

With best compliments from
Registrar
Indian Institute of Science
Bangalore

CONFIDENTIAL

**Minutes of the Meeting of the Council of the Indian Institute of
Science, Bangalore, held at 10 a.m., on Monday, the 14th of
September 1959, in the Council Chamber of the Institute.**

Present

PROF. R. CHOKSI (*Chairman*)
PROF. D. J. BADKAS, Dean of the Engineering Faculty
DR. S. BHAGAVANTAM, *Director*
MR. G. K. CHANDIRAMANI
MR. B. D. JATTI, Chief Minister (In charge of Home and Industries),
Government of Mysore
DR. K. S. KRISHNAN
MR. SAMUEL MATHAI
PROF. R. NATARAJAN, Dean of the Science Faculty
PROF. N. K. SIDHANTA
MRS. PIROJA J. VESUGAR
MR. A. G. PAI, *Registrar (Secretary)*

The following members regretted their inability to be present:

DR. H. J. BHABHA
MR. K. MADHAVA MENON
PROF. S. K. MITRA
SIR A. LAKSHMANASWAMI MUDALIAR
MR. C. R. NARASIMHAN
DR. A. NAGARAJA RAO
MR. T. SUBRAMANYA, Minister for Law and Labour, Government
of Mysore
MR. A. V. VENKATESWARAN

DR. D. D. KARVE was abroad.

1. The minutes of the meeting of the Council held on the 29th of June 1959 were confirmed with the modification that the words "of the administrative duties" after the words "be placed in-charge" in items 13.1 and 13.2 be omitted.

2. The Chairman reported that the Director desired to proceed on leave for 30 days from the 21st of September 1959.

RESOLUTION I.—That (i) the Director be permitted to avail himself of earned leave for 30 days from the forenoon of 21st September 1959 and (ii) during the period of leave of the Director, Prof. R. S. Krishnan, Professor of Physics, be requested to perform the current duties of the Director.

3. The report of action taken on/present position of, the Council Minutes of 29th June 1959, was received.

Item 15 of
Council Minutes of
29-6-1959

3.1. The Director, after contacting Dr. Narendra P. Loomba, M.S. (Elec-Engg.) (M.I.T.), Ph.D. (Ind. Management) (Wisconsin), in accordance with the indication given by the *Ad Hoc* Committee for the post of Assistant Professor of Industrial/Business Administration, reported that Dr. Loomba would be available for services at the Institute after one year and that he desired a starting salary of Rs. 1,000 p.m.

RESOLUTION II.—That the post of Assistant Professor of Industrial/Business Administration be readvertised.

4. The report of action taken on/present position of, matters pending under the previous Council minutes, was received and recorded.

5. It was reported:

5.1. that the Government of India in the Ministry of Scientific Research and Cultural Affairs had conveyed the approval of the Visitor to the following amendment to Regulation 2.11 (Council Resolution XV of 5th February 1959):

“2.11. The nominee of the Lok Sabha shall cease to be a member of the Council if within the said period of three years the House is dissolved or its term expires or the member concerned ceases to be a member of the Lok Sabha. The nominee of the Rajya Sabha shall cease to be a member of the Council if within the said period of three years he ceases to be a member of the Rajya Sabha.”

Recorded.

5.2. that the Visitor had been pleased to approve, under Regulation 8.04, of the extension of the period of contract of Prof. D. J. Badkas, Professor of High Voltage Engineering, till the attainment of the age of 60 years by him and for such further period as may be necessary to complete the academic session for the time being during which he attains such age, the other conditions of appointment being the same as at present (Resolution XXI of 21st December 1957).

Recorded.

5.3. that on a reference received from the Ministry of Scientific Research and Cultural Affairs and on consideration of the report from Prof. G. K. M. Pfestorf on the work in West Germany of Mr. B. N. Jayaram, Lecturer, it had been indicated to the Ministry that the Institute is agreeable to the extension of the 2-year period of Mr. Jayaram's stay abroad by another year to enable him to complete the work for the doctorate, the extension being subject to the continuation of the West German Government Scholarship during the period of extension.

Recorded.

5.4. that in answer to the reference made to the Director-General of Scientific and Industrial Research, intimation had been received from the Council of

Scientific and Industrial Research that its Governing Body at its last meeting further discussed the subject of gas turbine research and decided that the Committee which was constituted with Mr. J. R. D. Tata as Chairman review the position in the light of the subsequent developments.

Recorded.

6. It was reported that the Director had:—

6.1. accepted membership of the Engineering Science and Research Committee of the Institution of Engineers (India).

Recorded.

6.2. under Regulation 8.054, appointed Mr. V. Ramachandran, B.Sc. (Madras), D.I.I.Sc. (Met.), as a temporary Lecturer for a period of six months in the post vacated by Mr. B. S. Subramanya, resigned, pending the post being filled.

Recorded.

6.3. appointed Dr. K. G. Rama Rao, M.A. (Mysore), Ph.D. (London), for part-time lecturing work in the Section of Economics and Social Sciences for a period of one year from the 10th of August 1959, *vice* Mr. S. K. Bose, Assistant Professor, granted leave without pay and allowances for one year.

Recorded.

