



UNIVERSITY OF COCHIN

MINUTES OF THE MEETING OF THE SYNDICATE

1st, 12th January, 5th February, 5th & 17th March 1983

UNIVERSITY OF COCHIN

Minutes of the 173rd meeting of the Syndicate held on 1.1.1983.

Place of meeting : Hill Palace
Tripunithura.

Time : 11.00 a. m.

Members present :

1. Dr. K. Gopalan
Vice-Chancellor - in the chair
2. Prof. T. B. K. Menon
Pro-Vice-Chancellor
3. Shri V. Aravindakshan Nair
4. Dr. P. J. George
5. Dr. K. Gopalakrishnan Nair
6. Shri K. Govinda Pillai
7. Dr. P. N. Krishnan Nambisan
8. Shri S. C. S. Menon
9. Dr. M. P. Parameswaran
10. Shri M. K. Raghavan
11. Dr. Paul A. Vatakencherry
12. Prof. P. S. Velayudhan

Item No. 173.01. Confirmation of the minutes of the 172nd meeting of the Syndicate held on 4-12-1982.

Resolved that the minutes of the 172nd meeting of the Syndicate held on 4-12-1982 be confirmed, subject to the following emendations/corrections:

- (i) Item 172.02: 3rd line in para immediately following point No. 5. - the word 'Hindi' be inserted after 'third semester' and before 'supplementary examination.'

(ii) Item No. 172.03: The last paragraph be emended to read as follows: "The Syndicate noted that the posts of Dy. Registrars are interchangeable as are the posts of Asst. Registrars, inter se."

(iii) Item No. 172.08: the date of effect of the decision be indicated as 1-1-1983.

(iv) Item No. 172.20: The resolution be emended to read as follows: "Resolved that a Committee consisting of the Pro-Vice-Chancellor, Dr. K. Gopalakrishnan Nair and Dr. K. Sathianandan may discuss the matter with the Heads of the Departments of Electronics and Ship Technology and propose a solution without prejudice to the interest of the students concerned."

Item No. 173.02. Report of the Vice-Chancellor on important developments in the University since the last meeting.

1. His Excellency Shri P. Ramachandran, Governor/Chancellor and the Hon'ble Revenue Minister Shri P. J. Joseph visited the University on December 20, 1982 in connection with the function arranged to lay the foundation stone of the proposed School of Engineering Sciences.
2. The Vice-Chancellor and the Pro-Vice-Chancellor met the Vice-Chairman, the Secretary and other members of the State Planning Board at Ernakulam and had discussions with them on the further development of the University.
3. The Sixth Plan UGC Visiting Committee would visit the University during January 20-22, 1983. The UGC's Expert Committee on MBA Correspondence Course would visit the University on January 24, 1983.

4. As desired by the Syndicate the Vice-Chancellor had discussions with Shri V. Narayanan Nayar, Director of the School of Continuing Education. Shri Nayar has agreed to cut short his leave and resume duty when the University reopens after Christmas Holidays..

5. The Expert Committee constituted to formulate a plan and a strategy for the further development of the University as the Science and Technology University of Kerala has formally submitted its report. Advance copies of the Report have been made available to the Planning Board and others concerned. Copies of the Report are being made available to all members of the Syndicate. The Syndicate could formulate its views and comments on the report at the February meeting of the Syndicate.

6. Based on the guidelines prescribed by the Committee constituted for the purpose, the Librarian has finalised the list of foreign periodicals to be subscribed to during 1983. The said list is placed on the table.

Item No. 173.03. Employment Assistance to the son of late Dr. K. Nanukuttan Nair, Professor, S. M. S. - Regarding.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request of Smt. Retnamma Nair, wife of the late Dr. K. Nanukuttan Nair, Professor, of School of Management Studies, that their son Shri N. Sreekumar be given employment in the University under the scheme of "Employment assistance to relatives of public servants dying in harness."

Resolved that Shri N. Sreekumar, the eldest son of late Dr. Nanukuttan Nair be given appointment to a suitable post.

(Ad.)

Item No. 173.04. Creation of a post of Aquarium cleaner Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal of the Head of the Department of Marine Sciences for the creation of the post of Aquarium Cleaner in the place of the post of Aquarium Assistant created by the Syndicate at its meeting held on 3-4-1982 as per item No. 164.03.

Resolved that the post of Aquarium Assistant (Rs. 330-515) created by the Syndicate vide Item No. 164.03 be advertised and filled without delay.

Resolved further that in the event of no response, the post of Aquarium Cleaner in the grade of Sweeper-cum-cleaner (Rs. 280-400) be created and advertised as proposed by the Head of the Department of Marine Sciences.

(Ad.)

Item No. 173.05. Leave without allowances sanctioned to Shri M. V. Jacob - ratification - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the action of the Vice-Chancellor in having sanctioned leave without allowances to Shri M. V. Jacob, Jr. Engineer/Scientist, CWISL, for 5 years w. e. f. 9-11-1982 to 8-11-1987 for taking up a job abroad, after taking from him as

security a sum of Rs. 20,000/- (term deposit receipt No. OS 416851 dated 1-11-1982) in part fulfilment of the conditions under which he was deputed for training at the Indian Institute of Science, Bangalore, during 1980-81.

Resolved that the action of the Vice-Chancellor be ratified.

(Ad.)

Item No. 173.06. Adoption of Govt. Orders regarding relief sanctioned to pensioners - consideration of - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for adopting for implementation in the University G. O. (P) No. 387/82/Fin dated 2-8-1982 and G. O. (P) No. 441/82/Fin dated 16-8-1982 granting certain reliefs to pensioners.

Resolved that G. O. (P) No. 387/82/Fin dated 2-8-1982 and G. O. (P) No. 441/82/Fin dated 16-8-1982 as in *Appendices I & II* be implemented in the University.

(Ad. & Fin)

Item No. 173.07. Qualifying service for full pension - G. O. (P) 535/82/Fin. dated 30th September 1982 - adoption - Reg.

The Syndicate considered, along with the recommendations of the Standing Committee on Staff & Establishment and Finance & Purchase, the proposal for adopting for implementation in the University G. O. (P) 535/82/Fin dated 30-9-1982, giving retrospective effect to G. O. (P) No. 427/81/Fin dated 2-7-1981 (already adopted in the University).

Resolved that G. O. (P) 535/82/Fin dated 30-9-1982 as in *Appendix III* be adopted for implementation in this University.

(Ad. & Fin)

Item No. 173.08. Draft revised Hostel admission rules - Consideration of.

The Syndicate considered the revised rules for the admission of students to University hostels framed by a Committee set up by the Syndicate and authorised to review the existing rules in consultation with the representatives of students.

Resolved that the Rules for the admission and accommodation of students to University hostels as in *Appendix IV* be adopted and implemented with immediate effect.

