

MINUTES OF THE THIRD MEETING OF THE
COUNCIL FOR THE INDIAN INSTITUTES OF
TECHNOLOGY ESTABLISHED UNDER THE
INSTITUTES OF TECHNOLOGY ACT, 1961,
NO. 59 OF 1961.

1. The Third Meeting of the Council of the Indian Institutes of Technology was held in New Delhi on Saturday, the 14th September, 1963. The following were present :-

1. Prof. Humayun Kabir Chairman
2. Shri C.B. Gupta
3. Prof. S.K. Bose
4. Shri L.S. Chandrakant
5. Prof. R.D. Choksi
6. Shri R.M. Deshmukh
7. Dr. S. Dhawan
8. Shri K. Hanumanthaya
9. Dr. P.K. Kelkar
10. Shri S.S. Khera
11. Dr. D.S. Kothari
12. Shri A.N. Mafatlal
13. Dr. A.L. Mudaliar
14. Shri R.P. Padhi
15. Dr. T. Sen
16. Dr. S.R. Sen Gupta
17. Prof. B. Sengupto
18. Prof. M.S. Thacker
19. Shri H.S. Shahani Secretary.

2. Dr. M.M. Das, Deputy Minister, Ministry of S.R. & C.A., Shri A.K. Ghosh, Secretary, Ministry of S.R. & C.A. and Shri R.N. Dogra, Principal, College of Engineering and Technology, Delhi were present by special invitation.

3. The following members regretted their inability to attend :-

1. Shri P.C. Sen
2. Shri J.J. Ghandy
3. Shri Kasturbhai Lalbhai
4. Prof. P. Maheshwari
5. Shri P.R. Ramakrishnan
6. Shri M.R. Sherward
7. Dr. S.H. Zaheer

4. The Chairman informed the Council that the Institutes of Technology (Amendment) Act, 1963, declaring the College of Engineering and Technology, Delhi, as an institute of national importance and re-naming it as 'Indian Institute of Technology, Delhi', had come into force on 13th September, 1963 and the Delhi Institute had become the fifth member of the family of Higher Technological Institute. He welcomed the new Institute and its Chairman, Prof. M. S. Thacker.

Item No. 1: To confirm the minutes of the Second meeting held on 7th September, 1962.

5. It was reported that the minutes of the Second Meeting held on 7.9.62 had been circulated to the members and no comments had been received. The name of Dr. S.H. Zaheer, D.G., C.S.I.R., however, had inadvertently been omitted from the list of members who attended the meeting and necessary correction had since been made. With this correction made, the Council confirmed the minutes.

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

6. The Council recorded the report.

Item No. 3: To report the present state of development of the Institutes.

7. The Council was informed that the Indian Institutes of Technology, Kharagpur, had admitted in the current session 139 students to post-graduate courses, both for Masters Degree and for Diploma and the admissions to the Trade Apprenticeship course were only 37. The Council was also informed of the correct position in respect of the West German assistance to the Indian Institute of Technology, Madras as below :-

- (1) 7 Professors including one language Lecturer and 5 foremen in position;
- (2) 17 fellowships have been utilised;
- (3) Equipment worth about Rs. 77.22 lakhs has been received.

8. The council recorded the report subject to the above corrections.

Item No. 4 : To consider the revised estimates for 1963-64 and budget proposals for 1964-65 of the Institutes and to recommend to the Central Government the funds to be allocated in 1964-65.

9. The Council examined the annual budget estimates of each Institute as prepared by its Board of Governors. Dr. D. S. Kothari, suggested that since the Indian Institute of Science, Bangalore is also functioning at the same level as the I.I.Ts. it would be a good thing if the Council examined the budget of the Institute and its development plan and gave advice to the University Grants Commission. He explained that this arrangement will make for Co-ordination between all the Institutes. Shri Padhi pointed out that the powers and functions of the Council had been laid down in the Act and as such, there might be a constitutional bar to the Council's considering the budget of the Bangalore Institute and making recommendations. The Chairman welcomed the suggestion of Dr. Kothari and stated that the correct legal position will be examined by the Secretariat, but since the University Grants Commission itself had asked for such advice there should be no objection to its being given by the Council.