6.4. accepting the recommendations of the *Ad Hoc* Committee under By-law 6.52, appointed the following to the sanctioned vacant posts of Technical/Research Assistants, etc., in the Departments/Sections:—

Name	Start- ing salary Rs.	Salary drawn in the previous appointment, if any
FOREMAN IN THE GRADE Rs. 300-20-500		
<i>Mechanical Engineering Section</i>		
Mr. B. Ramaswamy Rao, L.E.E. (16 years of experience)	300 p.m.	Rs. 270 p.m. as Technical Assistant
TECHNICAL ASSISTANTS IN THE GRADE Rs. 250-10-300-15-450-25/2-500		
<i>Department of Internal Combustion Engineering</i>		
Mr. K. N. Gupta, B.Sc. (Mech. Engg.) (Banaras) II Class (2 years of research experience)	250 p.m.	
Mr. S. L. V. Chary, B.Sc. (Hons.) (Andhra) II Class, M.Sc. (Appld. Phys.) (Andhra) I Class (15 years of experience)	345 p.m.	Rs. 575 p.m.

Name	Starting salary Rs.	Salary drawn in the previous appointment, if any
SENIOR RESEARCH ASSISTANTS IN THE GRADE Rs. 250-10-300-15-450-25/2-500		
<i>Department of Organic Chemistry</i>		
Mr. S. N. Balasubrahmanyam, B.Sc. (Mysore), M.Sc. (Banaras) (2 years of experience) —Temporary for 6 months	250 p.m.	Rs. 210 p.m. as Junior Research Assistant
<i>Electrical Engineering Section</i>		
Mrs. C. Lakshmi Bai, B.Sc. (Hons.) (Mysore), I Class, D.I.I.Sc. (E.T.), M.S.E.E. (Wisconsin)	300 p.m.	
<i>Department of Electrical Communication Engineering</i>		
Mr. T. K. Ramaswamy, B.Sc. (Hons.) (Mysore), I Class, I Rank [Completed D.I.I.Sc. (E.C.E.) Course]	250 p.m.	
JUNIOR RESEARCH ASSISTANT IN THE GRADE 160-10-330		
<i>Department of Inorganic and Physical Chemistry</i>		
Mr. K. Srinivasan, B.Sc. (Hons.) (Mysore), II Class, M.Sc. (Mysore), II Class (10 years of teaching and 3 years of research experience)	200 p.m.	

Recorded.

6.5. appointed Dr. F. F. Clairmonte, D.Sc., for part-time lecturing work in German on a temporary basis from 1st August 1959 on an honorarium of Rs. 400 p.m. (*vide* Resolution XL of 1st October 1958).

Recorded.

6.6. in answer to a communication received from the Government of India in the Ministry of Scientific Research and Cultural Affairs, had recommended the following members of staff for specialised work in the institutions under the Soviet Academy of Sciences, U.S.S.R., in the fields mentioned against them, for a period of 6-8 months each:—

Name and Designation	Field of Study
Prof. M. R. K. Rao, Professor of Internal Combustion Engineering	Spectrographic and High Speed Photo- graphic Studies of Combustion— Combustion in I.C. Engines.
Dr. M. Sirsi, Assistant Professor of Pharmacology	General Pharmacodynamic Techni- ques; Neuropharmacology; and the Role of Nervous Systems in the Pathogenesis of Diseases
Dr. M. Krishnamurthi, Lecturer, Director's Research Laboratory	Radio Astronomy

6.61. The Director reported that Prof. M. R. K. Rao's name has since been withdrawn as he has been selected for work abroad under the Indo-French Technical Co-operation Programme.

Recorded.

6.7. agreed to the request of Prof. K. R. Krishnaswami that he be permitted to continue in the quarters at present being occupied by him for another two months, viz., from the 1st of September to the 31st of October 1959, or till he secures a house outside, whichever is earlier, on payment of rent and other charges as at present.

Recorded.

6.8. agreed to the extension of the period of leave without allowances sanctioned to Dr. K. Vedam, Senior Research Assistant in the Department of Physics, from 26th October to 30th November 1959 on the same conditions as at present, in view of the delay in his return to India owing to cancellation of the bookings on an earlier boat by the steamship company consequent on a change in its schedule.

Recorded.

7. The following reports were received and recorded:—

7.1. That the Visitor having approved of his appointment, Dr. P. S. Sarma had assumed charge of the duties of the post of Professor of Biochemistry on the forenoon of the 20th of August 1959 (Resolution VIII of 29th June 1959).

7.2. That the Visitor having approved of his appointment, the post of Professor of Electrical Communication Engineering had been offered to and accepted by, Prof. S. V. C. Aiya (Resolution IX of 29th June 1959).

7.3. That the Director had placed Dr. B. S. Ramakrishna, Assistant Professor in the Department of Electrical Communication Engineering, in charge of the duties of the Professor of Electrical Communication Engineering in addition to his normal duties, with effect from the forenoon of the 10th of July 1959 till the

Professor (designate) of Electrical Communication Engineering assumes charge of the duties.

8. A report that the period of contract of service for three years of Prof. R. Natarajan, Professor of Industrial Engineering and Administration, would expire on the afternoon of the 13th of June 1960, was received.

8.1. It was decided that the post of Professor of Industrial Engineering and Administration to fall vacant on Prof. Natarajan's retirement be advertised.

