

MINUTES OF THE 13TH MEETING OF THE COUNCIL OF  
INDIAN INSTITUTES OF TECHNOLOGY HELD ON 24th  
JUNE, 1974

The Council of Indian Institutes of Technology held its 13th meeting on 24th June, 1974 in room No. 127 'C' Wing, Shastri Bhavan, New Delhi. The following members were present:

- |     |                        |    |           |
|-----|------------------------|----|-----------|
| 1.  | Prof. S. Nurul Hasan   | .. | Chairman  |
| 2.  | Dr. George Jacob       | .. | Member    |
| 3.  | Prof. S. Chakrabarty   | .. | Member    |
| 4.  | Dr. S. Husain Zaheer   | .. | Member    |
| 5.  | Dr. H.N. Sathana       | .. | Member    |
| 6.  | Dr. B.D. Marchandhuri  | .. | Member    |
| 7.  | Shri G.K. Chandiramani | .. | Member    |
| 8.  | Dr. S.K. Mukherjee     | .. | Member    |
| 9.  | Shri M.M. Suri         | .. | Member    |
| 10. | Shri Mohan Mukerji     | .. | Member    |
| 11. | Dr. Gopal Tripathi     | .. | Member    |
| 12. | Dr. M.S. Muthana       | .. | Member    |
| 13. | Dr. N.M. Swani         | .. | Member    |
| 14. | Prof. S.C. Mitra       | .. | Member    |
| 15. | Shri S. Vedantham      | .. | Secretary |

The following represented members who could not attend the meeting.

<u>Name of the person present</u>	<u>Name of Member represented</u>
Prof. S. Sampath	Dr. K.A.V. Pandalai
Prof. J.T. Panikar	Dr. P.K. Kelkar
Shri P.N. Krishnamurthy	Shri M.G.K. Menon
Shri S. Biswas	Shri S. Venkataraman

The following members expressed their inability to attend the meeting:

1. Shri A.N. Haksar
2. Shri M.G.K. Menon
3. Dr. S. Dewan
4. Shri R.P. Billimoria
5. Dr. P.K. Kelkar
6. Dr. K.A.V. Pandalai

Item No. 1 : To confirm the minutes of the 12th meeting of the Council held on 16.2.1974.

The Council confirmed the minutes of the 12th meeting held on 16.2.74 as approved by the Chairman.

Item No. 2.: To report action taken on the minutes of the 12th meeting of the Council held on 16.2.1974.

The Council approved the proforma for compiling information regarding analysis of admission, student body, out-turn and other particulars of staff in IITs as prepared by the Directors of IITs and placed at the meeting.

The Council was informed that the Government has communicated the approval of the pay scales in respect of xk classes II, III and IV staff of the IITs for implementation.

The Directors of IITs informed the Council that they will be holding discussions among themselves regarding funding arrangements from various outside agencies and would finalise by the end of August 1974.

Item No. 3: To consider the Special Committee recommendations on Reviewing Committee reports and Plan allocations to IITs.

(i) The Council noted that the Special Committee had made a critical study of the reports of the Reviewing Committees and has given specific guide-lines of development of IITs.

(ii) The Council agreed with the recommendation of the Special Committee that the admission to the under-graduate courses in the IITs should be restricted to the same level of intake as obtaining at present, and that admission to the post-graduate and research courses should be increased. The Council was of the view that since the facilities at post-graduate level will be available to students from the universities also, the admissions to post-graduate courses in IITs have to be increased. The Council agreed with the recommendation of the Special Committee that policy for admission at the post-graduate level should, however, be planned on the basis of industrial

requirements and that the IITs should utilise normal grants for strengthening the courses. Where increase in activity is proposed, the same should be related to the capacity of each IIT to secure finances from industry and government organisations other than the Ministry of Education. The Council decided that the choice of field of post-graduate and research activities should bear relationship to Science and Technology plans and the technological manpower needs of the country. The Council agreed with the recommendation of the Special Committee that the Government departments, public and private sector enterprises should be approached to depute their staff for post-graduate and research courses.