(Ac.)

Item No. 173.09. Vacant post of Professor - Dr. M. V. Pylee's vacancy - filling of - representation from Dr. C. M. George - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the representation of Dr. C. M. George, Reader, School of Management Studies, about the non advertisement of the post of Professor, School of Management Studies, vacated by Dr. M. V. Pylee.

Resolved that legal advice in the matter be taken urgently and placed before the next meeting of the Syndicate.

(Ad.)

Item No. 173.10. Ph. D. thesis of Smt. R. Padmini entitled "Studies on Energy Exchange Between Sea & Atmosphere from the Indian Ocean with Special Reference to Arabian Sea and Bay of Bengal." - non-receipt of Chairman's evaluation receipt - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the situation arising from the Chairman, Board of Examiners in respect of the evaluation of the Ph. D. thesis of Smt. R. Padmini not having sent her individual report along with the consolidated report of the examiners.

Resolved that a reminder be sent to the Chairman asking him to submit his reports (individual and consolidated) within a month. In the event of no response, another expert be appointed to the Board of Examiners and one of the members nominated Chairman.

(Exam.)

Item No. 173.11. Ph.D. thesis entitled "Molecular Internal Mechanics: Studies on Molecular Structure and Properties Using Microwave and Infrared Spectral Data" - submitted by Shri. C. M. Paul - Reports of the Examiners - consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the reports of the examiners and the consolidated report of the Chairman,

Board of Examiners, together with the minutes of the viva voce examination, on the Ph.D. thesis: MOLECULAR INTERNAL MECHANICS : STUDIES ON MOLECULAR STRUCTURE AND PROPERTIES USING MICROWAVE AND INFRARED SPECTRAL DATA, submitted by Shri C. M. Paul, research scholar, Department of Physics, who worked under the supervision of Dr. C. P. Girijavallabhan, Reader, Department of Physics.

Resolved that Shri C. M. Paul be awarded the degree of Doctor of Philosophy under the Faculty of Science for his thesis: MOLECULAR INTERNAL MECHANICS: STUDIES ON MOLECULAR STRUCTURE AND PROPERTIES USING MICROWAVE AND INFRARED SPECTRAL DATA.

(Exam.)

Item No. 173.12. Ph. D. thesis submitted by Shri K. Devadasan - Evaluation - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for appointing external examiners for the evaluation of the Ph.D. thesis: A COMPARATIVE STUDY OF THE MUSCLE PROTEINS OF FISHES AND SHELLFISHES OF TROPICAL WATERS, submitted by Shri K. Devadasan, Research Scholar, who worked under the supervision of Dr. K. Gopakumar, Scientist, Central Institute of Fisheries Technology, Cochin.

The Syndicate selected for appointment external examiners for the evaluation of Shri K. Devadasan's Ph.D. thesis.

(Exam.)

Item No. 173.13. Post-Doctoral Research Fellows - Admission - Payment of fees etc.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the question of defining the status of post-doctoral fellows in the University and of regulating their work.

Resolved :

(i) Post-doctoral fellows be not treated as students of the University and hence no fee be levied from them.

(ii) University post-doctoral fellows may apply for post-doctoral fellowship along with the applicants for junior Research Fellowships, and the award of fellowship to them be decided by the scholarship committee.

(iii) Laboratory, library and hostel facilities be extended to them on a par with full-time research scholars.

(Ac.)

Item No. 173.14. Department of Industrial Fisheries- Proposal for engaging Guest Lecturers for M. Sc. Ist. Semester students.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal of the Head of the Department of Industrial Fisheries for engaging various persons as guest lecturers for the 1st semester of the M. Sc. degree course in Industrial Fisheries.

Resolved that the Vice-Chancellor be authorised to discuss the matter with the Head of the Department of Industrial Fisheries and sanction the required number of guest lecturers for engaging classes for the 1 semester of the M.Sc. degree course in Industrial Fisheries.

(Ac.)

Item No. 173.15. Note from Shri S.C.S. Menon on the construction of the Administrative Block and clarifications on the points raised in the Note - consideration of -

Deferred for consideration at the next meeting of the Syndicate.

(Pl.)

Item No. 173.16. Budget Estimates for 1983 - 84, Revised Estimates for 1982-83 and Annual Accounts for 1981 - 82 - consideration of -

Deferred for consideration at a special meeting of the Syndicate to be convened for the purpose on January 12, 1983.

(Fin.)

Item No. 173.17. School of Technology - Purchase of equipments - consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for purchasing various items of equipment at a total cost of Rs. 82,503 excluding ST, AST and other charges for the School of Technology.

Resolved that the items of equipment as in *Appendix V* be purchased for the School of Technology, and that the Head, School of Technology, be advanced an amount equal to 95% of the total cost of the equipments including ST, AST and other charges for effecting the purchase.

(Pl.)

Item No. 173.18. Medical reimbursement to Shri V. N. Shanmughan, watchman - Reg.

The Syndicate considered along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for reimbursing Shri V. N. Shanmughan, Watchman, University Office a sum of Rs. 4,160.84 incurred by him in connection with medical treatment undertaken at a hospital recognized for the purpose.

Resolved that Shri V. N. Shanmughan be granted reimbursement of a sum of Rs. 1,322.77 as admitted by Audit towards medical expenses incurred by him, and the admissibility of 'blood' as a reimbursible item be further examined.

(Ad.)

Item No. 173.19. Medical reimbursement to Shri O. S. Mohamed Hashim, Section Officer.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for granting Shri O. S. Mohammed Hashim, reimbursement of medical expenses incurred by him for treatment undertaken in a hospital recognized for the purpose.

Resolved that Shri O. S. Mohammed Hashim be granted reimbursement of a sum of Rs. 759.45 as admitted by Audit, and the admissibility of 'X' - ray charges and Haemacal be examined.

(Ad.)

Item No. 173.20. Modifications and additional facilities required for the Marine Sciences building - Proposals of the Head of the Department - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposals for creating additional physical facilities in the Department of Marine Sciences.

Resolved that the following items of work be executed immediately :

- (i) Providing internal partitions as originally approved using marine plywood sheet instead of asbestos sheets.
- (ii) Rewiring the Aquarium and laboratories on conduit system.
- (iii) Providing the insulation required for the present air-conditioned instrumentation room.

Resolved further that the remaining proposals of the Head of the Department be further examined by the Works Committee.

(Pl.)

Item No. 173.21. Minutes of the meeting of the Building Committee held on 9-12-1982 - consideration of -

The Syndicate considered along with the recommendation of the Standing Committee on Works the minutes of the meeting of the Building Committee held on 9-12-1982.

Resolved that the recommendation of the Building Committee as in *Appendix VI* be approved.

(Pl.)