9. The report that on the request of the Council of Scientific and Industrial Research, Dr. T. Rama Sharma, Ph.D. (Biochemistry), D.I.I.Sc. (Ch.Engg.), who had been selected for inclusion in the Scientists' Pool for temporary placement, had been given facilities to work temporarily in the Department of Biochemistry for a period of one year or until he is appointed to any post, whichever is earlier and that during this period, Dr. Sharma would be paid by the Council of Scientific and Industrial Research a consolidated salary of Rs. 500 p.m., was received and recorded.

10. A report that the Technical Co-operation Mission authorities had intimated that all the books which had been brought over and left at the Institute by the various experts under the T.C.M. Programme might be considered to have been transferred to the Institute, was received.

RESOLUTION III.—That the thanks of the Council be conveyed to the T.C.M. authorities and to Dr. Howard W. Mason.

11. A report on permission granted by the Director to members of the staff to serve on outside Committees, Scientific/Technical Associations, etc., there being no financial commitment to the Institute, was received and recorded.

11.1. It was decided that in future such a report be submitted to the Council only once a year.

12. A statement of consultative private practice undertaken by members of the Group I staff since the last report to the Council was received and recorded.

13. A recommendation by the Director that Prof. M. R. A. Rao, Professor of Physical Chemistry in the Department of Inorganic and Physical Chemistry, be confirmed in his appointment, was considered.

RESOLUTION IV.—That Prof. M. R. A. Rao, Professor of Physical Chemistry, be confirmed in his appointment and continued in the post till he attains the age of 60 years and for such further period as may be necessary to complete the academic session during which he attains such age.

14. Reports of satisfactory work having been received from the Professors/Assistant Professors, etc., in charge of Departments/Sections concerned, the recommendation of the Director on the confirmation of certain members of staff in their respective appointments was considered.

RESOLUTION V.—That (i) the following members of the staff be confirmed in their appointments and continued in their posts till they attain the age of 60 years and for such further period as may be necessary to complete the academic session during which they attain such age;—

Technical Assistants—

Miss G. Clairon,
Modern European Languages.

Mr. V. S. Rajamani,
Department of Aeronautical Engineering.

Mr. P. R. Srinivasan,
Mechanical Engineering Section

and (ii) the following members of the staff be confirmed in their appointments and continued in their posts till the dates noted against each:

Till the afternoon of

Senior Research Assistants

Mr. R. Ramakrishna, 10th September 1963
Department of Internal Combustion Engineering

Mr. P. Narayana Raju, 28th September 1963
Department of Aeronautical Engineering

Junior Research Assistant—

Mr. S. Rajinder Kumar, 30th November 1963
Department of Chemical Technology and Chemical
Engineering.

RESOLUTION VI.—That under Regulation 8.051, the following gentlemen be nominated on the *Ad Hoc* Committee for the post of:—

Assistant Professor in the Department of Inorganic and Physical Chemistry—

Dr. Jagdish Shankar,
Principal Research Officer,
Chemistry Division,
Atomic Energy Establishment, Bombay.

Failing him,

Dr. K. S. G. Doss,
Director,
Central Electrochemical Research Institute,
Karaikudi.

Lecturer in the Department of Metallurgy—

Prof. Brahm Prakash,
Head of the Metallurgy Division,
Atomic Energy Establishment,
Apollo Pier Road,
Bombay 1.

Failing him,

Dr. D. P. Antia,
National Carbon Co. (India) Ltd.,
18 A, Brabourne Road,
Calcutta.

15. The reports of the *Ad Hoc* Committees for the following posts were considered:—

15.1. Lecturer in the Department of Organic Chemistry.

15.2. Lecturer in the Department of Metallurgy.

RESOLUTION VII.—That (i) under the Scheme, Regulations and Bye-laws of the Institute, Dr. T. R. Kasturi, B.Sc. (Hons.) (Mysore), M.Sc., Ph.D., be appointed Lecturer in the Department of Organic Chemistry, on an initial salary of Rs. 350 p.m. in the grade Rs. 350-30/2-410-30-590-E.B. 30-770-40-850 *plus* dearness allowance admissible, from the date of his taking charge of the duties of the post; and (ii) failing Dr. Kasturi, the post be offered to Dr. K. W. Gopinath, B.Sc. (Hons.), Ph.D. (Madras), on the same terms and conditions.

RESOLUTION VIII.—That (i) under the Scheme, Regulations and Bye-laws of the Institute, Dr. M. Ramakrishna Rao, M.Sc. (Andhra), Ph.D. (Osmania), be appointed Lecturer in the Department of Metallurgy, on an initial salary of Rs. 350 p.m. in the grade Rs. 350-30/2-410-30-590-E.B. 30-770-40-850 *plus* dearness allowance admissible, from the date of his taking charge of the duties of the post; (ii) he be required to undergo training in the use of electron microscope at the National Physical Laboratory, if considered necessary; and (iii) he be confirmed in his appointment on satisfactory completion of the period of such training if arranged and of probation.

16. A request from Dr. R. L. Datta, Lecturer in the Department of Chemical Technology and Chemical Engineering, that the two increments withheld permanently under Council Resolution I of 5th February 1958 be allowed to be drawn by him with effect from the 1st of June 1959.

16.1. The Council regretted its inability to revise the decision taken by it under Resolution I of 5th February 1958 withholding two increments permanently.

