

Minutes of the 12th meeting of the Council
of the Institutes of Technology held on
16th February, 1974, in New Delhi.

Present:

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| 1. | Prof. S. Nurul Hasan,
Minister of Education,
Social Welfare and Culture. | Chairman |
| 2. | Dr. S. Hussain Zahir,
Chairman,
Board of Governors,
IIT Kanpur. | Member |
| 3. | Shri A.N. Haksar,
Chairman,
Board of Governors,
IIT Kharagpur. | " |
| 4. | Dr. George Jacob,
Chairman,
University Grants Commission,
New Delhi. | " |
| 5. | Shri U.N. Mahida,
Member of Parliament,
(Rajya Sabha),
New Delhi. | " |
| 6. | Smt. I.D.N. Sahi,
Education Secretary,
Ministry of Education & SW,
New Delhi. | " |
| 7. | Dr. Y. Nayudamma,
Director-General,
Council of Scientific
& Industrial Research,
New Delhi. | " |
| 8. | Shri S.K. Mukherjee,
Director,
Fertiliser Corporation of India,
F-44, NDSE, Part I,
New Delhi. | " |
| 9. | Prof. S.K. Bose,
Director,
IIT Kharagpur. | " |

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| 10. | Dr. P.K. Kelkar,
Director,
IIT Bombay. | Member |
| 11. | Dr. K.A.V. Pandalai,
Director,
IIT Madras. | " |
| 12. | Dr. M.S. Muthana,
Director,
IIT Kanpur. | " |
| 13. | Dr. H.M. Swani,
Director,
IIT Delhi. | " |
| 14. | Shri C.P. Mohla,
Dy. Financial Adviser
(On behalf of Shri S.
Venkataraman). | " |
| 15. | Shri D.V. Narasimhan,
Dy. Educational Adviser (Tech),
Ministry of Education & SW,
New Delhi. | Secretary |

Dr. B.D. Nag Chaudhuri, Dr. H.H. Sethna, Prof. M.G.K. Menon, Shri M.A. Wadul Khan, Dr. S. Dhawan, Shri Bhaosahib Dhamsakar, regretted their inability to attend.

At the outset, Prof. S. Nurul Hasan, Chairman of the Council extended a warm welcome to the new members of the Council including those who have not been able to attend the meeting. He also expressed his appreciation of the contribution which has been made by the retiring members.

Item No. 1 : To confirm the minutes of the 11th meeting of the Council held on 23.12.1972.

The Council confirmed the minutes of the 11th meeting of the Council held on 23rd December, 1972.

Item No. 2 : To report action taken on the minutes of the 11th meeting of the Council held on 23.12.1972.

The Council noted the action taken and approved the item with the following observations.

The Council noted that the value of scholarships at the Institutes of Technology have been raised as under:-

- (i) Scholarships for under-graduate students - from Rs. 75 per month to Rs. 110 per month from the next academic year. It was also noted that the matter has again been taken up, to give effect to this increase, from the next financial year i.e. 1974-75 instead.
- (ii) The value of post-graduate research scholarships - for students with masters in science or bachelors in technology degrees, has been raised from Rs. 250 to Rs. 300 per month.

The Chairman expressed his deep appreciation for the cooperation of the Directors, in implementing the policy of the Council, regarding the admission of Scheduled Castes and Scheduled Tribes students. It was gratifying to note that the number of admissions of these students in this year has gone up and that special efforts are being made by the Directors to help the students who have been admitted. The Chairman invited specific proposals in furtherance of this policy which is a constitutional directive.

The Council noted that the wide variation in expenditure for under-graduate and post-graduate students in the different Institutes of Technology is because that apart from other considerations, the method of calculation applied is not the same.