Item No. 173.22. Works - Construction of new Men's Hostel and additional storey over the present Women's hostel - Entrusting with KSCC Ltd. - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposal for entrusting with the KSCC Ltd., the work on construction of the new hostel for men, and the work of constructing an additional storey over the present women's hostel.

In respect of the hostel for men, resolved :

- (i) The work be entrusted with the KSCC Ltd., at 95% over the estimate rates based on 1980 schedule of rates, minus cost of materials to be supplied by the University, if the terms are acceptable to the Corporation.
- (ii) Payment of bimonthly advance to the Corporation for the work be based on bills furnished by the KSCC Ltd., for each stage of construction.
- (iii) Payment be made in 8 stages, in amounts to be determined on the basis of actual measurements check-measurements of work done at site.

In respect of construction work of the present women's hostel, resolved that the work be entrusted with the KSCC Ltd., at a negotiated rate of not more than the estimate based on the 1980 schedule of rates plus 50% thereon.

(Pl.)

Item No. 173.23. Leave without allowances for a period exceeding 4 months in respect of Smt. R. Leela, Asst. Grade II University Office - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for granting leave without allowances to Smt. R. Leela, Asst. Grade II, for the period 9.8.1982 to 5.1.1983 on medical ground.

Resolved :

- (i) The question of declaration of her probation be first considered by the Vice-Chancellor.
- (ii) The Vice-Chancellor be authorised to grant her the leave asked for on the basis of decision at (i) above.

(Ad.)

Item No. 173.24. Creation of the post of Store-keeper-

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for the creation of a post of L. D. Storekeeper for the store at the University office.

Resolved that the proposal for the creation of one post of L. D. Storekeeper in the scale of pay Rs. 350-580 be placed before the Statutory Finance Committee.

(Ad. & Fin.)

Item No. 173.25. Filling the posts of Male House Keeper and Attender, Ship Technology Lab. - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for filling the post of Fieldman, (Department of Marine Sciences) Male House Keeper (University Guest House) and Attender (Department of Ship Technology).

Resolved :

- (i) Filling the post of Male House Keeper for the University Guest House may wait.
- (ii) The post of Attender for the Department of Ship Technology be redesignated as Laboratory Assistant Grade II in the scale of Rs. 330-515 and the matter placed before the Statutory Finance Committee.

(Ad & Fin.)

Item No. 173.26. Works - procurement of cement from the Kerala State Small Industries Development & Employment Corporation Ltd. - Advance sanctioned to the University Engineer - Ratification of -

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the action of the Vice-Chancellor in having sanctioned the purchase of cement at the rate of Rs. 65/- per bag from SIDECO and advanced a sum of Rs. 2,00,000/- to the University

Engineer for the purpose, in view of the non-allotment of cement by the Director of Industries and Commerce.

Resolved that the action of the Vice-Chancellor be ratified.

(Pl.)

Item No. 173.27. Works - Construction of building for the School of Engineering Sciences- decision to entrust with the KSCC and subsequent tendering - Ratification of

The Syndicate considered, along with recommendation of the Standing Committee on Works, the action of the Vice-Chancellor in having released for publication in the Mathrubhoomi the tender notification in respect of the building for the School of Engineering Sciences on the basis of the recommendations of the Building Committee.

Resolved that the action of the Vice-Chancellor be ratified.

(Pl.)

Item No. 173.28. Works - advance of Rs. 5 lakhs paid to the KSCC Ltd. against their pending bills - Ratification of.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the action of the Vice-Chancellor in having sanctioned as advance a sum of Rs. 5/- lakhs to the KSCC Ltd., against their pending bills in the interest of the progress of the works entrusted with them.

Resolved that the action of the Vice-Chancellor be ratified.

(Pl.)

Item No. 173.29. Purchase of new cars for the VC/ PVC.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for the purchase of two new cars for the University endorsed by the Statutory Finance Committee.

Resolved that two new cars be purchased for the University for the use of the Vice-Chancellor and the Pro-Vice-Chancellor respectively.

(Ad.)

Item No. 173.30. Telephones for the Department of Applied Economics and the School of Technology - Installation - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for installing a telephone each for the Department of Applied Economics and the School of Technology on the OYT scheme.

Resolved that action be taken to provide independent telephones to the Department of Applied Economics and the School of Technology in the general category.

(Gl.Ad. & El.)

Item No. 173.31. Minutes of the meeting of the Planning Committee of the Syndicate held on 21-12-1982 - consideration of.

The Syndicate considered the minutes of the meeting of the Planning Committee held on December 21, 1982.

Resolved that the minutes of the Planning Committee as in *Appendix VII* be approved.

(Pl.)

Item No. 173.32. Department of Industrial Fisheries- Proposal for engaging Guest Lecturers for the M. Sc. 2nd and 4th Semester classes.

The Syndicate considered, along with the recommendations of the Standing Committee on Staff & Establishment, and Academic Matters, the proposal of the Head of the Department of Industrial Fisheries for engaging various persons for teaching 2nd & 4th semester classes for the M. Sc. course in Industrial Fisheries.

Resolved that the Vice-Chancellor be authorised to discuss the matter with the Head of the Department of Industrial Fisheries and sanction the required number of guest lecturers.

(Ac.)

Item No. 173.33. Department of Polymer Science and Rubber Technology - Engaging Guest Lecturers.

The Syndicate considered, along with the recommendation of the Standing Committees on Staff & Establishment, and academic Matters, the proposal of the Head of the Department of Polymer Science & Rubber Technology for engaging various persons for teaching 1st and 5th semester classes for the B. Tech degree Course in Polymer Science & Rubber Technology.

Resolved that the Vice-Chancellor be authorised to discuss the matter with the Head of the Department of Polymer Science & Rubber Technology and sanction the required number of guest lecturers.

(Ac.)

Item No. 173.34. Registration for research leading to Ph. D. - Change of topic of research Requests from S/Sri. Rajagopalan M. and Shaju Thomas - consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the requests for change of topic of registration received from Shri M. Rajagopalan, (Part-time research scholar) Department of Law, and Shri Shaju Thomas (full-time research scholar,) Department of Industrial Fisheries.

Resolved that the said research scholars be granted change of topic of their registration as per details given below.

Name of the Scholar	Topic of research for which registration was granted	Topic as proposed now
1. Rajagopalan (Part-time) Scholar) Dept. of Law	"Judicial Review of Arbitration Awards".	Legal control of Universities in Kerala:
2. Shaju Thomas Full-time Scholar Dept. of Industrial Fisheries	"Studies on timber destroying marine orers in Cochin waters."	"Studies on the Inland copepod Fish parasites of Kerala".

(Ac.)

