

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Minutes of the 217th meeting of the Syndicate held on June 7, 1986

Place of meeting : Administrative Office
Cochin-22

Time : 10.30 a. m.

Members present

1. Dr. K. Gopalan
° (Vice-Chancellor (in the Chair))
2. Prof. C. A. Abdussalam
3. Dr. N. Balakrishnan Nair
4. Shri Joseph Puthusserry
5. Prof. Joseph Skariah
6. Shri. G. K. Pillai
7. Prof. R. Pratab
8. Dr. N. Raman Nair
9. Shri M. S. K. Ramaswami
10. Dr. N. Ravindranatha Menon

11. Dr. C. S. Sridhar

12. Shri P. P. Thankachan

13. Shri Thiruvanchoor Radhakrishnan

Shri S. Varadachari, Dr. K. Alagarwamy and Shri Ishaque Kurikkal had intimated their inability to attend the meeting.

Item No. 217.01 : Confirmation of the minutes of the meeting of the Syndicate held on 3.5.1986.

Resolved that the minutes of the 216th meeting of the Syndicate held on 3.5.1986 be confirmed subject to the following emendations:

Item No. 216.28 (ii) of the resolution, last line: the word 'selected' be inserted before the word tender.

Item No. 217.02 : Report of the Vice-Chancellor on important developments in the University since the last meeting.

1. In his capacity as Chancellor of the University, the Governor of Kerala has issued orders constituting the first Academic Council of the newly re-organised Cochin University of Science and Technology. The 74-member Academic Council has in it a large number of eminent scientists and technologists representing various R & D organisations, Universities, industrial establishments, departments of the Government of India and the University Grants Commission. All Deans of Faculties, Chairmen of Boards of Studies, and Heads of Departments/Schools of the University are members of the Academic Council.

Among the prominent scientists /technologists in the Academic Council from outside the University are: Dr. M.S. Valiathan (Sree Chitra Tirunal Institute for Medical Science and Technology, Trivandrum,) Dr. M. R. Kurup (SHAR Centre, Sriharikota), Dr. R. Kumar (Indian Institute of Science, Bangalore), Dr. S. C. Datta Roy (IIT, Delhi), Dr. K. S. Yajnik (NAL, Bangalore), Dr. V. K. Aatre (NPOL, Cochin), Dr. S. C. Gupta (VSSC, Trivandrum), Dr. P. S. R. B. James (CMFRI, Cochin), Dr. M. Krishnankutty (NIO, Cochin) and Dr P. Desikan (Madras petrochemicals Limited, Madras). Shri T. N. Menon of the Travancore Cochin Chemicals, Shri Abraham Thomas of the FACT and Shri P. U. Cariappa of the Cochin Shipyard have also been nominated to the Academic Council. Three full-time Ph. D. research scholars and three outstanding post-graduate students to be nominated by the Vice-Chancellor are also members of the Academic Council.

2. The UGC has conveyed its formal approval for the introduction of a post-graduate programme in Radar and Microwave Electronics in the University. The approval has been given on the recommendation of the All India Council for Technical Education. The course will be offered by the Department of Electronics.

Ten students will be admitted every year under this specialisation and each admitted student will get a scholarship of Rs.1,000/- per month apart from an annual contingent grant of Rs. 3,000/-. A non-recurring grant of Rs.7 lakhs and an annual recurrent grant of Rs. 2.3 lakhs have been sanctioned for running this programme.

3. Information has been received from the University Grants Commission that the Seventh Plan allocation to this University for General Development is Rs. 100 lakhs.

This is over and above the allocation of Rs. 10 lakhs for housing facilities for teachers, Vice-Chancellor etc.

4. The Science, Technology and Environment Committee of the State Government has approved the research project on "Characterisation of ferro-electric liquid crystals for dynamic display" submitted by Dr K. G. Balakrishnan, Reader, Department of Electronics. The fund approved is Rs. 25,000/- for one year.

5. The University will be hosting the prestigious biennial National Symposium on Quantum Electronics in December this year. The symposium is being sponsored and funded by the Department of Atomic Energy, Government of India. About 250 laser experts from all over India and abroad are expected to participate in the symposium, which will highlight and discuss the latest developments in laser technology with particular reference to their utilisation in the Indian context. The University Department of Physics is organising this symposium in close collaboration with Bhabha Atomic Research Centre, Bombay.

6. On a request from the industrial establishments in and around Cochin, our Department of Physics is organising a one-day Workshop on 'Lasers in Industry'. The purpose of this workshop is to familiarise scientists and technologists working in these establishments with the latest developments in laser technology.

7. Under their Overseas Development Programme, the British Council Division of the British High Commission in India have gifted to the School of Marine Sciences of this University books worth Rs. 340,000/-.

8. Mr. Alex P. Lukose of our School of Management Studies has returned after his participation in the H. R. H.

Duke of Edinburgh's Sixth Commonwealth Study Conference in Melbourne, Australia during May 10-30, 1986.

9. Dr. D. V. Viswanatham of the School of Marine Sciences is back with us after attending the two-week course on "Physical climatology for solar and wind energy" organised at the International Center for Theoretical Physics, Trieste, Italy.

10. Mr K. N. Prabhudeva, Research Scholar, School of Marine Sciences participated in the 10-day Conference of the "Asian Fisheries Forum" held in Manila Phillipines. He presented a paper at this conference which was attended by fishery scientists from 47 countries.

11. Mr. K. Mohan Kumar, Lecturer in the School of Marine Sciences is being deputed to Participate in the Sixth International Symposium on Solar Terrestrial Physics associated with the 26th COSPAR (Commission on Space Research) at Toulouse, France during June 30-July 12, 1986.

12. Dr R. S. Chakravarthy, Reader in our Department of Mathematics and Statistics is being deputed to participate in the research symposium in Algebra at the University of Leeds, UK during July 3-12, 1986.