The Chairman regretted that the Special Committee appointed by the Council in its last meeting to consider the reports of the Reviewing Committees and also plan proposals of the Institutes could not meet and as a result, a special meeting of the Council scheduled for May 1973 could not take place. Examining the plan proposals and suggesting allocations to the Institutes is a matter of obligation for the Council, and for this purpose, a special meeting should be held in May 1974. The Committee earlier appointed may be enlarged to include A.N. Haksar, Dr. Hayudamma and Shri S.K. Mukherjee, Shri Mohan Mukerji will also be on this Committee in place of Shri I.D.N. Sahi. Their recommendations should be made available to the proposed special meeting of the Council in May 1974.

The Chairman observed that after looking into the plans of the Institutes and the observations of the various Reviewing Committees, it appeared to him that the sum of Rs. 25 crores provided by the

Planning Commission for the 5 Institutes of Technology and the Indian Institute of Science, Bangalore for the 5th Plan period, would not be adequate. The Planning Commission was considering a proposal to increase this allocation. A final decision has yet to be taken and it would be very helpful if the Council takes a definite view on the needs of the Institutes and apprises the Planning Commission of the same.

In the Science and Technology Plan, it is visualised that funds would be made available by various agencies, on the recommendation of the National Committee on Science and Technology, to educational institutions including the Institutes of Technology for fundamental research, as well as, specified research projects. Some of the Reviewing Committees also suggested that the Institutes of Technology should explore the possibility of funding their research programmes by various agencies which will also ensure that due importance is given by the Institutes to research projects of relevance to the development of the country. The Chairman, therefore, requested each of the Institutes to re-examine their plan proposals indicating which of their projects they would like to take up with other agencies for funding and which they would like the Council to provide funds for, in order to avoid overlapping of funding arrangements. The Institutes should

make this information available before the end of April and also furnish their proposals in an order of priority for examination by the Special Committee mentioned earlier. A suggestion was also made that problems of relevance and interest in the country's development could be closely identified by a joint meeting of representatives from N.C.S.T. and the Directors of IITs. The Chairman desired that the IITs themselves should take the initiative in this regard.

Regarding pay scales for faculty of the IITs, the Chairman assured that efforts are being made to expedite a decision on the UGC scales and only after this, the revision of IIT scales could be taken up. A suggestion was made that in the matter of salary scales it would be good to have a look at the IIT picture as a whole. Guidelines are certainly called for and it is useful to have a personnel policy for these institutions as a class. The five Directors may make proposals in this regard, keeping in view the recommendations of the Personnel Policy Committee of the CSIR. The Chairman observed that the Council can take a decision only after concrete proposals are received from the Institutions.

Item No. 3 : To report the following matters -

- (i) Changes in the membership of the Council.
- (ii) Decisions taken by the Chairman.
- (iii) Appointment of Directors.

The Council noted the changes in its membership, appointment of Directors and ratified the decisions taken by the Chairman.

Item No. 4 : To report (a) on the analysis of admission to the Institutes, (b) on student body and (c) out-turn in 1973-74.

4.1 The Chairman observed that in addition to the analysis of admissions, student body and out-turn from the Institutes, the Council should be informed of the particulars of research training and activities of the staff in consultancy, design and development projects. This information should be furnished in a suitably designed proforma. As regards research training, students enrolled and doctoral awards made each year, may be shown separately for subject-fields in (1) Humanities, (2) Sciences and Mathematics, and (3) Engineering and Technology. He also desired that the Institutes may now furnish this information for 1973-74 and the Secretariat incorporate the same in the report and circulate it to members of the Council.

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4.2 The Chairman observed that the role and the output of the Humanities Departments in the Institutes needed to be reviewed. He suggested that a Committee be appointed to study the matter in some depth and make suitable recommendations. The report of the Committee along with the observations made by the Senates and the Governing Boards of the Institutes, may be discussed by the Council next year.

4.3 A point was raised that in certain special fields like Mining Engineering, Naval Engineering, Exploration Geophysics etc. the numbers admitted to the Institutes have not been adequate to meet the requirements of the country, particularly in the wake of the recent energy crisis. It is particularly necessary that geophysicists and geologists and petroleum exploration scientists should be trained in larger numbers. There is also the contradiction that the people already trained in some of these areas are not readily employed even by the C.N.G.C. This is particularly because of the fact that the training in most of our technical institutions is divorced from the practice in engineering in various operations. This should be corrected by building right type of relationship between educational institutions and the user industries in a big way.