Item No. 173.35. Ph. D. thesis entitled - Studies in quantum field Theory at Finite Temperature submitted by Shri V. C. Kuriakose - appointment of external examiner - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for appointing external examiners for evaluating the thesis: STUDIES IN QUANTUM FIELD THEORY AT FINITE TEMPERATURE submitted by Shri V. C. Kuriakose, part-time research scholar, Department of Physics, in the place of examiners already appointed by the Syndicate.

The Syndicate selected for appointment additional examiners.

(Ex.)

Item No. 173.36: Dr. M. Ramachandra Kaimal - Leave without allowances to complete the research project at the NIH, USA - request - consideration of

The Syndicate considered, along with the recommendation of the Standing Committee on Staff and Establishment, the request of Dr. M. Ramachandra Kaimal, Lecturer, Department of Mathematics, and Statistics, for leave without allowances for one year w.e.f. January 1983 for continuing his work on a research project at the National Institute of Health, USA.

Resolved that Dr. M. Ramachandra Kaimal be granted leave without allowances for one year w.e.f. the date of termination of the current semester, and that he be not

granted any further extension of leave. The leave thus granted will not count for service benefits.

(Ad.)

Item No. 173.37 : School of Management Studies Engaging Guest Lecturers

The Syndicate considered the proposal of the Director, School of Management Studies, for engaging various persons as guest lecturers for engaging classes for the current semesters of the MBA / MBM degree courses.

Resolved that the Vice-Chancellor be authorised to discuss the matter with the Director and sanction the required number of guest lecturers.

(Ac.)

Item No. 173.38 : Recommendations of the Selection Committee for the appointment of University Librarian / Dy. Librarian and Physical Education Officer.

The Syndicate considered, the recommendations of the selection committee which interviewed candidates for appointment to the posts of University Librarian and Physical Education Officer.

The Syndicate noted that no candidate was found suitable for appointment to the post of University Librarian and that the committee had drawn up a select list for appointment to the lower post of Dy. Librarian.

The Syndicate resolved to approve the select list in the order of priority prepared by the selection committee

for appointment to the posts of Dy. Librarian and Physical Education Officer and authorised the Vice-Chancellor to make appointments as per rules.

(Ad.)

Item No. 173.39 : Constitution of Boards of Appointment for teaching posts advertised.

The Syndicate considered, the proposal for the constitution of Boards of Appointment as per section 29 of the Act for interviewing candidates who have responded to the advertisements issued for filling vacancies of teaching posts.

Resolved that the Vice-Chancellor be authorised to constitute the Boards of Appointment.

(Ad.)

The meeting came to an end at 4. p.m.

University Buildings
Hill Palace P. O.
Tripunithura - 682 301
Dated : 13th January 1983.

Sd/-

REGISTRAR

Appendix I to Item No. 173.06

GOVERNMENT OF KERALA

Abstract

Pension - Relief to Pensioners - Dearness Allowance on Pension to Re-employed Pensioners - Orders issued.

FINANCE (PENSION-B) DEPARTMENT

G. O. (P) 387/82/Fin. Dated, Trivandrum, 2-8-1982

- Read:* 1. Government letter No. 5229/SLI/80/Fin. dated 6-11-1981 to the Accountant General.
2. No. PRI/GI/6-44/81-82/356 dated 3-3-1982 from the Accountant General.

ORDER

State Government pensioners re-employed under the Government/Public Sector undertakings are not eligible for dearness allowance on pension during the period of re-employment. According to the amendment made to the rules in Kerala Treasury Code by G. O. (P) 568/79/Fin. dated 28-5-1959, the requirement of furnishing non-employment certificates by service pensioners has been dispensed with. Moreover the pension disbursing officer (Treasury Officer) has no means to verify the correctness or otherwise of the certificate of non-employment, even if furnished by the pensioner. The responsibility of safe-guarding against double payment in respect of dearness allowance (both on pension and on re-employment pay) has therefore to be vested with the employer i. e., the concerned State Government Department/Public Sector Undertaking.

2. Accordingly Government are pleased to issue the following orders:-

- (i) Reemployed pensioners will be allowed to draw full Dearness Allowance along with the pension.
- (ii) The employer (the concerned Government Department/ Public Sector Undertaking) will deduct the amount of Dearness Allowance so drawn from the total remuneration payable to the pensioner on re-employment.

3. The Public Sector Undertakings/Corporations etc. may ascertain the rate of pension and dearness allowance/ temporary increases received by the re-employed pensioners and refer to the office of the Accountant General, cases in which any clarification is considered necessary.

4. These orders will come into force with effect from 1-10-1982.

By order of the Governor,
D. BABU PAUL,
Finance Secretary,

APPENDIX II TO ITEM NO. 173.06

GOVERNMENT OF KERALA

Abstract

Pension - Grant of Dearness Allowance on Provisional Pension - Orders issued.

FINANCE (PENSION-B) DEPARTMENT

G. O. (P) 441/82/Fin.

Dated, Trivandrum 16-8-1982

Read: 1. Letter No. PAI/K/GI/ 9-7/637 dated 2-2-1982 from the Accountant General, Kerala.

ORDER

At present Dearness Allowance is not allowed on provisional pension sanctioned under Rule 3 (A) Part III, Kerala Service Rules. To avoid hardship to the provisional pensioners, Government are pleased to order that Dearness Allowance will be allowed on provisional pension sanctioned under Rule 3 (A) Part III, Kerala Service Rules. This will be adjusted against the Dearness Allowance admissible on the final pension that will be sanctioned after the completion of the disciplinary proceedings.

2. These orders will take effect from 1-9-1982.

By order of the Governor
G. JEOTHI,
Additional Secretary.

APPENDIX III TO ITEM NO. 173.07

GOVERNMENT OF KERALA

(Abstract)

Pension - Reduction in the qualifying service for full pension - Modification to G O. (P) 572/80/Fin. dated 6-9-1980 - Orders issued.

FINANCE (PENSION-B) DEPARTMENT

G. O. (P) 535/82/Fin. Dated, Trivandrum, 30th Sept. 1982

- Read:- 1) G. O. (P) 572/80/Fin. dated 6-9-1980
2) G. O. (P) 427/81/Fin. dated 2-7-1981.

ORDER

In the Government order read as first paper above, Government have ordered that the maximum qualifying service required for full pension on the basis of the slab system will be 33 years in respect of State Government employees retired on or after 31-3-1979. By the Government order read as second paper above the qualifying service for full pension was reduced from 33 years to 30 years in respect of those who were in service on 31st March, 1981 and retired on/retiring from service after that date.

2. Government, after further examination of the case are pleased to extend the benefit of the orders in the Government order read as second paper above to those who retired from service during the period from 31-3-1979 to 31-3-1981.

3. These orders will be applicable to all categories of employees including teachers of Aided Schools, Private Colleges and Polytechnics to whom Kerala Service Rules, Part III will apply.