17. The recommendations of the Senate since the last meeting of the Council were considered.

Item 1 of
Senate
in Circulation

RESOLUTION IX.—That as recommended by the Senate, the Membership of the Institute be awarded to Mr. T. N. R. Varma, M.Sc. (Banaras), I Class, for his thesis entitled "Spectrophotometric studies on Indian marine and freshwater fish liver oils" [Board of Referees: Prof. R. A. Morton, Biochemistry Department, Johnston Laboratories, University of Liverpool, Liverpool (*Chairman*) and Dr. Thomas Moore, Dunn Nutritional Laboratory, University of Cambridge and Medical Research Council, Cambridge (*Member*)].

Items 2 to 7 of
Senate in
Circulation

RESOLUTION X.—That as recommended by the Senate, the Associateship of the Institute be awarded to the following:—

(a) Mr. N. S. Krishna Prasad, M.Sc. (Nagpur), II Class, for his thesis entitled "Differential thermal analysis and X-ray diffraction studies on manganese dioxide" (Referee: Dr. S. K. Bhattacharyya, Professor and Head of the Department of Applied Chemistry, Indian Institute of Technology, Kharagpur).

(b) Mr. B. R. Vasudeva, B.E. (Mech.) (Mysore), II Class, D.I.I.Sc. (A.E.), for his thesis entitled "Studies on the pitot tube displacement effect in boundary layer measurements" (Referee: Mr. G. M. Lilley, Deputy Head, Aerodynamics Department, College of Aeronautics, Cranfield, Bletchley, Bucks, England),

(c) Mr. V. Prabha Shankar, B.E. (Elec.) (Mysore), II Class, for his thesis entitled "Testing of transformer oils" (Referee: Dr. J. C. Balsbaugh, Consulting Engineer, Marshfield Hills, Massachusetts).

(d) Mr. C. V. Doreswamy, B.E. (Elec.) (Mysore), I Class, for his thesis entitled "Radio interference characteristics of insulators and line materials" (Referee: Prof. P. K. Kelkar, Deputy Director, Indian Institute of Technology, Bombay).

(e) Mr. V. Kumar, B.Sc., B.Sc. (Tech.) (Madras), II Class, for his thesis entitled "A general investigation on the adsorption of uranyl nitrate and uranyl acetate solutions on different adsorbents" (Referee: Dr. P. S. Mene, Director, Laxminarayan, Institute of Technology, Nagpur University, Nagpur).

(f) Mr. K. S. Anantha Raman, B.Sc. (Tech.) (Nagpur), I Class, for his thesis entitled "Studies on the demineralisation of Athabasca bituminous sands by phase-separation method" (Referee: Dr. M. N. Rao, Professor of Chemical Engineering, Indian Institute of Technology, Kharapur).

RESOLUTION XI.—That as recommended by the Senate, the M.E. Degree of the Institute be awarded to the following students:—

Power Engineering (Mechanical)

Mr. R. Nagarajan, B.E. (Mech.) (Andhra), II Class.

Soil Mechanics and Foundation Engineering

Mr. G. V. Sreekantiah, B.E. (Civil) (Mysore), II Class.

RESOLUTION XII.—That as recommended by the Senate, the Diploma of the Institute be awarded to the following students:—

Power Engineering (Mechanical)

Mr. D. K. Sathyanarayana Setty, B.E. (Mech.) (Mysore), I Class.

Metallurgy

Mr. V. Sadagopan, B.Sc. (Hons.) (Andhra), I Class.

18. The Director reported that great difficulty was being caused to students in competing for posts which are vacant and in giving effect to registration for higher degrees whenever there was a considerable lapse of time from the date of the recommendation of the Senate to the final award of the conferment by the Council.

RESOLUTION XIII.—That excepting in doubtful cases, the Director be authorised to declare the results on the basis of the recommendation of the Senate whenever there is a considerable lapse of time between the date of recommendation and the formal award and to have provisional certificates issued where necessary, pending formal conferment of the degree, diploma or certificate, as the case may be, by the Council at the next meeting.

19. A list of refund of tuition fee to students sanctioned by the Director since the last report to the Council was received and recorded.

RESOLUTION XIV.—That Bye-law 10.053 be amended by *deleting* the following sentence:—

"A report of such sanctions shall be made to the Council at the following meeting."

20. A recommendation by the Director that the temporary appointment of Dr. A. R. Vasudeva Murthy as Assistant Professor of Inorganic and Mineral Chemistry in the Department of Inorganic and Physical Chemistry for six months from 1st May 1959 under Resolution I of 23rd March 1959 be extended by another six months was considered.

RESOLUTION XV.—That under Regulation 8.054, the temporary appointment of Dr. A. R. Vasudeva Murthy as Assistant Professor of Inorganic and Mineral Chemistry be extended by a further period of six months from the 1st of November 1959 on the same terms and conditions as at present.

21. A circular letter dated 3rd September 1959 received from the University Grants Commission on the proposal for the establishment of industrial estates in universities was considered.

21.1. It was decided that the Director be requested to examine the proposal in consultation with the Faculties and the Senate and arrange to send a reply to the University Grants Commission in consultation with the Chairman.

22. The proceedings of the meeting of the Court held on the 13th of September 1959 were received.

Item 3 of
Court

22.1. It was reported that the Trustees of the Sir Dorabji Tata Trust and the Sir Ratan Tata Charities had decided to donate Rs. 5,000 and Rs. 2,500 respectively towards the fund for the memorial to Sir Vithal N. Chandavarkar.