The Council recommended that the UGC may be

requested to call an expert seminar, to discuss insufficient progress made on geological and geophysical surveys, what is being done with these surveys and why trained people are not finding employment? The Geological Survey, the ONGC, the Indian School of Mines, Dhanbad, the University Grants Commission and the educational institutions in this field should participate in the seminar. As regards revision of curricula and syllabi for other engineering and technological courses to suit the needs of our economy and industry, the existing arrangements at the Institutes of Technology, are adequate and a continuous process of revision and modernization, is going on satisfactorily.

Item No. 5 : To report on the progress of work of coordination of the recommendations of the Reviewing Committees.

The Council considered the recommendations made by Dr. Husain Zaheer on behalf of the Special Committee (as no other member was able to attend the meeting on the 15th of February 1974) and decided as follows:-

- (i) Dr. Zaheer's recommendation that the ratio of post-graduate to under-graduate student body in each Institute should stay at 1 : 2, as against the consensus of the

Reviewing Committees, should be further examined by the expanded Special Committee and its final recommendation placed before the proposed Council meeting in May 1974.

- (ii) Post-graduate activity in subjects of Engineering and Technology should be increased within the total student body of each Institute.
- (iii) Efforts should be made for Government Departments and public and private sector industries to sponsor their best young engineers to post-graduate and research courses at the Institutes of Technology in fields appropriate to their functions.
- (iv) Institutes which have an interest in life sciences, should be allowed to go into that field. The role of the Departments of Humanities should be examined by a Committee appointed for the purpose. Its report along with the comments of the respective Senates and Boards of Governors of the Institutes should come up for discussion at the meeting of the Council next year.
- (v) Regarding the recommendation that the Institutes should be financed through

a system of block grants over 5 year periods, the Council could not readily see the merit for a change from the present arrangement where developmental expenditure is already provided on a 5 year basis. Since Parliament will not vote funds for 5 years at a stretch, block grant would only be a paper commitment. It is also doubtful whether the system of block grants would permit a higher rate of increase than the present method. In the light of these considerations, the Council deferred a decision until the matter is examined in relation to the actual figures for the last 5 years.

- (vi) Procedure for amendment of statutes should be in accordance with the provision made in the Institutes of Technology Act.
- (vii) Dr. Zaheer at the meeting also suggested four additional items viz.
- (a) steps to strengthen administration,
 - (b) training of surplus class III and class IV staff; and
 - (c) follow-up of M. Techs and Ph.Ds trained at the Institutes.

- (d) The Chairman of the Board should also be the Chairman of Selection Committees for posts whose salaries are above Rs. 600 per month.

The expanded Special Committee may consider the suggestions.

Item No. 6 : To report on the annual progress of the Institutes.

The Council noted the progress of the Institutes.

Item No. 7 : To consider Revised Estimates 1973-74 and Budget Estimates 1974-75 in respect of 5 IITs.

The Council noted the Revised Estimates for 1973-74 and Budget Estimates for 1974-75 in respect of the 5 IITs.

Item No. 8 : To receive a note on the Fifth Five Year Plan proposals from the Institutes.

The matter was discussed already under Item No. 2. The Council was of the view that funds proposed by the Planning Commission would be inadequate and they should be raised. The Council also desired that the Institutes should take urgent steps to revise their plan proposals in the light of the recommendations of the N.C.S.T. and submit their fresh proposals, which should be examined by the expanded Special Committee and their report put up to the proposed meeting of the Council in May 1974 for consideration.

Item No. 9 : To consider procedure for amendment to statutes.