(iii) The Council agreed with the recommendations of the Special Committee that such of the IITs which are interested in courses of life sciences should appoint a committee to go into the development of these courses within the resources available to the IIT concerned during the Vth Plan and these should be related to technology and technological developments.

(iv) The Council agreed that both 3-year degree courses for science graduates and 5-year degree courses be conducted in accordance with the recommendations of the Special Committee.

(v) The Council agreed that while each institution should freeze the admission to under-graduate courses as well as total under-graduate population, there should be flexibility in the intake of students among various disciplines and various courses offered. The Council agreed with the recommendations of the Special Committee regarding the area in which new courses of inter-disciplinary nature be explored by the IITs. The Council agreed with the Special Committee recommendation that among IITs and between IITs and other research organisations, priority should be given in allocating funds to joint research work between several organisations.

(vi) The Council decided that duration of the under-graduate courses in IITs should be considered by the Council after the report of the joint committee of the UGC and AICTE is available.

(vii) The Council agreed with the recommendations made by the Special Committee on collaboration with industry, faculty development, inter-disciplinary programmes, inter-action with other institutions in the region, establishment of computer service and system engineering department and training and placement department.

(viii) The council accepted the staff student ratio of 1:8 (at the under-graduate level) and 1:4 (at the Post-graduate level). They agreed with the recommendation of the special Committee that there shall be in future only three categories of teaching staff, viz. Lecturers, Assistant Professors and Professors and while the total strength of staff should be fixed, there should be flexibility in the number comprising each cadre so that there is no stagnation at any lower cadre. The Council did not consider necessary to fix any percentage earmarked for selection grade and felt that this should be decided by each Board of Governors.

(ix) The Council decided that the existing cadre of Associate Professors should be phased out and in future no person should be appointed as Associate Professor; instead they could be appointed in the Professor's cadre on contract basis for three years. The Council's decision regarding assessment is under item No. 16.

(x) The Council agreed with the recommendation of the Special Committee that a senior faculty member should be encouraged to handle junior classes and also agreed that a reserve upto 20% of the total cadre should be maintained in each I.I.T to cater to the needs of the faculty on deputation or training or on long leave. Such reserve should also include Research Associates to be trained under a ~~xxx~~ senior faculty member of the I.I.T.

(xi) The Council postponed consideration of selection grade for administrative staff under item No. 18.

(xii) The Council decided that no expansion of administrative supporting staff be made in any IIT. The Council laid emphasis on re-orientation of the staff for new functional requirements.

(xiii) The Council noted that it would be necessary for each IIT to bring its examination and evaluation techniques upto-date. The council decided that the Board of Governors of Each IIT should appoint committee for examination reforms and send its report to the Council who could appoint a special committee consisting of representatives of each IIT and then make recommendations to the Council.

(xiv) The Council was of the unanimous view that the total requirements of Rs.44 crores for all the IITs during the Vth Plan would be minimum. The Council emphasised that in view of the Science and Technology plan, it would be necessary for the IITs who have necessary infrastructural facilities to re-organise their programmes in accordance with the Science and Technology programme. It would, therefore, be important that the Chairman of IITs should hold discussions with the concerned Member of the planning Commission in order to secure realistic Plan

allocation for the IITs. The Council was informed that the Directors of the IITs would prepare a note identifying projects of the Science and Technology plan that could be taken up in the IITs and this note will be available by the end of August. This note should enable Chairmen of all IITs in their discussions with the Planning Commission in September, 1974.

(xv) The Council agreed with the re-allocation of Rs.3.5 crores as Plan provision for 1974-75 between the various IITs as indicated by the Special Committee, but requested the Chairman of the Council to consider a substantial increase in the allocation for the current year.

(xvi) With regard to review of Statutes of IITs, the Council authorised the Chairmen of the Council to appoint a Committee.

Item No. 4: To consider the proposal for financing LIC policies from the employees Contributing Provident Fund.

The Council noted that the faculty of IITs are treated on the same basis as teachers of the Universities. In view of this, the Council decided that the decision taken by the UGC modifying the CPF scheme may be made applicable in the case of employees of the IITs also.