10. The Council noted that out of the present plan allocation to the Kanpur Institute an amount of only Rs. 31 lakhs would be available for the Institute in 1965-66 and this provision was totally insufficient for its development plan. Dr. Kelkar explained that in preparing the estimates ~~xxx~~ he had taken the U. S. aid as additional to the Plan allocation, but according to the directive of the Government the aid received was also a part of the plan allocation and as such, the position required to be reconsidered. He also stated that the master plan of the Institute will be ready in the course of next 2-3 months and the plan will indicate the precise requirements.

11. The Chairman stated that the Government was committed to the full establishment and development of all the Higher Technological Institutes and as such, there was no question of lack of funds for the Kanpur Institute. He suggested that as soon as the Master Plan was ready the Ministry should consider in consultation with the Planning Commission how the required funds should be provided.

12. The Council endorsed the budget proposals as formulated by the Boards of Governors and recommended to the Central Government allocation of funds as below :-

	<u>1963-64</u>	<u>1964-65</u>
	(Revised)	
	(Rupees in lakhs).	
<u>I. I. T. Kharagpur</u>		
Recurring	90.83	108.58
<u>Non-recurring</u>		
Buildings	31.62	41.47
Equipment etc.	<u>11.57</u>	<u>14.75</u>
Total	134.02	164.80
Less income	<u>13.08</u>	<u>15.24</u>
Grants recommended:	<u>120.94</u>	<u>149.56</u>
(11) <u>I. I. T. Bombay</u>		
<u>Recurring</u>	73.11	90.06
<u>Non-recurring</u>		
Buildings	46.08	40.00
Equipment etc.	9.02	13.50
Total:	<u>128.21</u>	<u>143.56</u>
Less income	<u>8.21</u>	<u>9.79</u>
Grants recommended	<u>120.00</u>	<u>133.77</u>

(iii) I. I. T. Madras

<u>Recurring</u>	41.05	55.36
<u>Non-recurring</u>		
Buildings	94.00	80.00
Equipment etc.	<u>26.70</u>	<u>28.86</u>
Total:	161.75	164.22
Less income	<u>6.26</u>	<u>7.39</u>
Grants recommended	<u>155.49</u>	<u>156.83</u>

(iv) I. I. T. Kanpur

<u>Recurring</u>	29.28	42.43
<u>Non-recurring</u>		
Buildings	80.50	97.00
Equipment	15.00	15.00
Equipment under US/AID	<u>25.00</u>	<u>30.00</u>
Total:	149.78	184.43
Less income	<u>1.55</u>	<u>2.38</u>
Grants recommended	<u>148.23</u>	<u>182.05</u>

←

(v) I. I. T. Delhi

<u>Recurring</u>	23.40	36.19
<u>Non-recurring</u>		
Buildings	57.19	63.48
Equipment etc.	<u>12.14</u>	<u>20.89</u>
Total:	92.73	120.56
Less income	<u>1.66</u>	<u>3.06</u>
Grants recommended:	<u>91.07</u>	<u>117.50</u>

Item No. 5 : To consider the following matters pertaining to the common admission test of the institutes :

(i) Review of the present system of Common Entrance Examination :

13. In the course of a detailed discussion on the subject some members pointed out that because of the mixed type of population of Delhi and Bombay and the highly cosmopolitan nature of these cities, the Bombay and Delhi Institutes could not be said to be losing their all-India character in admitting a larger proportion of students from their respective areas. Other members stated that the question of why a sufficiently large number of students from outside the States where the Institutes are located were not joining should be examined in detail. It was also pointed out that the present pattern of admissions was due to a complex of various factors and an important factor was the personal preferences of the students for a particular course. A large proportion of students are asking for Mechanical or Electrical Engineering and if they do not get them, they prefer to join other Colleges in their own States that offer the subjects of their choice.