The Council observed that there is already a procedure indicated in the Institutes of Technology Act for addition, repeal and amendment of statutes, the first statutes having been made by the Council with the previous approval of the Visitor. Addition, repeal or amendment of statutes requires the previous approval of the Visitor. He may assent thereto or withhold assent or remit it to the Board for consideration. Each Board may take up addition, repeal or amendment of statutes on its own and the Central Government would make appropriate recommendation to the Visitor. Where, however, the proposed amendment is covered by the provisions of Section 33 of the Institutes of Technology Act, the matter will be placed before the Council. Even in other cases, the Minister would take into consideration the need for consulting some or all IITs if he considers it necessary in cases which need a coordinated approach.

Item No. 10 : To consider raising of registration fee for Joint Entrance Examination - Amendment to Statute.

The Council did not agree with the suggestion that the fee for the Joint Entrance Examination be raised on the ground that the amount collected is not sufficient to meet the expenditure involved.

The Council recommended that the net deficit incurred by the Institute which conducts the Joint Entrance Examination should be paid to it as a grant.

Item No. 11 : To consider amendment in statute 16A/18A and 16B/18B relating to GP Fund-cum-gratuity Scheme and GP Fund-cum-Pension-cum-Gratuity Scheme.

This should be dealt with in accordance with the decision under item No. 9.

Item No. 12 : To consider to amend Sections 11 and 14 of the Institutes of Technology Act 1961 re-constituting the composition of the Board of Governors and the Senate (Proposal from IIT Kanpur).

The Council decided that the subject matter of the item was not within its purview and it did not consider the same.

Item No. 13 : To consider provision for calling meeting of the Board of Governors at a short notice than prescribed under statute 2(7) - amendment to statutes (Proposal from IIT Delhi).

The Council felt that this provision is not necessary since, in an emergency, the Chairman can take a decision on behalf of the Board and report it to the next meeting. In any case if an amendment is needed, it should be in accordance with the decision under Item No. 9.

- Item No. 14 : To consider an amendment to para 11(c) of the G.P. Fund-cum-Gratuity Scheme as contained in Schedule E of the Statutes (Proposals from IIT Delhi).
- Item No. 15 : To consider amendments to Statute 12 dealing with the appointments. (Proposal from IIT Kanpur).
- Item No. 16 : To consider amendment to Statute 15(2) dealing with appointment on contract. (Proposal from IIT Kanpur).
- Item No. 17 : To consider an amendment to statute 13(9) dealing with the suspension of staff members and entitlement of subsistence allowance during the suspension period. (Proposal from IIT Delhi).
- Item No. 18 : To consider an amendment to Statute 22(c) (FEES) regarding grant of exemption to Scheduled Caste/Scheduled Tribe students from payment of tuition fees for post-graduate courses and Ph.D. work. (Proposal from IIT Kanpur).

These are all proposals for amendment to statutes and should be dealt with in accordance with the decision under item No. 9.

- Item No. 19 : To consider concessions to Scheduled Caste and Scheduled Tribe students. (Proposal from IIT Bombay)

The five Directors of the Indian Institutes of Technology at their meeting held on 17th and 18th September, 1973, considered the concessions recommended by the Committee on Welfare of Scheduled Caste and Scheduled Tribe students belonging to Scheduled Castes and Scheduled Tribes and made the following proposals:

- (i) Upper age limit for admission to the undergraduate courses in IITs be relaxed in the case of Scheduled Caste/Scheduled Tribes students upto a maximum of 5 years;

undergraduate courses in IITs has to pay registration fee of Rs. 15/- along with his application. The candidates belonging to the Scheduled Caste and Scheduled Tribes are exempted from payment of this registration fee;

- (iii) at present a single III class return railway fare is paid to candidates called for interview for Research Scholarships. This concession has been extended to the candidates belonging to the SC and ST for interview for admission to the undergraduate courses also.

All these concessions may be given with effect from the admission year 1974-75.

The Council agreed to the proposals made by the Indian Institute of Technology of Bombay.