Item No. 5: To consider amendment to Statute 7(3) dealing with contract of the service between the Institute and the Director

The Council noted that the Director whose appointment is approved by the Council will have to execute a contract and that the Chairman of Board of Governors for each Institute, on behalf of the IIT concerned enters into a contract with the Director. The Council decided that a uniform proforma be adopted by the IITs.

Item No. 6: To report on brain drain and placement of graduates

Item No. 7: To consider revision of pay scales of certain categories from the date given by UGC

Item No. 8: To consider revision of the selection grade pay scale of senior stenographers

Item No. 9: To consider proposal on computerised information service

The above items could not be considered.

Item No. 10: To consider inclusion of Institute of Technology, Banaras Hindu University in the ~~Joint~~ Joint Entrance Examination of IITs and to nominate Director of the Institute of Technology to the Council of IITs.

The Council agreed that the Banaras Hindu University be associated in the Joint Entrance Examination on a regular basis.

Item No. 11: To consider the question of licence fee free accommodation to the Deputy Directors/Registrar/Professor in-charge of the duties of Director.

Item No. 12: To consider financial provision for IIT, Kharagpur to meet its peculiar needs.

Item No. 13: To consider training of student in Geophysical methods of prospecting for petroleum at IIT Kharagpur and strengthening of existing facilities and provision of additional essential facilities.

Item No. 14: To consider a brief report on the production of synthetic Liquid Fuels from Coal

The above items could not be considered.

Item No. 15: Enhancement of value of scholarships and fellowships

The Council considered the proposal for raising the value of scholarships and fellowships in the IITs without any change in the structure of scholarships already available in IITs. The Council decided that it is necessary to revise the scholarships and fellowships in the IITs. The Council approved the change in the value of the scholarships as indicated below w.e.f. 1974-75.

(i) Scholarships for under-graduate courses for SC/ST candidates will be raised to Rs.150/-p.m. from the amount fixed by the Home Ministry. In addition, these students will be entitled for re-imbursment of tuition fee and other fees. They will also be exempted from hostel seat rent and they will be given a book grant of Rs.300/-p.a. Where a SC/ST candidate has to be given a remedial course, the scholarship should be available for this period also.

(ii) In the case of non-SC/ST under-graduate students for B. Tech. and Post-graduate students for Science subject, the scholarship will be raised from Rs. 75/- to Rs. 150/- per mensem and the scholarship will be free of tuition and other fees.

(iii) In the case of students admitted to M.E. and M.Tech. after obtaining B.E. and B.Tech. the value of the scholarship will be raised from Rs. 250/- per mensem to Rs. 400/- per mensem. The tenure of the scholarship will be for two years. In this case, the scholarship amount will be revised from Rs. 250/- to Rs. 300/- from 1st July 1972 and from Rs. 300/- to Rs. 400/- from the academic session of 1974-75.

(iv) The value of the fellowship award to the students undertaking Ph.D. Research in basic Sciences or Engineering and Technology after obtaining post-graduate degree or equivalent qualifications in Science, or Bachelor's degree in Engineering/Technology, be raised from Rs. 300/- at present to Rs. 400/- per mensem for the first two academic years, and Rs. 500/- per mensem for the next two academic years after a proper assessment of the students work, with provision for extension upto six months in special cases. A contingency grant may also be increased to Rs. 1500/- per annum. The work of the fellow should be assessed at the end of two years in the same manner as is proposed to be done by the University Grants Commission.

(v) Students undertaking Ph.D. Research in Engineering and Technology subjects after obtaining Master(s) degree in Engineering/Technology of two years duration will have their fellowships raised from the present Rs. 400/- per mensem to Rs. 500/- per mensem for the first two academic years and Rs. 600/- per mensem for the next two academic years after proper assessment of the students' work, with a provision for extension upto six months in special cases. The contingency grant of Rs. 1500/- per annum will also be provided in their cases. Assessment of a fellow will be done after the first two years, as in the case of U.G.C. fellowships.