4. Necessary amendments to the rules in Part III, Kerala Service Rules will be issued separately.

By order of the Governor
D. Babu Paul,
Finance Secretary

To

The Registrar, University of Cochin.

APPENDIX IV TO ITEM NO. 173.08

RULES FOR THE ADMISSION AND ACCOMMODATION OF STUDENTS TO UNIVERSITY HOSTELS

1.00 Admission

- 1.01 Admission to the University Hostels shall be open to full-time regular students admitted to a course of study of not less than two semesters and full-time research students. Fellows working in sponsored research schemes in the University are also eligible for admission. A full time student who is employed but not in receipt of salary during the period of study is also eligible for hostel accommodation. But, full-time students under 'Faculty Improvement Programme' drawing regular salary from their parent institutions shall not be eligible for hostel accommodation.
- 1.02 Application for admission to the hostel shall be made in the prescribed form (Form A) in duplicate.
- 1.03 Admissions to Hostels are made by the Hon. Warden, on the recommendation of the Heads of Departments, normally at the beginning of the course or research work. While recommending accommodation, the Head of the Department will ensure that priority is given to those students whose normal place of residence is not less than 15 Kilometres away from the Campus except in the case of SC/ST and Physically handicapped students.
- 1.04 Priority in admission to hostel shall be given to SC/ST and physically handicapped students and foreign students.

- 1.05 Accommodation in the hostel shall be limited to the duration of the course for which a student is admitted and he shall be required to vacate the hostel within 7 days of his/her taking the last written/practical/viva voce examination of the regular course. One is not eligible for accommodation in the hostel for taking supplementary examination or viva voce examination.
- 1.06 A student admitted to an M. Phil. programme shall not be allowed accommodation beyond a period of 12 months.
- 1.07 A student admitted to research for Ph. D. shall ordinarily be allowed accommodation only for a period of 4 years. However, in the event of a scholar submitting the thesis earlier, he shall not be eligible to stay in the hostel beyond one week of submission of thesis.
- Note: Occupants who have been in residence for more than 4 years as on 1-1-1983 shall vacate the hostel within six months, i.e., on or before 30-6-1983.
- 1.08 If a hosteler after completing the full-time course gets himself enrolled for another full-time course, his application for admission to the hostel shall be treated as a fresh one and he shall not be entitled to any preference by virtue of his earlier residence in the hostel.
- 1.09 Fees payable to the Hostel at the time of fresh admission as shown in Section 4 below shall be payable in the concerned departments on production of form A in duplicate duly endorsed by the Hon.

Warden. All subsequent payments of hostel dues shall be made monthly in the concerned departments.

- 1.10 On surrendering one copy of the hostel fee receipt in the hostel office and submitting the Form A duly filled in the student may be allotted a seat.
- 1.11 On allotting the room the student has to fill in Form B, a declaration, stating that he/she is jointly and severally responsible for the furniture and fixtures in the room and the hostel.
- 1.12 The Heads of Departments shall maintain a separate list of students recommended for hostel accommodation and inform the Hostel office the last date of the written / practical / viva voce examination of the final semester regular course at least 15 days in advance. And students shall be permitted to take the examination only on the production of NO DUES CERTIFICATE from the hostel, each semester. In the final semester they shall be required to fill in the Form C (the Application for refund of caution deposit) also to obtain the No Dues Certificate from the hostel.
- 2.00 Study Time.
- 2.01 Silence should be observed during the study time.
- 2.02 Inmates of Men's hostels are expected to be back in their rooms not later than 10.30 p. m. each day. Those who return to the hostel after 10.30 p. m. shall enter their names and room numbers in LATE-COMERS Register maintained in the Hostel. Research scholars may be permitted to stay late in the Library / Laboratory with the specific sanction of the Assistant Wardens concerned.

Note: Separate rules regarding discipline will be framed by the Hon. Warden in consultation with the Matron in respect of Ladies Hostel.

- 3.00 Visitors and guests.
- 3.01 Visitors shall not be entertained in the rooms during the study time and at night.
- 3.02 Guests may be allowed on sanction from the Assistant Warden and on advance payment of guest charges as per the hostel rules.
- 4.00 Fees and Charges
- 4.01 Caution Deposit Rs. 100.00
- 4.02 Admission fee Rs. 10.00
- 4.03 Association Fee Rs. 10.00 per semester
- 4.04 Room Rent Rs. 15.00 per head per month for multi-seated room.
Rs. 20.00 per month for a single room.
- 4.05 Fine and re-admission fees the general rules of the Department will apply.
- 4.06 Hostel Establishment Rs. 5/- per month
- 4.07 Guest Charges : Rs. 3.00 per day for the first three days and Rs. 5/- per day for the subsequent 5 days beyond which no person shall be entertained as a Guest.
(The Guest charges will be collected by the Asst. Warden and remitted in the Hostel office)

Note: 4.01 to 4.06 to be collected by the Departments and credited to Hostel Accounts.

5.00 Mess

5.01 The inmates of the hostels may run a mess on a dividing basis, by electing a mess secretary, a mess committee and audit committee from among themselves from time to time, under the over-all supervision of the Assistant Warden.

5.02 The mess committee is responsible for the safe keeping of the articles supplied by the University for the running of the mess.

6.00 Recreation facilities

6.01 Limited facilities for indoor and outdoor games are Provided and a few newspapers are subscribed to by the University.

7.00 House - keeping committee

A House keeping committee of the inmates under the leadership of the Hostel Secretary, elected from time to time may ensure clean physical environment and discipline among the inmates.

8.00 Vacating the hostel.

8.01 The students should complete the Form C and submit the same to the Hostel office, at least, 15 days before the date of vacating the Hostel.

8.02 Before receiving the Caution Deposit back, the student should complete the Form B and submit the same to the Hostel Office.

8.03 Hostelers may be required to vacate the hostels during the annual vacation for repair and maintenance work of the buildings and furniture.

8.04 At the time of fresh admissions to the hostel, all the previous residents shall be required to fill in the Form B for re-registration.

8.05 Transfers between rooms or hostels are not permitted; but in special cases requests based on specific reasons may be considered by the Hon. Warden on merits.

3.06 The Hon. Warden shall have the authority to transfer a student from one room to another room or from one hostel to another hostel.

8.07 The Head of the Department shall intimate the Hostel Office, at least, 15 days in advance the names of students who are to be sent out-of-station for field work or practical training. The resident shall intimate the Assistant Warden in writing the period of his absence for training or field work. During such period, the room shall not be occupied by any other person. If the Assistant Warden is not available in the hostel, the resident shall inform (in writing) the Hostel Office, the period of absence. Anyone leaving without prior intimation shall be treated as having vacated the hostel without authorisation and re-admission may be made only on the written recommendation of the Head of the Department.