RESOLUTION XVI.—That (i) the thanks of the Council be communicated to the Trustees of the Sir Dorabji Tata Trust and the Sir Ratan Tata Charities; and (ii) a Committee consisting of the Chairman of the Council (*Chairman*), the Director, the Deans of Faculties and the Registrar (*Secretary*), be constituted to take the steps necessary for implementing the proposals of suitable memorials to Sir Vithal N. Chandavarkar and Dr. J. C. Ghosh.

Item 5 of
Court

RESOLUTION XVII.—That (i) the donation by Mr. P. B. Kale on behalf of the Kale Foundation, Nagpur, the first instalment of Rs. 18,000, being for the reconstruction of the swimming pool at the Institute, be accepted and (ii) the thanks of the Council be communicated to Mr. P. B. Kale and the Trustees of the Kale Foundation.

Item 7 of
Court

22.2. A note forwarded by the University Grants Commission for the formation of a Planning Unit and calling for proposals under the Third Five-Year Plan was considered together with the recommendation of the Court that a Joint Committee be appointed.

22.21. It was reported by the Chairman of the Council that the President of the Court had, in consultation with him and the Director, nominated Prof. N. K. Sidhanta and Mr. C. R. Narasimhan, members of the Council, and Mr. B. V. Baliga and Mr. G. W. C. Garrould, members of the Court, on the Joint Committee recommended by the Court.

RESOLUTION XVIII.—That a Joint Committee of the Court and the Council consisting of:

The President of the Court (*Chairman*)

The Chairman of the Council

The Director

The Dean of the Science Faculty

The Dean of the Engineering Faculty

Mr. B. V. Baliga

Mr. G. W. C. Garrould

Mr. C. R. Narasimhan

Prof. N. K. Sidhanta

The Registrar (*Secretary*)

with powers to co-opt additional members be constituted to (i) discuss the basic issues arising from the proposal of the University Grants Commission for the formation of a Planning Unit and calling for proposals under the Third Five-Year Plan, (ii) advise the Faculties on the broad policies to be followed in the formulation of the developmental requirements of the Institute during the Third Plan period, and (iii) consider the proposals put forward by the Faculties and the Senate in this behalf.

RESOLUTION XIX.—That the draft of the 50th Annual Report (1958-59) be adopted.

23. The minutes of the meeting of the Finance Committee held on the 13th of September 1959 were received.

RESOLUTION XX.—That in modification of the request for Rs. 14.75 lakhs out of the non-recurring grants of Rs. 31 lakhs, the University Grants Commission be requested to sanction payment of Rs. 8 lakhs only being the actual expenditure for 1958-59 and estimated expenditure during 1959-60, as the rest of the amount, namely, Rs. 6.75 lakhs was likely to come up for payment only in 1960-61.

23.1. The Director reported on Mr. A. V. Venkateswaran's discussions with Dr. H. J. Bhabha regarding the payment of leave salary to Dr. Brahm Prakash (Item 33.05 of the Council minutes of 5th February 1959).

RESOLUTION XXI.—That the following arrangements suggested by Mr. A. V. Venkateswaran be approved:—

(a) the four months of leave earned by Dr. Brahm Prakash during his service at the Institute be allowed to be carried forward to his leave account;

(b) as and when Dr. Brahm Prakash proceeds on leave next, the Institute pay to the Department of Atomic Energy a leave salary contribution equal to the amount that the Institute would have paid to Dr. Prakash had he proceeded on leave at the end of his term of service at the Institute;

(c) to facilitate such payment and the accounting arrangements relating thereto, the Department of Atomic Energy pay Dr. Prakash's full salary as usual from its own funds as and when he takes leave next and report to the Institute such payment for reimbursement by the Institute of its share thereof. The amount so reimbursed by the Institute be credited direct to the Department of Atomic Energy; and

(d) it be made quite clear that Dr. Prakash's service at the Institute will not qualify him for pension as he has already received contributory provident fund benefit for the period in question.

Item 2 of
Finance Committee

Item 3.2 of
Finance Committee

23.2. It was decided that in view of the reply received from the Government of Mysore regretting its inability to reconsider the request of the Institute for the grant of concession in the rate for the supply of water to the Institute, the matter be not pursued further.

Item 4.1 of
Finance Committee

RESOLUTION XXII.—That the reappropriation of Rs. 276 from “Consumables” under I.J. Fermentation Technology Laboratory to “Furniture” under I.A. Direction, be approved.

Item 5.2 of
Finance Committee

23.3. The Council postponed consideration of the recommendation of the Finance Committee on the further action in terms of Council Resolution XI of 1st July 1958 regarding the amounts due from Prof. C. S. Ghosh.

Item 8 of
Finance Committee

RESOLUTION XXIII.—That the following action taken by the Director be confirmed:—

(i) in sanctioning from the reserve for urgent non-recurring expenditure the purchase at an estimated cost of Rs. 10,000 of:

One D.C. motor generator set, 3-5 kW.

One Induction motor generator set, D.C. 3-5 kW.

Two 5 kVA, 55/110/220 V. Transformers

for the Electrical Engineering Section to meet the requirements of the laboratory consequent on the increase in the number of students admitted to the B.E. degree courses.