(vi) Research Associateships between Rs. 700/- and Rs. 1100/- per mensem was approved. These be awarded for post-doctoral research in Engineering, Technology as well as Science, instead of post-doctoral fellowship of Rs. 500/- and the value fixed depending upon the candidate's research experience. In addition, a contingency grant of Rs. 2,000/- per annum was also approved. The maximum tenure for the associateship shall be fixed at five years.

Item No. 16:

To receive a note on the pay scales of teaching staff in the Indian Institutes of Technology.

(i) The Council resolved that the pay scales for Lecturers, Assistant Professors, Associate Professors,

Professors and Directors be revised as follows with effect from 1.1.1973 :

Sl. No.	Post	Existing scale	Revised scale
		Rs.	Rs.
1.	Lecturer	400-40-800-50-900	700-40-1100-50-1600
2.	Asstt. Professor.	750-1250	1200-50-1300-60-1900
3.	Associate Professor	1100-1300	1500-60-1800-100-2000
4.	Professor (i)	1100-50-1300-60-1600	1500-60-1800-100-2000
	(ii)	1600-100-1800	2000-125 - 2500 2
5.	Director	2000-100-2500 plus free furnished accommodation	2500-100-3000 plus free furnished accommodation

(ii) The Council also resolved that formula for pay fixation will be in accordance with the decision taken by the Government of India for Class I Officers in respect of the Third Pay Commission recommendations. The Council also resolved that for Professors of eminence which category is not now in existence in the IITs, a fixed salary of Rs.3,000/- per mensem be given.

(iii) To ensure proper standards, minimum essential qualifications should be insisted at the recruitment stage of a lecturer. The essential minimum qualifications should be a good academic record (Master's degree or equivalent qualifications) with research experience or industrial experience of not less than two years. In special cases, the Council decided that with the approval of the Chairman of the Council of IITs, a person could be appointed on the condition that he should attain these qualifications within five years of his appointment, failing which he will not be allowed to earn his increment till he has obtained the desired qualifications. The Council decided that these qualifications should be insisted upon in future recruitment.

(iv) As regards assessment for personal promotion, the Council recommended that each IIT should set up a machinery to review periodically the persons eligible for assessment. In addition, the candidate who wishes to offer himself for assessment can also be considered. While assessing a candidate's work, the work done by him during the preceding five years should be taken into account. The Council did not fix any percentage for personal promotion from one cadre to another. The Council also decided that the review of work of the same member of the faculty should be done after a period of not less than three years. The Council reiterated that there should be a nominee of the Chairman of the Council of IITs in the Selection Committees appointed for such assessment.



(v) The Council decided that hereafter teaching staff should retire at the age of 60 years and no extension beyond 60 years should be granted. In the cases of faculty who will have to be retained beyond 60 years, re-appointment can be made on ex-cadre post, the post being considered personal to a staff member on contract basis with the prior approval of the Chairman of the Council of IITs.

(vi) The Council also decided that to this extent amendment would be necessary to the provisions of statute 13(2) of each IIT.

(vii) As regards the salary of Rs.3000/- p.m. to be paid a Professor of eminence, the Council decided that his name should be recommended to the Chairman of the Council of IITs, by the concerned Board of Governors, for approval.

(viii) The Council decided that with regard to Class I posts other than teaching staff in the IITs and any other post remaining to be decided, the Ministry of Education may suggest suitable pay scales on receipt of data from all IITs.

Item No. 17: To consider resolution suggested by the Secretariat

The Council resolved that it shall be the duty of the Registrars of IITs to supply to the Secretary, Council of Indian Institutes of Technology C/O Ministry of Education & Social Welfare, Government of India, New Delhi, two copies of the agenda of the meeting of the Board of Governors and of the Senate as soon as they are issued and two copies of the minutes of the meeting of the Board of Governors and of the Senate within 15 days of the approval of the Minutes.

Item No. 18: Personal Promotion for non-teaching staff and all categories of lower staff.

This item could not be considered.

Any other item with the permission of the Chair

Proposals of IIT, Kharagpur were circulated by the Registrar, IIT, Kharagpur to members.

This item could ~~xx~~ not be considered.

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