13. Shri V. Radhakrishnan Nair, Finance Officer, of the University sought the intervention of the High Court against the termination of his services in implementation of Section 49(1) of Ordinance 30 of 1986 till the disposal of the original petition filed by him, and the court has ordered 'notice and interim stay'.

14. Dr. C. N. Satyapalan, Registrar of the University approached the High Court for a direction to the State

Government and the University to allow him to continue as the Registrar of the Cochin University of Science and Technology till he attains the age of superannuation under the K. S. R. during the pendency of the Original petition filed by him. And the High Court has ordered "notice and interim direction as prayed for".

Immediately after the Vice-Chancellor had made his report. Shri Joseph Puthussery moved the following resolution seconded by Prof: Joseph Skariah:

"The Syndicate welcomes the State Government's policy decision to constitute the Pre-degree Board in line with national education policy and requests the Government to implement the scheme as early as possible without affecting the interests of the teachers and employees concerned."

The resolution was adopted.

Item No. 217.03: Temporary exemption from passing special or Departmental Tests to Scheduled Castes/Scheduled Tribes- Extension of period and clarification- G. O. adoption for implementation- reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for adopting G: O: (P) No 141/86 GAD dated 30-4-1986 granting SC/ST employees who were in service as on 31.12.1985 exemption from passing tests (Unified, special or Departmental) for a period upto 31-12-1987 without any provision for further exemption, and clarifying the scope of the exemption contemplated.

Resolved that G.O (P) No. 141/86 GAD dated 30.4.1986 as in Appendix-I be adopted for implementation in the University.

(Ad. A)

Item No. 217 04 : Request for granting leave without allowances - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request of Dr. K. Mohanachandran, Technical Assistant Grade I of the Department of Physics for leave without allowances for a period of five years w. e. f. 20.6.1986 for taking up appointment with M/s. Harvin Agencies, Hyderabad.

Resolved that Dr K. Mohanachandran be granted leave without allowances for a period of two years w. e. f. 20.6.1986 subject to the conditions stipulated in G. O. (P) 780/83/ Fin. dated 16.12.1983.

(Ad. A)

Item No. 217.05 : TA/DA to examiners for journey by train - clarification - reg.

The Syndicate considered the proposal for regulating TA/DA admissible to examiners.

Resolved that examiners appointed by the University performing journeys between places connected by rail be paid $1\frac{1}{4}$ first class train fare.

(Ex.C)

Item No. 217.06 : Revision of Remuneration for the conduct of University Examinations-reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the recommendation of the IUCC regarding rates of remuneration for examination duty.

Resolved that the recommendations of the IUCC regarding remuneration payable for examination duty as given below be approved for implementation.

1. The rate of TA for Road journey undertaken for examination purpose be raised from 65 ps. per K. M to 75 Ps. per K M.
2. The rate of DA for examination purpose be raised to Rs. 30/-per day, from the existing rate of Rs. 22/50
3. The remuneration due to the Assistant Superintendent be raised to Rs. 12/-from the existing rate of Rs. 10/-
4. The remuneration to the Office Superintendent be raised from Rs 10/- to Rs.12/-per session.

(Ex.C)

Item No. 217.07 : Electronics Research and Development Centre, Vellayambalam, Trivandrum and Vikram Sarabhai Space centre, Thumba, Trivandrum-request for recognition as centres of research-reconstitution of Inspection Committee.

The Syndicate considered along with the recommendation of the Standing Committee on Academic Matters, the proposal for reconstituting the Inspection Committee for

recommending the suitability of the Electronics Research and Development Centre, Vellayambalam, and the Vikram Sarabhai Space, Centre, Trivandrum, for recognition as Recognized Institutions under the University.

Resolved that the Inspection Committee be reconstituted with Dr. Joseph Francis, Dean, Faculty of Technology as Convener, and Dr. C. S. Sridhar Dean, Faculty of Engineering, Dr. M. G. Krishna Pillai, Dean, Faculty of Science, and Dr. N. Balakrishnan Nair, Member Syndicate as members.

Resolved further that the committee may visit the centres and submit its report within two months, specifically identifying the areas of research in the two institutions to be recognized for advanced research

(A C.)

Item No. 217 08: Daily allowance to officers employed for contact classes - revision of rates - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for fixing the rates of DA admissible to officers engaged for contact classes under the School of Continuing Education.

Resolved that persons engaged for the conduct of contact classes organized by the School of Continuing Education be paid DA as prescribed in the K.S.R.
(Ac. A)

Item No. 217 09: School of Technology-appointment of course coordinators/faculty for M.Tech (part-time) degree course-reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters,

the request of the Reader-in-charge, School of Technology, for sanction of the requisite faculty for the conduct of the School's M. Tech (part-time) degree programme (3rd batch), and for fixing the rates of remuneration payable to the Faculty.

Resolved:

(i) The rates of remuneration be as ordered under U O. No. Ac. A2/57/ST/82/dated 20.6.1983.

(ii) The Vice-Chancellor may call for the biodata of the persons recommended by the School and take a suitable decision regarding the faculty to be approved,

(Ac.)

Item No. 217.10 : University post-doctoral research fellowship - norms for selection of candidates and award of fellowship - reg.

Deferred for consideration at the next meeting together with the draft regulations prepared by the Academic Committee.

(Ac.)

Item No. 217.11: Award of Prof. C. V. Kurian Endowment prizes for the year 1985 - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for the award of the Prof. C. V, Kurian Endowment prizes for the year 1985.

Resolved:

- (i) Prof C. V. Kurian Endowment prizes for the year 1985 of the value of Rs. 275/ be awarded to the following candidates :

- (a) Smt. Jessy Varghese
- (b) Shri V. Subramanian
- (c) Shri Mathewkutty Jose
- (d). Shri C. Jayaprakash

- (ii) The Vice-Chancellor be authorised to make the awards of prizes, medals created/instituted under the University.