(ii) in depositing with the Government of Mysore an additional Rs. 14,523.53 being the amount demanded by the Assistant Commissioner on the basis of the enhanced compensation ordered by the High Court on appeal by one of the claimants to a portion of the properties acquired.

(It was noted that the total amount so far paid as compensation was Rs. 99,261.54)

(iii) in constituting (a) staff quarters Nos. 1, 5 and 11 occupied respectively by the Engineer-in-Charge, Works and Maintenance, Assistant Registrar and the Resident Medical Officer, into a separate pool for the purpose of calculation of pool rent, in view of the additions sanctioned to these quarters under Council Resolution LX of 24th September 1956 and (b) the remaining thirteen staff quarters into another pool.

(iv) as recommended by the Professor of Aeronautical Engineering, in agreeing to the substitution of the following posts, namely:

Mechanic—Grade “A”: Rs. 120-8-200

Mechanic—Grade “C”: Rs. 55-3-85

in place of the post of a Model Maker in the grade Rs. 100-5-125-6-155-E.B. 6-185 and of an Instrument Maker in the grade Rs. 60-4-120-E.B. 5-150 in the Department.

Item 9.1 of
Finance Committee

RESOLUTION XXIV.—That as recommended by the Director, the members of staff deputed for duty at the Institute stall at the “India 1958” Exhibition at New Delhi be, as a special case, sanctioned the actual expenses incurred by them instead of the travelling and daily allowance under the T.A. rules, subject to the extra expenditure involved on account of such payment not exceeding Rs. 1,000 over and above the amount of Rs. 6,345 admissible under the T.A. rules and subject

to the expenditure being certified by the members of the staff concerned after scrutiny by the Professors-in-charge and approved by the Director.

RESOLUTION XXV.—That two of the four posts of Laboratory Helpers in the grade Rs. 30-½-35 sanctioned for the Electrical Engineering Section be converted into two posts of Assistant Mechanics in the grade Rs. 35-1-40-2-60.

Item 10 of Finance Committee

23.4. A report that no work for outside parties was done by the Mechanical Engineering Workshop for the quarter ended 30th June 1959 was received and recorded.

Item 11 of Finance Committee

RESOLUTION XXVI.—That in modification of clause (ii) of Resolution XXXVI of 22nd March 1954, only reports of work actually done for private parties by the Mechanical Engineering Workshop be submitted.

23.5. A note on the Students' Aid Fund and the draft rules therefor were considered.

Item 12 of Finance Committee

RESOLUTION XXVII.—That (i) a Students' Aid Fund be established on the lines suggested by the University Grants Commission; and (ii) the draft rules for the Fund be approved as modified by the Finance Committee (Appendix).

RESOLUTION XXVIII.—That in partial modification of the allocation of the non-recurring grant approved out of Rs. 31 lakhs for the quinquennium 1958-63 sanctioned under Resolution XXX of 29th June 1959, the following allocation for the years 1959-60, 1960-61 and 1961-62 for the Department of Internal Combustion Engineering be approved:

Item 13.1 of Finance Committee

	1959-60	1960-61	1961-62	Total
	Rs.	Rs.	Rs.	Rs.
Building ..	80,000	20,000	..	1,00,000
Equipment	70,000	80,000	1,50,000

RESOLUTION XXIX.—That (i) from the amount of royalty so far received on the publication *Chemistry and Manufacture of Indian Dairy Products* by Dr. K. S. Rangappa and Mr. K. T. Achaya, a sum of Rs. 340 still due to the Institute towards the advance of Rs. 1,000 paid by it to the Bangalore Press be retained by the Institute as a deposit and the balance left over under royalty be paid in equal proportion to the authors; (ii) further sums received towards royalty be similarly paid to the authors equally; and (iii) when the sum of Rs. 1,000 advanced to the Press has been recovered in full, the amount of Rs. 340 withheld from the royalty amount be made over in equal shares to the authors.

Item 14.1 of Finance Committee

23.6. The audit report for the half-year ended 30th September 1958 was received together with the replies thereto.

Item 15 of Finance Committee

RESOLUTION XXX.—That the present practice of supplying copies of the Institute journal free of cost to several organisations on exchange basis and to distinguished visitors be approved.

RESOLUTION XXXI.—That the post of Liaison Officer be converted into a permanent one in the grade Rs. 250-10-300-15-450-25/2-500.

Item 16.1 of Finance Committee

**Item 17 of
Finance Committee**

23.7. The recommendations of the Buildings and Gardens Committee made since the last meeting of the Council were considered.

**Item 1 of
Buildings
Committee
& Item 17.1 of
Finance Committee**

RESOLUTION XXXII.—That the plans, revised in accordance with the standards laid down by the University Grants Commission, and the preliminary estimates for Rs. 16 lakhs for the construction of the new Jubilee Library Building, be approved.

**Item 2 of
Buildings
Committee
& Item 17.2 of
Finance Committee**

RESOLUTION XXXIII.—That the plans and estimates for Rs. 1,55,000 for the construction of a building for the Central Instruments and Services Laboratory be approved, the cost to be met out of the provision made for this in the non-recurring grant of Rs. 31 lakhs sanctioned by the Government of India.