14. The Chairman stated that the data now available were not sufficient to take any decision in the matter. As such, the position should be reviewed each year for the next 3 years. Meanwhile, the secretariat should prepare a further analysis of the admissions made in 1963 to indicate the number of applications from each State, the number who sat for the examination, the number who qualified and were called for interview, the number of candidates who were given admission and the number who actually joined.

15. The Council agreed with the suggestion of the Chairman and decided that the present system of admissions should continue till the position was reviewed.

16. The Council agreed that in the circumstances explained by the Government of Maharashtra, the upper age limit for admission to the first year of the five-year integrated courses may be raised to 19 years.

- (ii) Request of the Punjab Government for continuance of the Common Entrance Examination for the second year class at the I. I. T. Kharagpur and Bombay beyond 1964.

17. The Council did not agree to the proposal of the Government of Punjab for the continuance of admissions to the second year of the five-year degree course at the Kharagpur and Bombay Institutes beyond 1964. In this connection, the Council pointed out that the present provision had been made as a very special case to extend an opportunity to the students of those States where secondary education had not been reorganised and the deadline of 1964 was sufficient. The Council also pointed out that the decision taken to raise the upper age limit for admission to the first year to 19 and the provision from this year for the admission of science graduates to a three-year degree course in engineering would cater for students of those States where secondary education was still in a process of reorganisation.

- (iii) Permission to candidates who pass the Indian School Certificate Examination to take the test.

18. The Council agreed that a pass in the Indian School Certificate examination with Physics, Chemistry and Mathematics ~~with~~ should be ~~xxxxx~~ recognised for admission to the first year class of the five-year integrated courses.

Item No. 6 : To consider holding Common Admission test for admission to three year degree courses in Engineering and Technology and two year M. Sc. Degree courses after B.Sc. from the session 1964-65.

The Council was of the view that since admissions to the three-year degree courses had been made for the first time this year, sufficient experience had not been gained to suggest that a common admission examination should be held for these courses as well. The Council decided that the present system should continue but admissions should be open only to those Science graduates who had qualified in Physics, Chemistry and Mathematics. The Council

also decided that where because of the rules and regulations of individual universities, a particular graduate had not qualified in all the three subjects mentioned above, the Institute concerned may hold a test to examine the competence of the candidate in the concerned subjects.

Item No. 7: To consider the question of creation of cadres of (a) Deputy Registrar (b) Senior and Junior Laboratory Assistants and (c) Midwives at the Institutes.

20. The Council agreed to the creation of the cadre of Deputy Registrar in the pay scale of Rs. 700-40-1100-50/2-1250 at the Kharagpur Institute.

21. The Council noted that the subordinate administrative, technical and other staff of all the Institutes had as many as 186 different cadres of which only 55 were common to all. The Council also noted that a large number of posts in the different Institutes with similar duties and ~~functions~~ functions bore different designations and carried different pay scales. The Council expressed the view that such a large multiplicity of cadres did not make for rationalisation, nor, for a clear definition of the duties and responsibilities of different cadres. It was, therefore, decided that a Committee should be set up as below to review the entire position and to suggest the lines along which the cadres should be rationalised, the pay scales to be sanctioned for the different cadres and to define the duties and responsibilities of each cadre :

Shri R. P. Padhi
Dr. S. R. Sen Gupta
Prof. S. K. Bose
Prof. B. Sengupto
Dr. P. K. Kelkar
Prof. R. N. Dogra
Shri H. S. Shahani . . . (Secretary)

22. The Council decided that the question of creation of Laboratory Assistants and Midwives should be considered by the above Committee.

Item No. 8 : To consider the question of revision of pay scales for the following posts:

(i) Professors, Associate Professor, Assistant Professor, Lecturer.