(Ac. B)

Item No. 217.12 : Dr. R.S. Chakravarthi - recognition as Supervising Guide - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for recognising Dr. R. S. Chakravarthi, Reader, Department of Mathematics & Statistics, as supervising guide for research under the Faculty of Science.

Resolved that Dr R. S. Chakravarthi be recognised as supervising guide for research under the Faculty of Science of the University.

Resolved further that the Standing Committee of the Syndicate on Academic Matters may review the existing regulations in the matter and examine the desirability of

insisting on published work of good quality as a pre-requisite for according recognition as research guides.

(Ac. B.)

Item No. 217.13 : Regulations and amendments to Regulations passed by the Academic Council at its meeting held on 5.3.1986 - approval of and fixing dates of effect - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for approving and giving date of effect to the new Regulations and the amendments to existing Regulations passed by the Academic Council at its meeting held on 5.3.1986.

Resolved that the following Regulations be approved and gazetted.

A. Faculty of Science

1. The revised scheme of examination for the M. Sc. degree course in Applied Chemistry - (date of effect 1986-87 admissions onwards).
2. The Regulations for M. Phil degree course in Applied Chemistry (date of effect 7.6.1986 onwards)
3. The Regulations for the M.Sc. degree course in Bio-technology under the Faculty of Science in the Department of Applied Chemistry (date of effect 7.6.1986 onwards)

4. The Regulations for the MSc. degree course in Analytical Chemistry and Chemical Instrumentation under the Faculty of science in the Department of Applied Chemistry (date of effect 7.6.1986 onwards)

5. Amendment to the Regulations in respect of the M.Sc. degree course in Operations Research and Computer Applications (date of effect 1985-86 admission onwards)

B. Faculty of Technology

1. The Regulations for the M.Sc. degree course in Computer Software with the clarification that the maximum age limit fixed for admission to the course be 21 years of age as on June 1 of the year of admission (date of effect 1986-87 admissions onwards).

2. The revision of Regulations for promotion of M.Tech Students in Computer and Information Science (date of effect 31. 1. 1985 onwards).

C. Faculty of Humanities

The amendment to the Regulations for the Post-graduate Certificate course in Russian (date of effect 25-3-1982 onwards)

(Ac)

Item No. 217.14 : Student's Aid Fund - revision of rules reg.

The Syndicate considered the question of raising the ceiling on the family income of applicants for assistance from the Student's Aid Fund.

Resolved that the maximum family income of applicants for assistance from the University's Student's Aid Fund be retained at Rs. 5000/- per annum.

(Ac.A)

Item No. 217.15 : Registration for research for Ph D. application of Sri. Philip Mathew consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request of Shri Philip Mathew for registration for research leading to the Ph. D. degree of this University.

Resolved that Shri Philip Mathew be granted registration for research under the Faculty of Marine Sciences under the supervision of Dr. N. Ravindranatha Menon in the general area of Marine Pollution, the title of his thesis being: SUB-LETHAL EFFECTS OF POLLUTANTS ON MARINE ORGANISMS", and that the date of effect of his registration be the date of joining research after the grant of registration

(Ac.B)

Item No. 217.16 : Ph. D. thesis entitled, "Studies on the Ecology and Productivity of Saline Lagoon" submitted by A. Silas Ebenezer-Evaluation Reports and Report of Viva Voce Examination - Consideration of:

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters,

the individual reports of the examiners, together with the consolidated report of the Chairman, Board of Examiners and the minutes of the viva voce in respect of the Ph.D. thesis : **STUDIES ON THE ECOLOGY AND PRODUCTIVITY OF SALINE LAGOON**, submitted by Shri A. Silas Ebenezar, full-time research scholar, who worked in the Central Marine Fisheries Research Institute, Cochin, under the guidance of Dr. P. Parameswaran Pillai, Sr Scientist of the Institution:

Resolved that Shri A. Silas Ebenezar be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for the Ph. D. thesis: **STUDIES ON THE ECOLOGY AND PRODUCTIVITY OF SALINE LAGOON**, submitted by him.

(Exam. A)

Item No. 217.17 : Ph.D. thesis entitled "Studies on the Deep-sea Prawns off South West Coast of India" submitted by C. Suseelan - Evaluation Reports and Report of Viva Voce Examination - consideration of:

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual reports of the examiners together with the consolidated report of the Chairman, Board of Examiners, and the minutes of the viva voce in respect of the Ph. D. thesis : **STUDIES ON THE DEEP-SEA PRAWNS OFF SOUTH WEST COAST OF INDIA**, submitted by Shri C. Suseelan, part-time student, who worked in the Central Marine Fisheries Research Institute, Cochin under the guidance of Dr. E. G. Silas,

Resolved that Shri C. Suseelan be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for the thesis : **STUDIES ON THE DEEP-SEA PRAWNS OFF SOUTH WEST COAST OF INDIA** submitted by him:

(Exam. A)

Item No. 217.18 : Ph.D. thesis entitled "Some problems in Set Topology Relating Group of Homeo-morphisms and Order" submitted by P. T. Ramachandran - evaluation Reports and Report of Viva Voce examination - Consideration of.

The Syndicate considered along with the recommendation of the Standing Committee on Academic Matters the individual reports of the examiners together with the consolidated report of the Chairman, Board of examiners, and the minutes of the viva voce in respect of the Ph.D. thesis: **SOME PROBLEMS IN SET TOPOLOGY RELATING GROUP OF HOMEOMORPHISMS AND ORDER**, submitted by Shri P. T. Ramachandran, part-time research student, who worked in the University Department of Mathematics and Statistics under the guidance of Dr. T. Thrivikraman.