ASSISTANT WARDEN - DUTIES & RESPONSIBILITIES

1. Assistant Warden shall stay in the hostel to which he is appointed.

2. He/She shall assist the Hon. Warden in the day-to-day running of the hostel.
3. He shall be primarily responsible for the enforcement of hostel rules and the maintenance of general discipline among the inmates.
4. He shall exercise supervision over all the organised activities of the hostel and especially over the running of the mess.
5. He shall maintain a record of all the inmates of the hostel and will ensure the observance by them of the hostel time-table.
6. He shall maintain a diary of all the activities of and developments in the hostel and bring to the attention of the Hon. Warden any situation warranting his immediate intervention.
7. Assistant Warden may permit occupants to entertain guests on advance payment of guest charges by them and remit the guest charges to the Hostel Office during the next working day.
8. Assistant Warden shall be the custodian of University property including furniture, fittings, utensils and equipments and shall immediately report to the Hon. Warden any damages caused to them.
9. Assistant Warden shall make necessary arrangements for the use of hostel telephones wherever provided and collection of telephone charges from the inmates immediately after the use of the phone. The amount thus collected shall be remitted to the Hostel Office during the next working day.

10. He may grant permission to research students to stay late in the Library/Laboratory for their continued work on the specific recommendation of the Head of the Department.

APPENDIX V TO ITEM NO. 173.17

List of Equipments

Sl. No.	Name of the firm	Description	Quantity required	Cost ex. ST, AST etc.
				Rs. Ps.
1.	M/s. Concord Instruments, Cochin-16	Direct shear apparatus multiple reversal type motorised 12 speeds IS 2720 part X	1 set	13680.00
2.	"	Tension Compression proving ring cap 2 kn. for the above apparatus	1 no.	2440.00
3.	"	Constant pressure system for double units	1 set	26165.00
4.	"	Triaxial cell, stationary bushing IS 2720, part XII for testing 38 mm x 76 mm specimens with accessories kit	1 no.	2930.00

Sl. No.	Name of the firm	Description	Quantity required	Cost ex. ST, AST etc.
5.	"	Three part split mould 38mm dia with collar base plate and hinged clamp	1 no.	718.00
6.	"	End former 20 mm bore by 4 mm DD polythene tubes	1 no.	50.00
7.	"	Universal tri-axial cell, stationary bushing for 38,50,70 and 100 mm dia specimen with accessories for 100mm dia samples	1 no	18110.00
8.	"	Three part split mould 50 mm dia with collar base plate and hinged clamp	1 no.	775.00
9.	"	Three part split mould 70 mm dia with collar base plated and hinged clamp	1 no.	1175.00

Sl. No.	Name of the firm	Description	Quantity required	Cost ex. ST, AST etc.
10.	"	Three part split mould 100 mm dia with collar base plate and hinged clamp	1 no.	1300 00
11.	M/s International Scientific Corporation, New Delhi-5	Swell test apparatus with accessories	1 no.	5420.00
12.	M/s Concord Instruments, Cochin-16.	Universal Automatic compactor IS 2720 (part VII and VIII)	1 no.	9740.00
Total				Rs. 82503.00
(ex. ST, AST etc)				

APPENDIX VI TO ITEM NO.173 21

UNIVERSITY OF COCHIN

Meeting of the Building Committee of the University
at 11 a.m on 9-12-1982

At the Department of Marine Sciences

Present :

1. Shri H. P. Mohammed Rowther,
Superintending Engineer
(B & R), Alwaye Circle.
2. Shri Aravindakshan Nair
3. Dr. P. N. Krishnan Nambisan
4. Shri M. K. Raghavan

I. Detailed Plan & Estimates of the Building of School
of Engineering Sciences.

i. The work may be put to tender in three prominent
Dailies as per rules.

ii. The Superintending Engineer, B & R, Alwaye Circle,
agreed to issue the rate confirmity certificate shortly after
detailed examination of the estimates in the office.

I. Terms & Conditions under which works are to be
entrusted to the KSCC Ltd.

1. *New Hostel*: The Committee noted that the work of
New Hostel had already been tendered with wide publicity
and no contractor has come forward to take up the work.
The construction is urgent and considerable time lag has
already been there due to reasons beyond control since

sanctioning of the work. The student community are eagerly
watching the progress of the construction. In the circum-
stances, Committee feel that it will be in the best interest
of the University that this work is entrusted to the KSCC
Ltd. based on negotiation. The basis of negotiation was
discussed in detail and based on information furnished to
the committee, by Superintending Engineer, B & R, Central
Circle, State PWD, the Committee recommend that,

- i) The work shall be entrusted based on negotiation
with the KSCC if the rate offered is not more than
estimate + 95% less cost of materials supplied by
the University.
- ii) Provision can be made for advance payments as well
as monthly advance payments based on bills furnished
by the KSCC Ltd. Payments made monthly shall be
treated as advance payment against bills and shall
be adjusted against the bills for each stage.
- iii) The number of stages for payment may be fixed
as 8. The payment to the KSCC shall be limited
to the amount to be fixed for each stage and may
be linked with actual measurement/check measure-
ment of the works done at site.

2. *Extension to the Existing Women's Hostel*: Committee
noted that this work had already been tendered twice and
here was no satisfactory response. In the circumstances
and considering the facts detailed above Committee reco-
mmend the entrustment of the above work for a negotiated
rate of not more than estimate + 59% over the 1980 esti-
mate rates to the KSCC Ltd.

III. Review of Progress of works

It was pointed out that the Director of Industries has intimated that levy cements may not be available to the University for the quarter ending December, 1982. It is, therefore, recommended that,

1. Immediate steps be taken to procure atleast 3000 bags of cement from SIDECO, Cochin in order to ensure uninterrupted progress of works.

2. The Vice-Chancellor may be requested to appraise the General Manager, SIDECO about the urgent cement requirements of the University in order to expedite sanction of non-levy cement from SIDECO.

IV. Construction of Administrative Office Block-Discrepancies regarding payments made to the KSCC Ltd;/pointed out by Shri S. C. S. Menon, Member Syndicate.

The Committee examined in detail the note presented by Shri S. C. S. Menon and the explanatory note prepared by the University Office.

1. The Committee is endorsing the view expressed by Shri Menon that payment to KSCC Ltd. should be based on measurements checkmeasured by the University Engineering Department.

2. The Committee is also of the view that strict instruction shall be given to the KSCC officials concerned that no materials can be taken out of the University Campus without the knowledge and permission of the University Engineer or an official in the University Engineering Department authorised by him for the purpose. Proper registers

for the purpose shall also be maintained by the University Engineering Department for the purpose.

