



COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY

Minutes of the Meeting of the Syndicate held on

5th July, 2nd August and 6th September 1986

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

**Minutes of the 218th meeting of the Syndicate
held on July 5, 1986.**

Members present:

- 1 Dr. K. Gopalan
Vice-Chancellor (in the Chair)**
- 2 Prof. C. A. Abdussalam
Pro-Vice- Chancellor**
- 3 Dr. K. Alagarsamy**
- 4 Shri. Ishaque Kurikkal**
- 5 Shri. Joseph Puthussery**
- 6. Prof. Joseph Skariah**
- 7. Shri. G. K. Pillai**
- 8. Prof. R Pratap**
- 9. Dr. T. S. Ramanatha Iyer**
- 10 Dr. N. Raman Nair**
- 11. Dr. C. S. Sridhar**
- 12. Dr. N. Ravindranatha Menon**
- 13. Shri P. P. Thankachan**
- 14. Shri Thiruvanchoor Radhakrishnan**

Dr. N. Balakrishnan Nair, Shri M. S. K. Ramaswami and Shri. S. Varadachari intimated their inability to attend the meeting.

Item No. 218.01 : Confirmation of the Minutes of the meeting of the Syndicate held on 7 6. 1986.

Resolved that the minutes of the 217th meeting of the Syndicate held on 7-6-1986 be confirmed.

Item No. 218.02 : Report of the Vice-Chancellor on important developments in the University since the last meeting

1. The Chairman of the Science Advisory Council to the Prime Minister Prof. C. N. R. Rao will deliver this year's Indira Gandhi Memorial Lecture instituted by the University. Prof. Rao is at present the Director of the Indian Institute of Science at Bangalore and also the President of the Indian National Science Academy. He has been requested to deliver the lecture on October 31, 1986.

2. The National Symposium on Quantum Electronics will be hosted by the University during December 22-25, 1986. About 250 laser experts from all over India and abroad are expected to participate in this prestigious symposium, which is being sponsored by the Department of Atomic Energy, Government of India

3. The School of Technology of this University has been selected as Reference Centre by the Asian Information Centre for Geotechnical Engineering (AGE) of the Asian Institute of Technology, Bangkok

The Asian Information Centre collects, repacks and disseminates information on Soil Mechanics, Rock Mechanics,

Foundation Engineering, Engineering Geology and other related fields through publications and reference services. Its main objective is to collect world-wide information on Geotechnical Engineering subjects with special emphasis on Asian Countries.

The Asian Information Centre will help the University to organise the AGE basic library at the School of Technology free of cost. The first consignment will consist of volumes of AGE Digest, Conference Proceedings of South-East-Asian Geotechnical Society, AGE News, AGE Current Awareness Services and AGE Refdex.

4 The University Grants Commission has approved the conduct of an All India Short-term Institute in Polymer Science/Technology in this University. The Institute will be organised by the Department of polymer Science and Rubber Technology.

5 Two more research projects submitted by this University have been approved by the State Committee on Science, Technology and Environment. The projects are:

- "Preparation and characterisation of good quality hydrogenated silicon" under the investigatorship of Dr K. Sathianandan of the Department of Physics. The amount sanctioned is Rs. 75,000/- for three years.
- "Characterisation and application of fast protonic conductors" under the investigatorship of Dr. C. P. Girijavallabhan. The amount sanctioned is Rs. 50,000/- for two years.

6. Dr. P. J. George has retired from the post of Director of Technical Education on 30-6-1986. As member of the Syndicate, as Dean of the Faculty of Engineering and

In several other capacities Dr. George has done yeoman service for the development and progress of this University. We should place on record our gratitude and thankfulness to Dr. George for the services rendered by him for the progress of this University.

The Syndicate approved the proposal.

In view of the increase in its membership from 15 to 17 the Syndicate resolved to have four Standing Committees instead of the present three with members as indicated below:

ACADEMIC MATTERS

1. Dr. N. Raman Nair (Convener)
2. Pro-Vice-Chancellor
3. Dr. R. Pratab
4. Dr. C. S. Sridhar
5. Prof. Joseph Skariah
6. Dr. N. Balakrishnan Nair

FINANCE & PURCHASE

1. Shri Thiruvanchoor Radhakrishnan (Convener)
2. Dr. C. S. Sridhar
3. Dr. R. Pratab
4. Dr. N. Ravindranatha Menon
5. Shri S. Varadachari
6. Shri M. S. K. Ramaswami