Resolved that Shri P. T. Ramachandran be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Science for the thesis : **SOME PROBLEMS IN SET TOPOLOGY RELATING GROUP OF HOMEOMORPHISMS AND ORDER**, submitted by him.

(Exam.A)

Item No. 217.19 : Ph. D. thesis submitted by George Peter - 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 : GROWTH AND CHARACTERISATION OF DIAMMONIUM HYDROGEN CITRATE AND CITRIC ACID MONOHYDRATE SINGLE CRYSTALS, submitted by Shri George Peter, full-time research student, working in the University Department of Physics

Resolved that the panel of examiners be approved and that the Vice - Chancellor be authorised to appoint the external examiners for the evaluation of the thesis submitted by Shri George Peter.

(Exam. A)

Item No. 217.20 : Missing books in the libraries of the departments of Hindi, Ship Technology and Physics - writing off - reg.

The Syndicate considered along with the recommendation of the Standing Committee on Academic Matters and Finance & Works, the requests of the Head of the Departments of Hindi, Ship Technology and Physics that the library books found missing on stock verification during 1984-85 be written off.

- (i) The cost of missing books as per list appended - Appendix II be written off.

- (ii) Heads of Departments be required to conduct annual verification of the stock of their libraries during vacation and submit reports of such verification to the University for suitable action.

(Ac A)

Item No. 217.21 : Medical reimbursement to University employee - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for reimbursing Shri K. Gopi Menon, Senior Technical Assistant of the University Science and Instrumentation Centre, the Medical expenses incurred by him for treatment undertaken in a hospital recognised for the purpose.

Resolved that a sum of Rs. 544.85 be reimbursed to Shri K. Gopi Menon towards medical expenses incurred by him.

(Ad. B)

Item No. 217.22 : Works providing water supply and sanitary fittings on the ground floor of the extension building to the Physical Science Block - detailed estimate - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the

detailed estimate of Rs. 81,000/- (based on the 1982 PWD schedule of rates) submitted by the University Engineer for the work of providing water supply and sanitary fittings on the ground floor of the extension to the physical Science building.

Resolved that the estimate of Rs 81,000/- for providing water supply and sanitary fittings for the ground floor of the extension to the physical science building be approved.

(Pl.)

Item No. 217.23 : Works - construction of an extension to the Engineering Department building plan and estimate - consideration of.

Deferred for detailed consideration at the next meeting of the Syndicate.

(Pl.)

Item No. 217.24 : Electrical repairs to the physical science building - consideration of.

The Syndicate considered along with the recommendation of the Standing Committee on Finance and Works, the proposal for rewiring the physical science block at an estimated cost of Rs. 4,15,949.00.

Resolved:

- (i) The estimate of Rs. 4,15,949.00 for the rewiring of the Physical Science building be approved.
- (ii) The funds available as overheads under the various externally funded schemes be initially utilized for undertaking the work.

(iii) The work be undertaken in two stages of which the Department of Physics be given the first priority.

(Pl.)

Item No. 217.25: Motor conveyance advance for the year 1986-87 - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for apportioning the total allocation for motor conveyance advance for the year between motor car advance and motor cycle/scooter advance.

Resolved:

- (i) Loans for the purchase of motor cars be not given as a matter of policy.
- (ii) Of the total allocation, a sum of Rs. 24,000 be tentatively earmarked for those drawing a monthly-basic pay of Rs. 2,100/- and above for the purchase of motor cycle/scooter.

(Ad. A)

Item No. 217.26 : House Building advance for 1986-87 - allocation - reg.

Deferred for detailed consideration at the next meeting together with a detailed proposal to be worked out by the Standing Committee on Finance and Works.

(Ad. A)

Item No. 217. 27 : Dearness Allowance to pensioners - revision G. O. - adoption of

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works the proposal for adopting for implementation in the University, (G O (P) 318/86/Fin. dated 23.4.1986 granting two more instalments of D. A. to pensioners to compensate for the rise in cost of living.

Resolved that G O (P) 318/86/ Fin dated 23.4. 1986 as in **Appendix III** be adopted for implementation in the University.

(Ad. A)

Item No. 217-28 : Renewal of rate contract for agreement for the supply of chemicals, glasswares, and whatman filter papers.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for renewing rate contract agreements with the firms already approved by the Syndicate on an ongoing basis for the supply of chemicals, glassware etc.

Resolved that rate contracts may be renewed for the supply of chemicals, glassware etc. with the firms already approved by the Syndicate and that the agreements be renewed periodically on an ongoing basis.

(Ad. C)

Item No. 217. 29 : Medical benefits to employees recommendation of the IV Pay Commission G. O. - adoption of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for implementation in the University G. O. (P) No. 12/86/H& FWD dated 23.1.1986 certain medical benefits as recommended by the IV Pay Commission.

Resolved that G. O. (P) No. 12/86/ H & FWD dated 23.1. 1986 as in **Appendix IV** be adopted for implementation in the University.

(Ad.B)

Item No. 217.30 : Cochin University Employee's Co-operative Society Ltd , request for purchase of shares by the University -Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the request of the Cochin University Employees' Co-Operative Society Ltd., for purchase by the University of 50 additional B Class shares of the Society

Resolved that the University may subscribe to the share capital of the Society at the rate of 10% of the additional capital raised by it.

(Pl.)

Item No. 217.31 : Payment of rentals for residential telephones of officers - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the

requests of Shri Alex P. Lukose. Hon. Director, Centre for Sponsored Research and Consultancy, and prof P. R. Poduval, Programme Director, State Level centre for Training Services, that rental charges of their personal residential telephones be met by the University.

Resolved that the rental charges of the personal telephones of Shri Alex P. Lukose and Prof. P. R. Poduval be met from the funds of the respective centres they head.

(GA & El.)