**Item 18 of
Finance Committee**

23.8. An application by Dr. Sukh Dev, Lecturer in the Department of Organic Chemistry, on his resignation and repayment of the amounts due by him under his deputation agreement was considered together with the recommendation of the Director thereon.

RESOLUTION XXXIV.—That (i) Dr. Sukh Dev, Lecturer in the Department of Organic Chemistry, be relieved of his duties at the end of the six-month period of notice expiring on the afternoon of the 10th of January 1960 or earlier in the event of a substitute being appointed and joining duty; (ii) the amounts due from Dr. Sukh Dev in terms of his deputation agreement be recovered in full; and (iii) the Director be authorised to fix the method of repayment by Dr. Sukh Dev within a period not exceeding five years.

24. It was reported that steps would be taken to reconstitute the Finance Committee for the triennium 1960-62.

Recorded.

25. It was decided that the next meeting of the Finance Committee be held on Sunday, the 20th of December 1959, at 2 p.m. and that of the Council on Monday, the 21st of December 1959, at 10 a.m.

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

APPENDIX

Students' Aid Fund Rules

I. SHORT TITLE AND DEFINITIONS

1.1. These rules may be called the Students' Aid Fund Rules of the Indian Institute of Science, Bangalore.

1.2. In these rules, unless there is anything repugnant in the subject or context:

1.21. "Institute" means the Indian Institute of Science, Bangalore.

1.22. "Director" means the Director of the Institute.

1.23. "Registrar" means the Registrar of the Institute.

1.24. "Fund" means the Students' Aid Fund of the Institute.

1.25. "Committee" means the Committee of Management constituted under the rules to administer the Students' Aid Fund.

1.26. "Student" means a full-time student undergoing a prescribed course of study and/or research at the Institute.

II. CONTRIBUTIONS TO THE FUND

2.1. Each student of the Institute shall contribute to the Fund a sum of at least Rs. 3 per annum.

2.2. Donations to the Fund received from other sources shall be credited to the Fund as and when they are received.

III. ADMINISTRATION OF THE FUND

3.1. The Fund shall be administered by a Committee consisting of:—

The Director. (*Chairman*)

The Deans of the Faculties

The Registrar

A student of the Institute nominated annually by the Managing Committee of the Institute of Science Gymkhana.

3.2. The accounts of the Fund shall be maintained by the Registrar.

3.3. The Committee shall submit to the Council every year a report on the administration of the Fund during the previous year together with a statement of the receipts and payments from the Fund, after audit by the Internal Auditor of the Institute.

IV. PAYMENTS FROM THE FUND

4.1. Payments from the Fund may be sanctioned by the Committee to deserving students on application in the prescribed form for the following purpose :

- (i) To meet tuition fees,
- (ii) To purchase books, instruments and stationery necessary for the pursuit of their courses/research at the Institute,
- (iii) To meet the expenses on account of study tour or practical training arranged by the Institute,
- (iv) To meet other expenses connected with their work at the Institute as may be determined by the Committee,

provided that no payment shall be made from the Fund by way of scholarship to students.

4.2. All payments made from the Fund to the students shall be by way of interest-free loans and no student shall ordinarily be paid more than Rs. 500 during any year.

4.3. Students who are sanctioned loans from the Fund shall execute a bond providing for repayment of the loans on such terms and conditions as the Director may prescribe in each case.

U.S. 11/1/59

CONFIDENTIAL

Minutes of the Meeting of the Finance Committee of the Indian Institute of Science, Bangalore, held at 10 a.m., on Sunday, the 13th of September 1959, in the Council Chamber of the Institute.

Present

- PROF. R. CHOKSI (*Chairman*)
- MR. A. K. BANERJEE
- DR. S. BHAGAVANTAM, *Director*
- MR. S. NATARAJAN, Accountant-General, Madras
- MR. A. G. PAI, *Registrar (Secretary)*

Mrs. Piroja J. Vesugar attended the meeting by invitation.

The following members regretted their inability to be present:—

- MR. G. K. CHANDIRAMANI
- SIR A. LAKSHMANASWAMI MUDALIAR
- MR. A. V. VENKATESWARAN
- MR. G. MATHIAS, Financial Secretary to the Government of Mysore.

1. The minutes of the meeting of the Finance Committee held on 28th of June 1959 were confirmed.

2. The report of action taken on/present position of, the Finance Committee minutes of 28th June 1959 was received.

2.1. The Committee recommended that in modification of the request for Rs. 14.75 lakhs, the University Grants Commission be requested to sanction payment of Rs. 8 lakhs only being the actual expenditure for 1958-59 and estimated expenditure during 1959-60, as the rest of the amount, namely, Rs. 6.75 lakhs is likely to come up for payment only in 1960-61.

C.R. XXX
of 29-6-1959

3. The report of action taken on/present position of, matters pending under the previous Finance Committee minutes was received.

3.1. The Director reported that the Consul of the Federal Republic of Germany, Bombay, had forwarded a further list of names for consideration for appointment as Lecturer in German and that action was being taken to appoint one of them considered suitable.

C.R. XL
of 1-10-1958

3.11. The temporary arrangement for lectures in German made by the Director was recommended for approval.

3.2. The Committee recommended that no further application for the grant of concession in rates by the Government of Mysore for water supplied to the Institute be made,

Item: 27-011 of
Council
of 1-7-1958

4. The statement of income and expenditure together with the ways and means position and the statement of re-appropriations were received.