WORKS

1. Dr. C. S. Sridhar (Convener)
2. Pro-Vice-Chancellor

3. Dr. N. Balakrishnan Nair
4. Dr. T. S. Ramanatha Iyer
5. Dr. Alagarswamy
6. Shri S. Varadachari
7. Shri P. P. Thankachan

STAFF & ESTABLISHMENT

1. Shri G. K. Pillai (Convener)
2. Pro-Vice-Chancellor
3. Dr. N. Ravindranatha Menon
4. Shri Ishaque Kurikkal
5. Shri Joseph Puthussery
6. Prof. Joseph Skariah
7. Dr. R. Pratab

Item No. 218.03 : Recognition of vocational Higher Secondary Education (10+2) pattern for the purpose of admission to University Courses-reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for recognizing the Vocational Higher Secondary Examination (10+2) conducted by the Directorate of Technical Education, Govt. of Kerala, as equivalent to the pre-degree examination of the Universities in Kerala, for the purpose of admission to the B. Tech. degree course in Naval Architecture and Ship Building of the University.

Resolved that students who have passed the Vocational Higher Secondary Examination (10+2 pattern) conducted by the Directorate of Technical Education, Govt. of Kerala be declared eligible for admission to the B. Tech degree

course in Naval Architecture and Ship Building of this University.

(Ac.A)

Item No. 218.04 : Recognition as Supervising guides-applications - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters the several requests for recognition as supervising guides under the various faculties of the University.

Resolved that the following persons be granted recognition as supervising guides for research under the faculties of the University indicated.

Name & Address	Faculty
1. Dr. R. Venugopal Varma Scientist Entomology Division Kerala Forest Research Institute Peechi.	Environmental Studies
2. Dr. K. S. Sadasivan Scientist-in-charge Entomology Division KFRI, Peechi	—do—
3. Dr. Jyothikumar Sharma Scientist-in-charge Division of Plant Pathology KFRI, Peechi.	—do—
4. Dr. A. Geethanand Ponniah Scientist-S2 CMFRI, Cochin 682031	Marine Sciences

(Ac. B)

Item No. 218.05 : The Project "Study of Phase transition on Solids using diffraction of light by Ultrasonic Waves" submitted by Dr. Jacob Philip, Reader, Department of Physics, - Implementation -reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for implementing in the University the research project "Study of phase transition on solids using diffraction of light by ultrasonic waves," sanctioned by the Department of science and Technology, Government of India, under the principal investigatorship of Dr. Jacob Phillip, Reader, Department of Physics.

Resolved that the two year DST project "Study of phase transition on solids using diffraction of light by ultrasonic waves", under the principal investigatorship of Dr. Jacob Philip be implemented in the University with the grant of Rs. 95,000 sanctioned for the purpose.

(PLA)

Item No. 218.06 : Change of topic of research - K. N Pushpakumari Department of Applied Chemistry - consideration of.

The Syndicate considered along with the recommendation of the Standing Committee on Academic Matters, the proposal for approving the title of the dissertation being prepared by Smt. K. N. Pushpakumari, research student working in the Department of Applied Chemistry under the supervision of Dr. Paul A. Vatakencherry.

Resolved that the title of the thesis being prepared by Smt. K. N. Pushpakumari be approved as "Studies on Lemon Grass oil".

(Ac.B)

Item No. 218.07 : Registration for research - application - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request of Shri K. S. Purushan, Associate Professor, Kerala Agricultural University, Fisheries Station, Puduveypu, for registration as a part-time research student under the Faculty of Marine Sciences.

Resolved that Shri K. S. Purushan be granted registration for the Ph D degree of this university as a part-time research student in the Marine products Export Development Authority on the topic "Studies on improved practices of prawn farming for higher production in central Kerala" (title of the thesis is also the same) under the supervision of Dr. M. Sakthivel Joint Director, MPEDA, Cochin -16, under the Faculty of Marine Sciences.

(Ac B)

Item No. 218.08 : Registration for research for Ph D. degree - application of T. S. Anirudhan - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request of Shri T. S. Anirudhan, Thayyathe, House, Kadarnakudy, Pizhala P O, Cochin-27, for registration for research for the Ph. D. degree of this University, under the Faculty of Marine Sciences.

Resolved that Shri T. S. Anirudhan be granted full-time registration for research leading to the Ph. D. degree of this University, in the School of Marine Sciences, on the topic: "Studies on the Chemistry of Vembanad Lake," under the supervision of Dr. P. N. Krishnan Nambisan.