Item No. 217.32 : Research projects funded by external agencies- delegation of financial powers to Heads of Departments-consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for enhancing the financial powers already delegated to them by the Syndicate.

Resolved that in supersession of U. O No. PL A5/ 33082/85 dated 28-4-1986 Heads of Departments be delegated the power to incur expenditure not exceeding Rs. 15,000/- at any one time from scheme funds solely for procuring approved items of equipment forming part of externally financed schemes.

(PL.)

Item No. 217.33 : Recruitment to non-teaching posts-reg.

The Syndicate noted the list of vacant posts for which applications have already been received and the procedure prescribed for making selections for the posts.

Resolved:

- (i) The Chancellor be requested to constitute a selection committee for recruitment to the vacant non-teaching posts.
- (ii) Rule 14 (clauses a, b and c) and Rules 15, 16 and 17 of the Kerala State and Subordinate Services Rules 1958 as amended from time to time applied in making recruitment to the vacant posts.
- (iii) The categorization of the vacant posts for the purpose of application of the rules cited at (ii) above be as follows:

Class I Posts on scales of pay with a minimum of Rs. 1600/- per mensem and above.

Class II Posts on scales of pay with a minimum of Rs. 1050 and above but less than Rs. 1600/- per mensem.

Class III Posts on scales of pay with a minimum of Rs. 575 per mensem and above, but less than Rs. 1050/- p.m.

Class IV Posts on scales of pay with a minimum of less than Rs. 575 per mensem.

- (iv) The manner of application of Rule 14 (a, b, c) and Rules 15, 16 & 17 of the KS & SSRs to the categories listed at (iii) above be as prescribed by the Syndicate at its meeting held on 23.10.1981 vide Item No. 157.03 of its minutes.

(Ad. A)

Item No. 217.34 : Guest lectures for the Department of Ship Technology for the academic year 1986-87 - proposals - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal of the Head of the Department of Ship Technology for engaging guest faculty for handling classes for the B. Tech. degree course in Naval Architecture and Ship Building for the ensuing semester.

Resolved that the Vice-Chancellor be authorised to take an appropriate decision.

(Ac.)

Item No. 217.35 : Guest lectures for the Department of Industrial Fisheries - proposals - consideration of.

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 guest faculty for handling classes for the III semester of the M. Sc. degree course in Industrial Fisheries.

Resolved that the Vice-Chancellor be authorised to take an appropriate decision in consultation with the Head of the Department of Industrial Fisheries.

(AC.A)

Item No. 217.36 : Recognition as supervising guide Dr. A. Krishna Menon - Head of the Department of Computer Science reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request of Dr. A. Krishna Menon, Professor and Head of the Department of Computer Science of the University for recognition as a supervising guide for doctoral research.

Resolved that Dr. A. Krishna Menon be recognized as a supervising guide for research under the Faculty of Technology of the University.

(Ac B)

Item No. 217.37 : Appointment of Ship modelling mechanic in the Department of Ship Technology - action of the Vice - Chancellor - ratification of.

The Syndicate noted that the Vice-Chancellor had, taking into account the requirements of the Department of Ship Technology as initiated by its head, appointed on deputation from Government Shri P. Ramakrishnan of 9 Kerala Naval Unit NCC, Calicut, for a period of six months w. e. f. 12.5.1986.

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

(Ad. A)

Item No. 217.38 : Revision of scales of pay of certain non-teaching posts - action of the Vice-Chancellor-reporting of

The Syndicate noted that the Vice-Chancellor had, in consonance with the decision of the Syndicate vide Item No. 214.62 of its minutes, sanctioned to non-teaching employees in the pre-revised scale of pay of Rs. 800-1600 the revised scale of pay of Rs. 1300-75-2725, vide U. O. No. Ad. Al. 215/85 dated 21. 5. 1986.

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

(Ad.A)

Item No. 217.39 : Faculty of Social Sciences - nomination to - action of the Vice-Chancellor-reporting of.

The Syndicate noted that the Vice-Chancellor had nominated to the Faculty of Social Sciences, Prof P. G. Apte of the Indian Institute of Management, Bangalore, for a period of 4 years w. e. f. 15.4.1986, in the place of Prof. P. J. Philip who declined the nomination to the Faculty.

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

(Ac.B)

Item No. 217.40 : Loans and advances to employees-recovery during May 1986 postponed - G. O adopted - action of the Vice-Chancellor - reporting of.

The Syndicate noted that the Vice-Chancellor had ordered postponement of recoveries of loans and advances

for the month of May 1986 from employees drawing a basic pay of upto Rs. 1700 per mensem, in implementation of G. O. (P) NO. 339/86/Fin dated 6.5. 1986.

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

(Ad.A)

Item No. 217.41 : Adoption of guidelines for quality Improvement Programme prescribed by the Government and sponsoring Sri B. Mohan Babu, Reader, Department of Ship Technology for the Ph. D. Programme at IIT Madras - action of the Vice Chancellor - reporting of.

The Syndicate noted that the Vice Chancellor had adopted for implementation in the University the rules prescribed by the Government in G. O. M. S. No. 83/83/H. Edn. dated 25.1983 for deputing teachers in Engineering/Technology subjects for training under Quality Improvement Programme and deputed under the programme Shri B. Mohan Babu, Reader, Department of Ship Technology for research leading to the Ph. D. degree at IIT, Madras.

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

(Ad.A)

tem No. 217.42 : Telephone facility at DRDO -
Cochin University of Science and
Technology Computer Centre-
sanctioned - reporting of

The Syndicate noted that the Vice-Chancellor had-sanctioned the DRDO- Cochin University Computer Centre a telephone under the OYT Scheme in view of the urgent requirements of the Centre.

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

(GA & EI.)

Item No. 217.43 : Residential telephone to the
University Librarian - sanctioned-
reporting of.