4.1. The Committee recommended that the re-appropriation of Rs. 276 from "Consumables" under 1.J. Fermentation Technology Laboratory to "Furniture" under 1.A. Direction, be approved.

5. The statement of the provident fund amounts paid since the last meeting of the Finance Committee and the forecast of the payments out of the fund during the next quarter were received.

5.1. In this connection, the claim of the Institute for the refund of amount spent on Prof. C. S. Ghosh's training abroad was considered.

5.2. The Committee recommended that in terms of Council Resolution V of 1st October 1958, the Government of India be addressed and informed that as in the opinion of the Council no action lies with the Visitor on the appeal made to him by Prof. Ghosh and in the absence of any further communication from the Ministry, the Institute will take action in terms of Resolution XI of 1st July 1958.

6. A review of advances and deposits was received and recorded.

7. A list of temporary appointments chargeable to non-recurring grant and from working expenses, made since the last report to the Finance Committee was received and recorded.

8. The Committee recommended that the following action taken by the Director be confirmed:—

8.1. in sanctioning from the reserve for urgent non-recurring expenditure the purchase at an estimated total cost of Rs. 10,000 of

One D.C. motor generator set, 3-5 kW.

One Induction motor generator set, D.C. 3-5 kW.

Two 5 kVA, 55/110/220 V Transformers

for the Electrical Engineering Section to meet the requirements of the laboratory consequent on the increase in the number of students admitted to the B.E. degree courses.

8.2. in depositing with Government of Mysore an additional Rs. 14,523.53 being the amount demanded by the Assistant Commissioner on the basis of the enhanced compensation ordered by the High Court on appeal by one of the claimants to a portion of the properties acquired.

8.21. It was noted that the total amount so far paid as compensation was Rs. 99,261.54.

8.3. in constituting (i) staff quarters Nos. 1, 5 and 11, occupied respectively by the Engineer-in-Charge, Works and Maintenance, Assistant Registrar and the Resident Medical Officer, into a separate pool for the purpose of calculation of pool rent, in view of the additions sanctioned to these quarters under Council Resolution LX of 24th September 1956 and (ii) the remaining thirteen staff quarters into another pool,

8.4. as recommended by the Professor of Aeronautical Engineering, in agreeing to the substitution of the following posts; namely,

Mechanic—Grade 'A': Rs. 120-8-200

Mechanic—Grade 'C': Rs. 55-3-85

in place of the post of a Model Maker in the grade Rs. 100-5-125-6-155-E.B.-6-185 and of an Instrument Maker in the grade Rs. 60-4-120-E.B.-5-150 now sanctioned in the Department.

9. A note on the payment of daily allowance to members of staff deputed for work at the Institute Stall in the "India 1958" Exhibition at New Delhi was considered.

9.1. The Committee recommended that as recommended by the Director, the members of Staff deputed for duty at the Institute stall at the "India 1958" Exhibition at New Delhi be, as a special case, sanctioned the actual expenses incurred by them instead of the travelling and daily allowance under the T.A. rules, subject to the extra expenditure involved on account of such payment not exceeding Rs. 1,000 over and above the amount of Rs. 6,345 admissible under the T.A. rules and subject to the expenditure being certified by the members of the staff concerned after scrutiny by the Professors-in-Charge and approved by the Director.

10. A recommendation by the Director that two of the four posts of Laboratory Helpers in the grade Rs. 30- $\frac{1}{2}$ -35 sanctioned for the Electrical Engineering Section be converted into two posts of Assistant Mechanics in the grade Rs. 35-1-40-2-60 was considered.

10.1. The Committee recommended that this conversion be sanctioned.

11. A report that no work for outside parties was done by the Mechanical Engineering Workshop for the quarter ended 30th June 1959 was received and recorded.

12. A note on the Students' Aid Fund and the draft rules therefor was considered (Item 21 of the Finance Committee minutes of 28th June 1959).

12.1. The Committee recommended that (i) a Students' Aid Fund be established on the lines suggested by the University Grants Commission and (ii) the draft rules for the Fund be approved with the following modifications:—

Rule 4.1: The word 'deserving' be added before the word 'students'.

Rule 4.2: The words 'interest-free' be added between the words 'by way of' and the word 'loans'.

Rule 4.3: The rule read as follows:

"Students who are sanctioned loans from the Fund shall execute a bond providing for repayment of the loans on such terms and conditions as the Director may prescribe in each case."

13. A recommendation on the allocation of non-recurring grant sanctioned for the Department of Internal Combustion Engineering was considered.

17. An application by Dr. Sukh Dev. Lecturer in the Department of Organic Chemistry on his resignation and repayment of the amount due by him under the deputation agreement was considered together with the recommendation of the Director thereon.

18. The Committee recommended that (i) Dr. Sukh Dev. Lecturer in the Department of Organic Chemistry, be relieved of his duties at the end of six month period of notice on the afternoon of the 10th of January 1957 or earlier in the event of a substitute being appointed and joining duty; (ii) the amount due from Dr. Sukh Dev. in terms of his deputation agreement be recovered in full; and (iii) the Director be authorised to fix the method of repayment by Dr. Sukh Dev. within a period not exceeding 3 years.

19. The meeting terminated with a vote of thanks to the Chairman.