on contract basis may be given beyond 60 years.

15.9.2 The Council observed that under statute 15(1) there is already a provision for appointing eminent persons on contract. In view of this existing provision, Council decided that re-employment as visualised in the earlier decision be made, where necessary, in accordance with the existing statutes.

15.9.3 The Council further decided that as in the case of teaching staff, the retirement age in the case of Technical and Administrative staff will also be 60 years and that there shall be no extension of service beyond 60 years.

Item No. 10: To consider the amendments to the Statutes as recommended by Haksar Committee.

15.10.1 The Council decided that the recommendations of Haksar Committee be first examined by the individual Board of Governors and their views be obtained latest by 12th May, 1976. The Council further decided to meet on 24.5.76 to consider the amendments to the Statutes.

Item No. 11: To consider a note on amendment of Statutes to provide for retirement after attaining 50 years of age or 25 years of service. (Director, IIT Kanpur)

15.11.1 The Council decided that individual Board of Governors of IITs should consider and formulate scheme for retiring those who had outlived their utility, and send a detailed proposal to the Council by 31st October, 1976.

Item No. 12:

To consider the report of Nayudamma Committee on Centres of Advanced Studies in IITs.

15.12.1 The report of the Nayudamma Committee was laid on the Table at the time of the meeting. As members did not have sufficient time to go through such an important item before deciding this issue, the Council decided to consider this report at its meeting on 24th May, 1976.

Item No. 13:

To consider a note on mid-term appraisal of IITs and to recommend the revised Vth Plan requirements of IITs.

15.13.1 The Council was informed that detailed proposals giving the requirements of IITs were reported to Planning Commission, and that the Chairman had discussions with Directors regarding mid-term appraisal of the Vth Plan of each IIT. A proposal on the basis of such appraisal was made available to the Council (Appendix I).

15.13.2 The Council approved this mid-term appraisal and strongly recommended to the Govt. of India that the Vth Plan allocation for IITs may be raised to Rs.44.89 crores.

Item No. 14:

To consider annual budget allocation for 1976-77 for each of the five Institutes.

15.14.1 The Council was informed that a sum of Rs.628 lakhs have been provided in the Annual Plan for 1976-77 out of which a sum of Rs.150 lakhs is to be earmarked for the purpose of Centres of Advanced Studies on the recommendation of Nayudamma Committee. Thus, a sum of Rs.478 lakhs are to be

allocated to the IITs for their normal development. The Council decided to allocate Rs. 478 lakhs as under:-

IIT Kharagpur	Rs. 113 lakhs
IIT Bombay	Rs. 101 lakhs
IIT Madras	Rs. 94 lakhs
IIT Kanpur	Rs. 85 lakhs
IIT Delhi	Rs. 85 lakhs
Total	<u>Rs. 478 lakhs</u>

15.14.2 The Council desired that the Govt. of India be requested to increase the annual plan allocation of 1976-77 for IITs to enable them to take up newer areas of research and development work.

Item No. 15(i) To consider the application of the enhanced value of scholarships to students in Humanities.

15.15.1 The Council considered the proposal of IITs in the light of prevailing rates of scholarships in Humanities awarded by U.G.C. and decided that students undergoing Ph.D. courses in Humanities after obtaining Master's degree be awarded scholarship of Rs. 400 p.m. for the first two years and Rs. 500 p.m. for the next two years subject to proper academic assessment. This period is extendable up to six months in special cases and the decision is applicable with effect from 1.7.1974.

Item No. 15(ii) Extending the duration of Ph.D. Scholarships to 5½ years (IIT Kanpur)

15.15.2 The Council noted that under the U.G.C. scheme, Ph.D. scholarships are tenable for a period of 4 years only, extendable in special circumstance by six months. The Council therefore, decided that Ph.D. scholarships in IITs should be of only 4 years duration. The period may be extended in special cases for a period not exceeding 6 months.

15.15.3 The Council decided that IIT Kanpur should re-structure its Ph.D. courses so that the student is able to complete the work leading to Ph.D. degree in four years.

Item No. 16: To consider the suggestion from Dr. Rajat Kumar Chakraborti, Member of the Council, for visiting IITs periodically.