- Item No. 20 : To consider exemption from the payment of tuition fees by the staff members pursuing post-graduate studies like M. Tech. M.Sc., P.G. Diploma etc. on part-time basis at the Institute.
(Proposal from IIT Delhi)

The Council observed that it is not right to amend the statute for a general approval for the exemption of tuition fees by staff members. The individual institutes should exercise their existing power to exempt any individual from the payment of fees.

- Item No. 21 : To consider proposal to participate in Computerised Information Service by all the IITs under the Unisist Programme.
(Proposal from IIT Madras).

The Council felt that this is a good proposal and merits consideration. It would be useful only if we build up our expertise and develop our own data base. It is also

necessary that there should be coordination with other interested agencies such as the CSIR and INSDOC. The financial involvement of the scheme has to be carefully worked out including assistance from UNESCO. After these formalities are completed, efforts can be made for assistance from UNESCO or alternatively to provide the entire funds on our own.

Item No. 22: To consider proposals for establishment of Central Union Catalogue of currently acquired publications in the Indian Institutes of Technology Libraries and Indian Institute of Science, Bangalore. (Proposal of IIT Madras).

The proposal of the IIT Madras for the establishment of a Central Union Catalogue of currently acquired publications in the libraries of the Institutes of Technology and the Indian Institute of Science, Bangalore, were accepted.

Item No. 23 : To consider the adoption of pay scales prescribed by the University Grants Commission for the post of Library Assistants. (Proposal from IIT Delhi).

Item No. 24 : To consider proposal to determine effective date for revision of scales of pay of Administrative and Library staff.

Item No. 25 : To consider revision of pay scales of certain administrative and technical posts. (Proposal from IIT Kanpur).

Item No. 26 : To consider the revision of daily-wage rate of Technicians. (Proposal from IIT Delhi).

Item No. 27 : To consider inter-changeability for the post of Store Purchase Officer with that of Assistant Registrar. (Proposal from IIT Delhi)

The Council expressed the view that matters like

this should be decided by the respective Boards of Governors in accordance with the general guidelines approved by the Council. If there be a doubt whether the Council should consider a particular proposal, it would be procedurally correct to have a Board meeting before the Council meeting where such matters are taken up and if they are placed before the Council, it is done only with the knowledge and approval of the concerned Board of Governors.

Item No. 28 : To consider the implementation of the recommendations of the Third Pay Commission for Classes II, III and IV categories of staff at the Institutes of Technology.
(Proposal from IIT Madras).

There was some discussion whether the salary scales in respect of Class II, III and IV categories of staff at the Institutes of Technology should be revised in accordance with the recommendations of the Third Pay Commission or they should follow the pay scales prescribed by the UGC for Central Universities or the CSIR for its corresponding posts. A view was also expressed that the Boards may accept the Third Pay Commission's recommendations with suitable modifications. The consensus was that it would be desirable to broadly accept the recommendations of the Third Pay Commission and have uniform scales for all the Institutes of Technology..

The Council decided that a Committee consisting of a representative of the Ministry of Education, a representative of the Ministry of Finance and the Finance Officers from the Institutes of Technology should examine the existing pay scales and the recommendations made by the Third Pay Commission in the light of the above considerations and decide upon a uniform basis of salary scales for all the Institutes of Technology for similar types of posts. This decision should be applied in preparing the pay bills for the month of March, 1974.

Item No. 29 : To consider proposal regarding surrender of leave by employees and payment of leave salary for the leave so surrendered. (Proposal from IIT Madras).

The Council did not agree that the Institute should adopt rules framed by the State Government.

Item No. 30 : To consider creation of new cadre of nursery Teacher for IIT Nursery School (IIT New Delhi). Proposal from IIT Delhi.

The Council was of the view that this matter should be decided by the Board of Governors of the Institute.

9 additional items received late were placed on the table for consideration of the Council. The

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Chairman, however, decided that these be postponed for the next meeting of the Council. He also requested the Directors and the Boards of Governors of the Institutes that unless it is very essential, they should not be sending proposals upto the last minute.

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