The Syndicate noted that the Vice-Chancellor had ordered that the residential telephone for the University Librarian sanctioned by the Syndicate at its meeting held on 20-7- 1985 vide Item No. 206.28 of its minutes be applied for by the University Librarian himself, instead of by the Registrar.

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

(GA&EI.)

Item No. 217.44 : Fee structure for the M.Sc. degree,
course in Computer Software -
prescribing of.

The Syndicate considered, along with the recommen-
dation of the Standing Committee on Academic Matters,

the proposal for fixing the fee structure for the M.Sc. degree
course in Computer software.

Resolved that the fee structure of the course be as
follows:

	Rs.
Tuition fee	400/-
+ Extra-curricular Activities	8/-
Library fee	25/-
Stationery fee	25/-
+ Medical examination fee	5/-
£ Caution deposit	100/-
+ Affiliation fee for intercollegiate	
Tournaments	1/-
Laboratory fee	50/-
£ Matriculation registration fee	30/-
* Recognition fee	30/-
+ Contribution to University Union Fund	3/-
+ Students' Aid Fund	5/-

Legend:

- + For alternate semesters only;
- £ At the time of admission only;
- * For candidates who passed their qualifying examination from Universities outside Kerala.

(Ac.A)

Item No. 217.45 : Works - Construction of a building for the DRDO - Cochin University Computer Centre - Minutes of the meeting of the Managing Committee of the Centre - Consideration of-

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the rough plan and estimates for the DRDO-Cochin University Computer Centre prepared by M/s. Associated Architects, Ernakulam, together with the observations thereon of the Managing Committee of the Centre.

Resolved:

- (i) The general plan of the DRDO - Cochin University Computer Centre be approved with the modifications proposed by the Managing Committee of the Centre.
- (ii) The estimate for the centre as detailed below be approved :

1. Civil works 1625m ² @ Rs. 1,500/- per m ² area	Rs. 24,37,500
2. Doors, Windows etc.	2,50,000
3. Electrification	4,00,000
4. Water supply and sanitary fittings including cooling towers	3,00,000
	<u>33,87,500</u>
Rounded off to	Rs. 34,00,00

5. Additional cost for works such as:
internal arrangements fire
detection, stabilisers, isolators,
generator, air conditioner,
furniture etc.

34,00,000

Total Rs. 68,00,000

(iii) M/s. Associated Architects be entrusted with the work of preparing the detailed plans, working drawing and the estimates, and the firm be paid for the work at the rate of 2% of the total cost of the building, subject to a minimum fee of Rs. 50,000/- and TA at the rate of Rs. 150/- per visit by the Architect /Civil Engineers.

(Pl.)

The meeting ended at 1.00 p. m.

University Buildings
Cochin University PO
Cochin 682 022
Dated: 22.6.1986.

Sd-/
REGISTRAR

APPENDIX I TO ITEM NO. 217.03

GOVERNMENT OF KERALA

Abstract

Public Services-Persons in service belonging to SC/ST-Temporary exemption from passing Special or Departmental tests.-Extension of period and clarification-Orders issued.

GENERAL ADMINISTRATION (SERVICES-D) DEPARTMENT

G. O. (P) No 141/86/GAD,

Dated, Trivandrum, 30th April, 1986

- Read: 1) G.O. (MS) No 22/PD dated 13-1-1972.
 (2) Government Circular No. 2501/Rules/73/PD dated 17-8-73.
 (3) G O. (P) No. 468/84/GAD dated 31-12-1984.

ORDER

The period of temporary exemption to employees belonging to Scheduled Castes and Scheduled Tribes from passing all tests (Unified, Special or Departmental tests) granted in G.O. read as first paper above and last extended as per G. O. third read above expired on 18-12-1985. Further extension of this exemption has been under the consideration of Government. They are now pleased to order that the Scheduled Caste/Scheduled Tribe employees who were in service as on 31-12-1985 will be exempted from passing tests (Unified, Special or Departmental) for a period upto 31-12-1987 and that this exemption will not be extended any further. Government also order that new entrants in service after 31-12-1985 will not be entitled to any test exemption.

In view of the judgement dated 13-4-1983 of the High Court of Kerala in O.P. No. 3555/80-F, the Government after consulting the Kerala Public Service Commission, also clarify that,-

- i) the exemption granted to Scheduled Caste/Scheduled Tribe employees is applicable to promotion tests as well probation tests with effect from 13-4-1983.
- ii) the exemption is applicable to all promotions ie. in selection as well as non-section categories.
- iii) the Scheduled Caste/Scheduled Tribe employees should be considered by the Departmental promotion Committee for selection posts even without they being approved probationers in the feeder category by virtue of the exemption and
- iv) the Scheduled Caste/Scheduled Tribe employees promoted to higher posts by virtue of the exemption are entitled to regularisation after passing the tests from the date of their provisional promotion or the date on which they satisfactorily complete the minimum period of duty required/under the rules for completion of probation, whichever is later.

The Circular read as second paper is cancelled with effect from 13-4-1983.

By order of the Governor,
 C. RAMACHANDRAN,
 Secretary to Government.