(Ac.B)

Item No. 218.09 : Ph. D. thesis entitled, "Petrochemistry related Mineralization and genesis of the Ambalavayal Granite and Associated Pegmatites, Wynad District, Kerala," submitted by Shri M. Santhosh - 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 examination in respect of the Ph D. thesis : PETROCHEMISTRY, RELATED MINERALIZATION AND GENESIS OF THE AMBALAVAYAL GRANITE AND ASSOCIATED PEGMATITES, WYNAD DISTRICT, KERALA, submitted by Shri M. Santhosh, part-time research student, who worked in the Centre for Earth Science Studies, Trivandrum, under the guidance of the late Dr. N. G. K. Nair, CESS, Trivandrum.

Resolved that Shri M. Santhosh be declared eligible, for the award of the degree of Doctor of Philosophy/under the Faculty of Marine Sciences for the Ph. D. thesis PETROCHEMISTRY, RELATED MINERALISATION AND GENESIS OF THE AMBALAVAYAL GRANITE AND ASSOCIATED PEGMATITES, WYNAD DISTRICT, KERALA, submitted by him.

(Ex. A)

Item No. 218.10 : Installation of Telex facility in the University - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for installing a Telex system in the University office.

Resolved that a Telex system be installed in the University's Administrative office at an annual recurring cost of approximately Rs 8500/- and an initial non-recurring cost of approximately Rs. Rs. 10,525/-

(GA & EI.)

Item No. 218.11 & 12 : Medical re-imbursement to university employees-reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for reimbursing several University employees the expenses incurred by them owing to medical treatment undertaken in hospitals recognized for the purpose.

Resolved that the following employees be sanctioned medical reimbursement as indicated.

- | | |
|--------------------------------------------------------------|--------------|
| 1. Smt. Mehrunisa
Asst. Grade I
University office | — Rs. 1105/- |
| 2. Smt. P. Usha Kumari
Asst. Grade I
University office | — Rs. 633.80 |

3. Shri. V. G. Raman
Section Officer
University office

— Rs. 529.40

(Ad. B)

Item No. 218.13 : Purchase of Dye Scan Laser-Frequency Doublor, Dye Kit etc. for the Department of physics.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal of the Head of the Department of Physics, for procuring a Dye Scan Laser a Frequency Doubler, and a Dye Kit at an approximate cost of Rs 3,95,000 (\$ 30,616) from M/s. EG and G. Princeton Applied Research Corporation, Princeton, New Jersey, USA, with permission to open a letter of credit in favour of the firm.

Resolved that the following items of equipment be procured from M/s. EG and G. Princeton Applied Research Corporation, Princeton NJ, USA, for the Department of Physics, under the new plan scheme modernization of laboratories, and that an irrevocable letter of credit be opened in favour of the above firm for US \$ 30616/-

Items of equipment

Particulars	No.	US \$
1. Model No. 2100 Dye Scan Tunable Dye Laser- including KO 148 ACC Kit	1	22,340
2. Model No. 2100/97 Frequency Doubler	1	5,235

3. Model No. K0161 Standard
Dye Kit (5 dyes)

2	220
F.O. B	<u>27,795</u>

Estimated Insurance and Freight charges	2,821
Total C. I. F. Cochin	<u>30,616</u>

Rs. 3,95,000 (approx.)

(PLA)

Item No. 218 14 : Works - Construction of an extension to women's Hostel to provide accommodation to 30 Women Employees - Teaching and Non-teaching - Plan & Estimate-consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the plan and the detailed estimate submitted by the University Engineer for the construction of an extension to the Women's hostel.

Resolved that plan and the detailed estimate of Rs. 2,17,000 for the work of construction of an extension to the Women's hostel be approved.

(PI;)

Item No. 218.15 : Furnishing of rooms in the new hostel for men students (Hostel No. V) - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for furnishing the remaining 66 double seated

rooms of Hostel No. V nearing completion, with furniture of the specifications offered by Forest Industries (Travancore) Ltd., Alwaye.

Resolved that the remaining 66 double seated rooms of Hostel No. V be furnished with the following items of furniture at the rate of Rs. 4,000/- per room (including loading and unloading charges @ Rs. 600/- per truck load, and that the furniture be ordered from M/s. Forest Industries (Travancore) Ltd., Alwaye.