23. After a detailed discussion, the Council came to the conclusion that the present four-tier staff structure was suitable and no change in structure or pay scales was necessary.

(ii) Revision of pay scales of Workshop Superintendent.

(iii) Pathologist

(v) Physical Training Instructor

(vi) Assistant Accountant

(vii) Stenographer.

24. The Council decided that this matter should be examined by the Committee set up under item No. 7 para 21.

(iv) Revision of pay scale of Librarian.

25. The Council decided that the pay scale of Librarian at the Institutes be revised to that of Assistant Professor viz. Rs. 700-50-1250.

Item No. 9 : To consider the proposal of the Inter-University Board to admit the Institutes of Technology as Associate Members.

26. The Council expressed the view that since the Institutes had been set up under an act of Parliament and functioned on a par with Universities, they should join the Inter-University Board as full members and not as associate members. It was decided that the Secretariat should take up the matter with the Inter-University Board.

Item No. 10 : To consider the question of grant of "sabbatical" leave to the staff of the Institutes.

27. The Council considered it important and necessary to institute a scheme of sabbatical leave for the teaching staff of the Institutes in order to extend to them opportunities as below :-

- (a) To conduct research or advanced studies at other centres.
- (b) To write textbooks, standard works etc.
- (c) To visit or work in industrial concerns, technical departments of Government etc., to gain practical experience in their respective fields.
- (d) to travel within India or abroad for self-education.

The Council decided that in the initial stages, the maximum sabbatical leave admissible to an individual under the scheme should be fixed at six months in addition to whatever leave has been earned by him during his service at the Institute. Further, the sabbatical leave should be treated as a ~~privilege~~ and not as a right and it should be left to the discretion of the Institute to sanction the leave in individual cases. The Council also decided that the sabbatical leave should be admissible to an individual only when he has put in a minimum of six years service in the Institute. The Council also decided that during sabbatical leave, the individual concerned should be paid full salary, but he shall not be allowed to undertake any paid work outside.

Item No. 11 : To consider a proposal to enhance the age of superannuation to 63 in the case of academic staff (I. I. T. Kharagpur).

28. The Council decided that the age of superannuation should remain 60 as at present but an institute may grant extension in individual cases, in accordance with the provision contained in Statute 13 (2).

Item No. 12: To consider the question of Introduction of the Death-cum-Retirement Gratuity at the Institutes (I. I. T. Kharapur).

29. The Chairman suggested that instead of death-cum-retirement gratuity, the staff members may be insured by the Institute with the L.I.C. with the premium paid out of the Institutes' Provident Fund Contribution. The Council welcomed the suggestion and decided that the Secretariat should examine the matter further in the light of the existing Provident Fund rules.

Item No. 13 : To consider certain amendments proposed by I. I. T. Madras to (a) Statutes relating to Selection Committees.

30. The Council was of the opinion that both from an academic and from an administrative point of view, it was desirable that the Director should be the Chairman of the Selection Committees as provided in the Statutes.

(b) The C.P.F. Provisions in schedule 'C' to the Statutes.

31. The Council endorsed the recommendations of the Board of Governors of the Indian Institute of Technology, Madras, in respect of revision to the C.P.F. provisions in schedule (c) to the statutes. The Council also recommended that the other Institutes may consider similar amendments to their respective statutes.

(c) Amendments proposed by I. I. T. Bombay to the Statute relating to the Deptts. of the Institute.

32. The Council approved the recommendation of the Board of Governors, I. I. T. Bombay regarding establishment of a separate Department of Chemistry.

Item No. 14 : To lay down procedures regarding medical fitness on candidates for employment at the Institutes.

33. The Council noted that the present statutes made sufficient provision for individual cases of medical fitness being reconsidered on merits by the Boards of Governors. The Council, therefore, did not think it necessary to amend the statutes.