To
 The Registrar, University of Cochin, Cochin (with CL)

APPENDIX II TO ITEM NO. 217.20

Missing of library book in the departmental libraries

Acc. No.	Author	Title	Cost
1	2	3	4
A. DEPARTMENT OF HINDI			
1. 14610	Sasibhusan Sinhal	Hindi Upanyas Ki Pravurthiyan	Rs. 20/-
2. 11524	Dhananjay	Hindi Ki Ithihasik Natakam me Ithihas Tatwa	Rs. 25/-
3. 14709	Sasibhusan 'Seethamsu'	Nai Kahani Ke Vividh Prayog	Rs. 25/-
4. 16763	Vrajmohan Sharma	Dharmaveer Bharati : Kanupriya tatha Anya Kruthiyan	Rs. 20/-
5. 16610	Indrenath Madan	Hindi Natak aur Rangamanch	Rs. 24/-
6. 16536	Suresh Dheegda	Hindi Kahani Do Dasak	Rs. 25/-
7. 16392	Lal Chandra Gupta	Astitvawaad aur Nai Kahani	Rs. 35/-
8. 13018	Jayadev Taneja	Samasamayik Hindi Natakam Me Charitra Srushti	Rs. 20/-

1	2	3	4
9. 11956	Rajkumar Kohli	Paschtya Kavya-Sastra: Sidhant aur Vad	Rs. 25/-
10. 10784	Ramkant Sharma	Chaya Vadothar Hindi Kavitha	Rs. 25/-
11. 8227	Sushama Narayan	Bharateeya Rashtravad Ke Vikas Ki Hindi Sahitya me Abhivyakti	Rs. 20/-
12. 15048	Satya Dev Chandhari and Gupta	Bharateey tatha Paschatya Kavya-Sastra Ka Sanskshipt Vivechan	Rs. 20/-
13. 15545	Dwarika Prasad Saksena	Kamayani Bhashya	Rs. 20/-
14. 12415	Manjulatha Singh	Hindi Upanyasom me Madhya Varg	Rs. 30/-
15. 6879	Publisher Asia Publishing House, Bombay	Foreign influence in ancient India	Rs. 25/-
16. 12971	Helson and Bevan	Contemporary approach to psychology	Rs. 22/-
			<u>Rs. 381/-</u>
B. DEPARTMENT OF SHIP TECHNOLOGY			
1. 181	Hagerty W. W.	Engineering Mechanics	Rs. 19.50

1	2	3	4
2.	185 Uppal S. L.	Text book of Electrical Engg. Vol. I	Rs. 13.50
3.	202 Ward, Robert. P.	Introduction to Electrical Engg.	Rs. 17 00
4.	244 Housner	Applied Mechanics vol. II Dynamics	Rs. 10.50
5.	511 Richter	Practical Electrical Wiring	Rs. 51.76
6.	590 Squires	Beginners Guide to Electronics	Rs 60 04
7.	772 Beijlal	Electricity and Magnetism	Rs 25 00
8.	812 Glauert	Principles of Dynamics	Rs. 15.00
9.	994 Rollason	Metallurgy for Engineers	Rs. 30.02
10.	1008 Verney	Boat Repairs and Conversion	Rs. 118 50
11.	1212 Shaw, Berbard	Arms and the man	Rs. 4.00
12.	1340 Steffano Joseph	Theory and Problems of feedback and control systems	Rs. 43.10
13	1382 Dept. of Report Standing Committee	Carriage of dangerous goods in ships Amendment No. 2	Rs. 1.58

1	2	3	4
14.	1407 Semyonov	Statics and Dynamics of the Ship	Rs. 7 50
15.	1411 Myskis	Advanced Mathematics for Engineers	Rs 19 00
16.	1432 Sokolnikoff	Mathematics for Physics and Modern Engg	Rs. 65 25
17.	1472 —	Supplement to international conference on safety of life at-Sea Convention 1974	Rs. 3 50
18.	1480 Rudorff	Modern Marine Engineering	Rs. 15 00
19.	1545 Morton	Steam Engg. Knowledge for Marine Engineers Vol. 9	Rs. 154 84
20.	1622 Hannan T.E.	Strategy of Propeller Design	Rs. 48 96
21.	1747 Muckle	Strength of Ship Structure	Rs. 122 45
22.	2157 Zadeh	Systems Theory	Rs. 27 00
23.	2411 Gieck	Engineering formulas	Rs. 86 56

1	2	3	4
24. 2800	Khabaza	Numerical Analysis	Rs. 139 20
25. 3074	Petrack paul J.	Fiber Glass Airs	Rs. 76 80
26. 3842	—	Code for local Ship Board Structure and Machinery Vibration Measurement	Rs. 58 72
27. 3098	Schull John. F.	Ship Wiring	Rs. 34 00
28. 3976	Comstock	Principles of Naval Architecture	Rs. 369 00 Rs. 1638 08

C. DEPARTMENT OF PHYSICS

1. 241	Stuart	Introduction to Fourier Analysis	\$ 13/6
2. 2435	Schiff	Quantum Mechanics	Rs. 22 75
3. 3495	P S.N S. Project Staff	An approach to Physical Sciences	\$ 10/95
4. 4212	Raimes	Many Electron Theory	FI-65
5. 6770	Figgis	Introduction to Ligand Fields	Rs. 28 00
6. S.I.26	Gamow	Gravity	Rs. 1 25

APPENDIX III TO ITEM NO. 217.27

GOVERNMENT OF KERALA

Abstract

Allowance-Dearness Allowance to the State Pensioners-
Revision of-Orders issued.

FINANCE (PRU) DEPARTMENT

G. O. (P) No. 318/86/Fin.

Dated, Trivandrum, 23rd April, 1986

Read: 1) G.O. (P) No. 456/79/(41)/Fin dated 5-5-1979

(2) G.O. (P) No. 195/86/Fin dated 3 3-86

ORDER

Government are pleased to grant two more instalments of Dearness Allowance, with effect from 1-8-1985 and 1-11-1985 to the State Service Pensioners at the rate of 2½% of pension to compensate for the rise in the cost of living. The increase in Dearness Allowance now allowed will be applicable to family pensioners and such other pensioners to whom the orders in the Government Order read as first paper above were extended.