3. It is noted that the payments are effected only for measured quantity of work done and other eligible item as per conditions in the Agreement. The Committee also make note of the fact that whatever may be the claims of the Corporation in terms of 'Actuals + 20%' at interim stage the maximum amount payable to them will be limited to the estimated cost of the work + 95% as per agreement. Hence the Committee is of the view that the payments made to the Corporation, are to be viewed as payments made as per agreement already executed and made to a Government undertaking with the good intention of the University to get the work done as quickly as possible. It is also noted that the University is still to settle bills of about 9 lakhs for various works carried out by the KSCC Ltd., Committee also recommend that the limitation clause of estimate + 95% should be adhered to while making final payment.

V. Repairs and Maintenance work

The University Engineer may prepare immediately estimates in respect of such buildings for which no maintenance work has been carried out since the last 3 years on a priority basis.

VI. Maintenance and Modification in the Marine Sciences Building.

1. The University Engineer may be asked to prepare detailed proposals for the modification suggested by the Head, Department of Marine Sciences.

2. Necessary ratification works may be immediately done to rectify cracks seen on the walls of the microbiology laboratory of the department as a temporary measure and further developments watched.

Sd/-
REGISTRAR

APPENDIX VII TO ITEM NO. 173 31

Minutes of the meeting of the Planning Committee of the Syndicate held on December 21, 1982 - consideration of.

Present:

1. Dr. K. Gopalan,
Vice-Chancellor - in the Chair
2. Prof. T. B. K. Menon
Pro-Vice-Chancellor
3. Shri S. C. S. Menon
Member, Syndicate
4. Dr. Paul A. Vatakencherry
Member, Syndicate

Recommendations

I. Proposals to be placed before the State Planning Board.

The Committee recommended that an annexure to the note already prepared and forwarded to the State Planning Board for Plan assistance for the year 1983-'84 (copy enclosed) might be sent to the Planning Board requesting to recommend special assistance for the following items also:-

1. Increased allocation for the purchase of books in the Central Library.
2. Construction of residential quarters for the non-teaching staff of the University.

II. Proposals to be placed before the Sixth Plan Visiting Committee.

The Committee noted that the Sixth Plan Visiting Committee would be visiting the University during 20-22 January 1983. The Committee also took note of the fact that out of Rs. 75 lakhs allocated by the Commission for the development of the University during the Sixth Plan period, a sum of Rs. 12 lakhs had already been released to the University as basic grant towards purchase of books and equipments and that approval had been received for Rs. 12.5 lakhs as matching share of assistance for the construction of the new hostel for the students. The commission had also given sanction to fill up all the Fifth Plan spill over posts during the Sixth Plan period making the expenditure in this regard as the first charge on the Sixth Plan allocation. In the light of the above facts, the Committee observed that there would be only a sum of Rs. 2.50 lakhs left for the construction of departmental buildings under plan and a small amount for filling up new teaching posts other than those already advertised. The Committee therefore recommended the following.

(a) Buildings

- 1) Priority I be given for the construction of an extension to the Physical Science Building to meet the requirements of space of the Dept of Applied Chemistry
- 2) Special assistance from outside the Sixth Plan allocation be requested for the construction of:-
 - i) quarters for the Vice-Chancellor, Pro-Vice-Chancellor, Registrar and the teaching staff.
 - ii) 8 apartments for the stay of the Visiting faculty appointed under the UGC and other schemes.

- iii) A non-resident students centre (NRSC) and facilities for indoor and outdoor games.

(b) Staff

Only minimum essential staff required by each department be asked for, for the consideration of the Visiting Committee.

(c) Books & Equipments

- i) More allocation be requested for strengthening the Central Library and other central facilities.
- ii) A need-based list of equipments needed by each department be prepared after examining the list of costly equipments already acquired by various departments.

- (d) Request for more number of fellowships and scholarships and some assistance for examination reform work be also placed before the Visiting Team.

Proposal to be placed before the Visiting Committee on MBA by Correspondence

The Committee noted that the UGC Visiting Committee would be coming to the University on January 24, 1983. The Vice-Chancellor informed that the UGC had identified only 5 Schools of Management in India for the implementation of the MBA by Correspondence and ours was one of them. The Committee therefore resolved that all possible efforts should be put in by the University to implement the programme and suggested that the proposed course should be administered jointly by the School of Continuing Education - the academic aspects being taken care of by the School of Management Studies and the administration and Co-ordination by the School of Continuing Education.

The meeting came to an end at 1 p.m.

Sd/-
Registrar

UNIVERSITY OF COCHIN

ANNUAL PLAN - 1983-84

NOTE TO THE STATE PLANNING BOARD

1.0 Introduction

The University of Cochin was - conceived - and established by the State Government in July 1971 as the Science & Technology University of Kerala. "Development of higher education with particular emphasis on post-graduate studies and research in applied sciences, technology, industry and commerce" is the basic concern of the University as enshrined in the preamble of the Cochin University Act. In spite of the meagre inputs so far given, the University has done well in promoting training and research in several emerging areas of Science & Technology. Most of the Departments/Schools of study and research the University has started since its establishment are in the fields of applied sciences, engineering and technology. These Departments/Schools could not be developed and consolidated because of lack of adequate support from the State Government. It is not known how and why this University - which is producing high quality *engineers and technologists* at under-graduate, post-graduate and doctoral levels - is not allocated funds also from the Technical Education Sector of the State Plan. This needs to be investigated. To quote the State Planning Board from its Draft Sixth Plan (1980-85): "...the Cochin University deserves special financial support in view of the modest financial assistance it has received so far and its technological character". The University expects this to happen atleast from now on.

The Chief Minister and the Education Minister who recently visited this University have said that the State Government is determined to develop this University into a top Technological University. An Expert Committee consisting of eminent scientists and technologists of international repute (and on which the State Government was represented through the Education Commissioner, Shri P. K. Umashankar) has recently prepared a plan and a strategy for the further development of this Technological University consistent with its declared objectives. The Report of the Committee is expected shortly. It is informally understood that the Committee has recommended an annual plan input of at least Rs. 125 lakhs from the State Government with corresponding matching grants from the UGC and other sources. The Committee is also reported to have recommended that in order to reflect its true character, the University be renamed as "Kerala University of Science & Technology, Cochin" or "Science and Technology University of Kerala, Cochin."

2.0 ANNUAL PLAN 1983-84

2.1 Establishment of a Computer Centre

The University is already offering a post-graduate programme in Operations Research and Computer Applications. To offer this programme as well as to implement the large number of sponsored research projects, the University is now buying time from other Computer Centres situated far away. The University has also taken action to start with immediate effect an M. Tech programme in Computer and Information Sciences as recommended by the All India Council for Technical Education, Government of India.