Item No. 15 : To consider the letter of Chairman University Grants Commission regarding insistence on migration certificate by technical institutions from fresh entrants.

34. The Council noted that the Institutes did not ask for migration certificates from fresh entrants.

Item No. 16 : To consider the system of examinations and rules for promotion to higher class as at the Institutes of Technology.

35. The Council noted that the Scheme of examination followed by Institutes provided for a sufficient evaluation of the performance of students throughout their studies each year and that the scheme was not inflexible. The Directors of Madras and Kanpur Institutes informed that their own systems of examinations were being further revised.

Item No. 17 : To prescribe the fees payable by students for Ph.D. at the Institutes.

36. The Council decided that all research students working for Ph.D. Degrees should be required to pay a tuition fee of Rs. 300/- per annum excepting teachers of the Institutes who registered themselves for this degree. The Council also noted that since all research scholars were awarded scholarships of a reasonable value, it would not be a hardship to them to pay the tuition fee of Rs. 300/- per annum. The statutes may be accordingly amended.

Item No. 18 : To consider the latest decision of the Ministry of Home Affairs regarding forwarding of applications of scientific and technical personnel to outside posts.

37. The Council decided that till the staff position at the Institutes improved, the present rule of forwarding only one application in a year should continue.

Item No. 19 : To report the award of scholarships to all students admitted to M. Sc. courses in science subjects at I.I.T. Madras.

38. The Council noted that in accordance with the statutes, the Madras Institute had awarded scholarships to only 25% of the students admitted to Master's degree course in science subjects in 1963-64 and the award of scholarships in future years will be governed by the same rules.

Item No. 20 : To report the creation of cadres of Meter Readers and Senior Scales Malees ~~Malees~~.

39. The Council approved the creation of the cadres of meter readers and malees at the senior scale at the Kharagpur Institute provisionally and decided that the question of retention of these cadres on a long-term basis should be decided in the light of the recommendations of the Committee appointed under Item 17 para 21.

Item No. 21 : Any other business with the permission of the Chairman.

(1) To nominate four persons on the Board of Governors of I.I.T. Delhi.

40. The Council authorised the Chairman to nominate four persons on the Board of Governors of the Indian Institute of Technology Delhi.

(ii) To appoint the Director of the I.I.T., Delhi.

41. The Council appointed a Selection Committee as below:-

1. Chairman of the Council (Chairman)
2. Chairman of the Board of Governors, I.I.T., Delhi.
3. Chairman, U.G.C.
4. Dr. S.R. Sen Gupta, (nominated by the Chairman of the Council).

42. On the recommendations of the Committee, the Council recommended Prof. R.N. Dogra as the Director of the Institute and decided that the approval of the Visitor be sought to the appointment.

Item No. 22 : To consider the question of creating Supernumerary posts at the Institutes for the absorption of young Indian scientists returning from abroad.

43. The Council welcomed the suggestion of the Central Government regarding creation of supernumerary posts to absorb young scientists and engineers returning from abroad and recommended that the Board of Governors of each Institute may create a suitable number of supernumerary posts for the purpose. The Council also recommended that the appointments made to the supernumerary posts should be for a maximum period of one year in each case.

Item No. 23 : To frame the first Statutes of the Indian Institute of Technology, Delhi, as required under section 27 (1) of the Institutes of Technology, Act, 1961.

44. The Council decided that the Statutes as framed for the I.I.Ts of Bombay, Madras and Kanpur be adopted for the Indian Institute of

Technology, Delhi, subject to the following amendments in respect of Departments :-

"19. Departments:

- a) Applied Electronics
- b) Chemical Engineering
- c) Chemistry
- d) Civil Engineering
- e) Electrical Engineering
- f) Humanities
- g) Mathematics
- h) Mechanical Engineering
- i) Physics
- j) "Textile Technology".

45. The Council decided that the statutes with the above amendments be submitted to the visitor for approval.

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