2. With the grant of these instalments, the entitlement in respect of the following categories of pensioners, will be at the rates indicated below:-

(i) The rates of Dearness Allowance to those pensioners whose pension relates to the pre-revised pay, will be at the revised rates of 100% of pension subject

to a minimum of Rs. 100 and a maximum of Rs. 500 with effect from 1-8-1985 and 102½% of pension subject to a minimum of Rs. 103 and a maximum of Rs. 513 with effect from 1-11-1985.

(ii) The rates of Dearness Allowance to those pensioners whose pension relates to the revised pay, will be at the revised rates of 32½% of pension subject to a minimum of Rs. 33 and a maximum of Rs. 163 with effect from 1-8-1985 and 35% of pension subject to a minimum of Rs. 35 and a maximum of Rs. 175 with effect from 1-11-1985.

3. Minimum pension (inclusive of Dearness Allowance) and the minimum family pension (inclusive of Dearness Allowance), in respect of both the categories mentioned above, will also be revised with effect from 1-8-1985 and 1-11-1985, as shown below:-

	<u>Revised rate per mensem from</u>	
	1-8-1985	1-11-1985
	Rs.	Rs.
Minimum pension (inclusive of Dearness Allowance)	197	200
Minimum family pension (inclusive of Dearness Allowance)	172	175

4. Ready reckoners showing the revised rates of Dearness Allowance admissible to different stages of basic pension/family pension (other than minimum pension and minimum family pension), applicable to the category

ries of pensioners mentioned in para 2 above are given as Annexures I and II to this order.

By order of the Governor,
P. K. KRISHNANKUTTY NAIR,
Additional Secretary

To

The Registrar, University of Kerala/Cochin/Calicut
(with GL)

APPENDIX IV TO ITEM NO. 2172.29

GOVERNMENT OF KERALA

Abstract

Medical benefits to the Kerala Government servants-
Recommendation of the IV Kerala Pay Commission-Implementation of Orders issued.

HEALTH AND FAMILY WELFARE (G) DEPARTMENT

G O (P) No. 12/86/H & FWD. Dated, Trivandrum,
23rd Jan. 1986

Read:- (1) G O. (P) No. 515/85/Fin. dated 16-9-1985.

ORDER

The IV Kerala Pay Commission while reviewing the provisions of the Kerala Government Servant Medical Attendance Rules 1960, has made certain recommendations on the medical benefits to the state Government Employees which were accepted by Government as per the G. O. read above. On the analogy of above references, Government are pleased to issue the following orders.

1. Rule 9 (3) of the Kerala Government Servant Medical Attendance Rules 1960 stipulates that the medical reimbursement claims preferred by the Government Servants shall be accompanied by vouchers and an Essentiality Certificate signed by the Medical Officer who prescribes the Medicine concerned and countersigned by the Authorised Medical Attendant. Hereafter the Essentiality Certificate accompanying the Medical reimbursement claims preferred by Government Servants need be signed by the Authorised Medical Attendant only.

2. At present, the cost of Medicine which were not in stock in hospitals (or not stocked in the hospitals for supply to the Government Servants) could be reimbursed and the form of Essentiality Certificate as revised as per G. O. (P) No. 287/80/HD dated 1-11-1980 contains a certificate to that effect. In G.O. (P) No. 237/83/HD dated 12-9-1983 it was further clarified that the cost of medicines purchased by Government Servants will not be reimbursed if those Medicines or medicine of equal therapeutic value which are available in the Government Medical Institutions where the Government Servants underwent treatment and that the Superintendent/ Medical Officer of the Institutions should give a certificate in the Essentiality Certificate.

Hereafter the Essentiality Certificate by the Medical Officers about the non stocking of medicines for supply to Government Servants is not necessary, but it will be subject to the limitations that the cost of admissible items of medicine alone is reimbursable. The redesigned form of Essentiality Certificate is appended to this order.

3. As per Rule 2R (f) of the Kerala Government Servants Medical Attendance Rules 1960, 'Spectacle' is not a reimbursable item. But this rule is relaxed to the extent that the cost of spectacle purchased by Government Servants for their own use; subject to a maximum of Rs 100 (Rupees hundred only) will be reimbursed. The claims should be supported by the Bills showing the cost of spectacles purchased and Essentiality Certificate issued by the Authorised Medical Attendant. This benefit will be limited to the Government Servants only once during the entire period of their service and a certificate to that effect will be recorded in the Service Book of the concerned Government employee by the respective controlling Officers.

4. The charges incurred by the Government Servants for Ambulance Service will/be reimbursed. Necessary provision to that effect will/be made in the reimbursable items.

5. Orders on extending the Kerala Government Servant Medical Attendance Rules to the employees of the private colleges will be issued separately.

6. This order will take effect from 16-9-1985. Formal amendment to the Kerala Government Servant Medical Attendance Rules will be proposed by the Director of Health Services.

By Order of the Governor,
V. K. KRISHNAMURTHY,
Secretary to Government

To

The Registrar, University of Kerala, Cochin, Calicut and
Gandhiji University, Kottayam (with (CL))

FORM OF ESSENTIALITY CERTIFICATE

I certify that Shri/Smt
employed in the

.....
has been under treatment at this hospital/dispensary or
at his/her residence for the period from
to and that the undermentioned medicines
prescribed by me in this connection were essential for
the recovery/prevention of serious deterioration in the
condition of the patient. They do not include proprie-
tary preparations for which cheaper substance of equal
therapeutic value are available, nor preparations which
are primary foods tonics toilet preparations or disinfectants.

It is certified that the case did not require hospi-
talisation but is one of prolonged nature requiring medical
attendance at the out-patient department spreading over
a period of more than 10 days.

The patient was/has been suffering from

..... (Name of disease).

Trade/brand name of medicine	Chemical/ Pharmacological name of medicine	Description	Price Rs.
------------------------------------	--	-------------	--------------

Date: _____

Name and designation of
the Authorised Medical
Attendant.
Name of Institution .

(Office Seal)