A project proposal for the establishment of a major Computer System (VAX - 11/780 Computer) has already

been submitted to the UGC. The esteemed non-recurring cost towards the purchase of the computer and its accessories is Rs. 101.68 lakhs, and the annual recurring expenditure towards maintenance, salary of staff etc. is Rs. 6.02 lakhs. The R & D organisations and industrial establishments in and around Cochin have shown keen interest in this proposal. It is hoped that the UGC will clear the project provided the State Government extends necessary matching assistance for the building, airconditioning etc.

Minimum matching assistance required for 1983-84 from State Government	}	Rs. 20 lakhs
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2.2 Introduction of M. Tech Degree Course in Electronics & Communication Systems and Computer & Information Sciences.

The Visiting Committee appointed jointly by the UGC and the All India Council for Technical Education (Government of India) to examine the development proposals of the Department of Electronics has strongly recommended immediate introduction of an M. Tech Degree course in Computer & Information Sciences in addition to the existing M. Tech programme in Electronics & Communication Systems. The Visiting Committee has recommended to the UGC that a sum of Rs. 59.25 lakhs towards non-recurring and Rs. 8.03 lakhs towards recurring items of expenditure may be made available to the University during the Sixth Plan period for the development of the Electronics Department. Matching provisions will have to be given by the State Government.

Minimum matching assistance required for 1983-84 from State Government	}	Rs. 20.50 lakhs
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2.3 Construction of an Engineering & Technology Block (School of Engineering Sciences)

The University Grants Commission has approved the plan and estimates submitted by the University for the construction of a building to house the Department of Polymer Science & Rubber Technology, School of Technology and the other divisions of Engineering and Technology proposed to be started during the Sixth Plan period. The estimated cost of this building is Rs. 25 lakhs according to the 1981 schedule of rates and the UGC has agreed to pay Rs. 12.5 lakhs for this purpose. According to the present (1981) schedule of rates, the cost of this building will be not less than Rs. 35 lakhs. The balance amount of Rs. 22.50 lakhs will have to be met from the State Plan funds.

Minimum matching assistance required } Rs. 22.50 lakhs
for 1983-84 from State Government

2.4 Construction of a hostel for men students and a laboratory building for housing the newly acquired equipments of the Engineering/Technology Departments

The UGC has approved the construction of a new hostel for men students at an estimated cost of Rs. 25 lakhs. The foundation stone was laid recently by the Education Minister and the construction work has been taken up. The work is expected to be completed during 1983-84. The assistance from UGC is 50% and the balance cost of construction has to be met as matching grant.

The Department of Polymer Science and Rubber Technology though started in 1972 has been functioning without

any laboratory facilities of its own. The State Committee on Science & Technology recently granted Rs. five lakhs for organising a laboratory. These equipments have to be housed as a matter of urgency. Some sophisticated equipments donated by the Alexander von Humboldt Foundation of West Germany are also on the way. To install these as well as the equipments recently acquired by the School of Technology, the construction of a laboratory building at an estimated cost of Rs. 8 lakhs has been taken up on an urgent basis. It is expected to be completed early during 1983-84.

Minimum matching assistance required } Rs. 15 lakhs
for 1983-84 from State Government

2.5 Consolidation of existing Departments

The Departments/Schools of Industrial Fisheries, Polymer Science and Rubber Technology, Environmental Studies and Technology have been functioning without adequate physical facilities such as buildings, laboratories, equipment etc. Though some such facilities exist in the Departments of Applied Chemistry, Electronics and Ship Technology, they need to be augmented considerably. Substantial capital inputs are required to consolidate these Departments/Schools.

Minimum matching assistance required } Rs. 32 lakhs
for 1983-84 from State Government

2.6 Modernisation of old Laboratories

Another factor requiring special mention is the necessity to modernise some of the old laboratories of the 44-year old Department of Marine Sciences and the 20-year old Department of Physics. Both these Departments are doing

advanced research in many emerging areas of Science and Technology. They need a lot of modern items of equipment.

Minimum matching assistance required
for 1983-84 from State Government } Rs. 15 lakhs

3.0 Claim of Cochin University for Funds from Technical Education Sector

As already mentioned, the University of Cochin was conceived and established as a Science & Technology University. This University is producing high quality engineers and technologists at under-graduate, post-graduate and doctoral levels. This University has, therefore, a claim - and a right - to get funds from the Technical Education Sector.

4.0 The proposed Advanced Centre for studies in Science & Technology

It is understood that there is a proposal to set up in Kerala an Advanced Centre for Studies in Science & Technology. The objectives of the proposed Centre almost entirely tally with the objectives with which the University of Cochin was established 11 years ago. The University of Cochin is already working in many of the areas proposed. Most ideally located in the industrial and commercial hinterland of Kerala, the University of Cochin has developed a pattern of close interaction with a large number of R & D organisations, industrial establishments and Government Departments. Working in many emerging areas of Science & Technology at post-graduate, doctoral and post-doctoral levels, the University has acquired the necessary competence and culture to be declared the Advanced Centre for Studies in Science & Technology. The matter was

represented to the Chief Minister who has agreed to examine this proposal. It is requested that the funds earmarked for the proposed Centre be made available to the University of Cochin. After taking all aspects into consideration, the Expert Committee mentioned above is also reported to have made this recommendation.

5.0 Foreign/External inputs

It is possible to get substantial inputs from the various Departments of the Government of India (ie. Defence, Space, Electronics, Atomic Energy, Science and Technology etc.) as well as from and through various technical collaboration programmes, unesco, US-held rupee funds etc. The University is expecting to get at least Rs. 150 lakhs from these sources during 1983-84. But these funds will be forthcoming - only if - basic infrastructural facilities such as laboratory buildings, basic equipment etc. are provided by the University, for which the minimum Plan inputs required from the State Government for 1983-84 is Rs. 125 lakhs.

6.0 Conclusion

In view of the foregoing, the State Planning Board may kindly recommend to the State Government:

- to provide to the University a Plan allocation of atleast Rs. 125 lakhs for 1983-84 for the programmes/ activities mentioned in pars 2.1 to 2.6 as indicated below:

Establishment of a Computer Centre ... Rs. 20 lakhs

Introduction of M. Tech Degree Courses
in Electronics and Communication Systems
and Computer & Information Sciences ... Rs. 20.50 ..

Construction of an Engineering and Technology Block (School of Engineering Sciences)	...	Rs. 22.50	..
Construction of a hostel for men students and a laboratory building for housing the newly acquired equipments of the Engineering/Technology Depts.	...	Rs. 15	..
Consolidation of existing Departments	...	Rs. 32	..
Modernisation of old laboratories	...	Rs. 15	..
Total	...	<u>Rs. 125</u>	<u>lakhs</u>

- to allocate to the University adequate funds also from the technical Education Sector to consolidate and further develop the Engineering and Technology Departments of the University.

- to give to this University the funds earmarked for the proposed Advanced Centre of Studies in Science & Technology with a view to further develop the University into a Centre of Excellence in Science and Technology.