15.16.1 The Council noted that members of the Council are invited to the convocations held in each of the IITs. In addition, IITs may invite the members to summer schools, short-term courses and seminars conducted in IITs to enable the members of the Council to familiarise with the work of IITs.

Item No. 17: To consider the note of Shri Chandy on grant of housing loans to the staff of Indian Institutes of Technology.

15.17.1 The Council discussed the need for providing housing loans to staff in IITs but in view of constraints of funds, postponed a final decision on this item.

Item No. 18.

To consider a proposal of the Director, IIT Delhi to revive the cadre of Associate Professors in IITs. (IIT Delhi Director)

15.18.1 The Council noted that in its earlier meeting, it was decided to abolish the cadre of Associate Professors.

15.18.2 The Council reiterated its earlier decision that no further recruitment to the cadre of Associate Professor be made in IITs.

Item No. 19.

To consider the proposal of Director, IIT Kharagpur to relax the minimum qualifications prescribed for the post of Lecturer in Architecture and Naval Architecture.

15.19.1 Considering the shortage of faculty with Post-Graduate qualifications in the areas of Naval Architecture Regional and Country Planning and Architecture, the Council decided that in the case of Lecturers for Architecture, Regional & Country Planning and Naval Architecture, the qualifications prescribed be relaxed at the time of appointment, on the condition that the incumbent after selection acquires the prescribed qualification within a period of 5 years failing which he will not be eligible to draw further increments.

Item No. 20.

To consider the report of the Committee on the cadre of selection grade for stenographers.

15.20.1 The recommendation of the Committee to have a scale of Rs.425-800 for Stenographers was considered by the Council. However, as that itself was not found adequate to meet the

requirements, the Council resolved that the Chairman may decide the issue on receipt of detailed proposals from IITs.

Item No. 21: To consider a proposal received from Board of Governors of IIT Kharagpur regarding the revision of pay scales of Deputy Director, Registrar.

15.21.1 The Council recognising the need to appoint Dy. Directors from among the faculty, recommended that the pay scale of Dy. Director be revised from Rs.1800-2000 to Professors scale of pay (Rs.1500-2500) plus an allowance of Rs.250 p.m. with effect from 1.1.1973.

15.21.2 The Council recommended that the question of scales of pay of Registrar be considered only after the decision on the pay scales of Registrar of Central Universities is declared by the Government.

Item No. 22: To consider the following proposal received from Board of Governors, Indian Institute of Technology, Kharagpur

15.22.1 The item was withdrawn.

Item No. 23: To consider the proposal of IIT Delhi to create a cadre of (1) Chief Design Engineer/Principal Scientific Officer (2) Senior Design Engineer/Senior Scientific Officer Gr. I/Workshop Superintendent and (3) Senior Scientific Officer Gr. II/Design Engineer/Assistant Workshop Superintendent in the IITs.

15.23.1 The Council decided that the matter be considered by the Directors of IIT and a detailed proposal be put up to the Council.

Item No. 24: To receive a note on the promotional opportunities of certain non-teaching staff working in IITs.

15.24.1 The Council was informed that Directors of IITs are formulating a proposal for promotional opportunities. When the proposals are finalised, these may be considered by the respective Board of Governors of the IITs and their views be sent to Council's Sectt. The Council resolved that Chairman of the Council may take a decision on behalf of the Council.

15.24.2 The Council also decided that the Chairman should constitute inter-IIT Cadre Management Committee to examine the question of rationalisation of various grades and methods of recruitment in the IITs.

The meeting terminated with a vote of thanks to the Chair.

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No.F. 10-16/76-T.6
Government of India
Ministry of Education & Social Welfare
(Department of Education)

1st. September, 1976
New Delhi, the ~~23rd August~~ 1976.

Subject: 16th meeting of the Council of Institutes
of Technology - Circulation of Minutes.

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Sir,

I forward herewith the minutes of the two sessions of the 16th meeting of the Council of Institutes of Technology held on 24.5.76 and 31.7.76. These have been approved by the Chairman of the Council. I would request you to send your comments, if any, by the 15th September, 1976.

Yours faithfully,

S. Vedantham

(S. VEDANTHAM)
SECRETARY
COUNCIL OF IIT's

Prof. C.S. Jha,
Director,
Indian Institute of Technology,
Kharagpur.

1/2/76