Items of furniture per room

- i) Painted hardwood cot with shelf - 2
- (ii) Hardwood chairs with mica finish sheet - 2
- (iii) Writing table of size 100 x 60 cms, with laminated top and a small drawer (fixing type) fixed on the wall (without legs) -2

(PI.)

Item No. 218.16 : Sale of University Van KLF 9615 without engine - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for disposing of University Van KLF 9615 without engine at the highest quoted amount of Rs. 2560/- including ST & AST.

Resolved that the University van KLF 9615 without engine be sold to the highest tenderer at Rs. 2560/- including ST & AST.

(GI. Services)

Item No. 218.17 : House Building Advance for 1986-87 Norms - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, prescribing norms for the allocation of available funds for disbursement as House Building Advance.

Resolved :

- (i) The House Building Advance be regulated as per G. O. (P) No. 404/86/Fin. dated 3.6.1986.
- (ii) The apportionment of available funds among the various categories be :

a. SC/ST	— 10%
b. Class IV	— 20%
c. Others	— 70%
- (iii) The disbursement of advance be made in two instalments linked to actual utilization in stages: completion of foundation and basement; and plinth level.
- (iv) Lumpsum repayment of HBA, if any, during the year be added to the existing provision under House Building Advance.

(Ad. A)

Item No. 218.18 : Notification of vacant teaching posts- consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters and

Staff & Establishment, the proposal for notifying the vacant teaching posts in the various departments/ schools of study and research under the University.

The Syndicate noted that the additional annual financial commitment to the University involved in the filling of all the vacant posts, calculated at the minimum of the scales of pay of the posts concerned, would be of the order of Rs. 10/- lakhs which cannot be accommodated within the present pattern of non-Plan grant of the Government and that assistance from the UGC would be available only in respect of a small number of posts. Therefore, taking into account the financial constraints and the essential requirements of the departments in terms of the courses they now offer and their current research commitments, the Syndicate resolved that the vacant posts as in Appendix I alone be notified, along with the posts of Professor (1) and Lecturer (1) sanctioned by the UGC for starting the post-graduate course in Radar and Micro-wave Electronics under the Department of Electronics.

(Ad. A)

Item No. 218.19 : Panels of paper setters/ examiners approved reporting of.

The Syndicate noted that the Vice-Chancellor had approved the panels of examiners and paper setters for various examinations under the University in May-June 1986 with a view to expediting action on the conduct of University examinations.

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

(Ex. A)

Item No. 218.20 : Enhancement of rent of building in Vidyanagar Colony taken out for stay of GDR Professors - reporting of.

The Syndicate noted the action of the Vice-Chancellor in having, on the recommendation of the University Engineer, enhanced from Rs. 800/- per month to Rs. 900/- p. m. the rent of building No. 20 in Vidyanagar colony, Cochin-22, the University had been utilizing for the residence of visiting professors from GDR, and retaining the building under the control of the University for a further period of six months w. e. f. February 3, 1986.

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

(PLA)

Item No. 218.21 : Cancellation of registration for research of Sheela Joseph, UJRF-reporting of.

The Syndicate considered the action of the Vice-Chancellor in having cancelled the registration for Ph.D. of Smt. Sheela Joseph, full-time research student, School of Management Studies, for unauthorised absence and discontinuance of work over a period of 10 months and ordered the refund of the University Junior Research Fellowship she had been awarded.

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

(Ac.B)

Item No. 218.22 : Setting up of High Resolution Dye Laser Spectroscopy facility - purchase of equipments - action taken by the Vice Chancellor - reporting of.

The Syndicate considered the action of the Vice-Chancellor in having sanctioned the purchase of various items of equipment at an approximate cost of \$ 17066/50 for the Department of Physics for setting up the Dye Laser Spectroscopy facility sanctioned by the Department of Science and Technology, Government of India.

Resolved that the action of the Vice-Chancellor vide U.O. No. PLA6/2877/85 dated 19.6.1986. be ratified.

(PLA)

Item No. 218.23 : B K Thankamoni Amma, U. D. Typist/Steno - extension of leave-request-consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request of Smt. B. K. Thankamoni Amma, U. D. Typist of the School of Management Studies, for leave without allowances for a period of 2 years w.e.f. 19.8.1986 in continuation of leave granted to her earlier for taking up appointment at the Institute of Management in Government, Trivandrum.

Resolved that Smt B. K. Thankamoni Amma be not granted any extension of leave beyond 18.8.1986.

(Ad.AO)

- Item No. 218.24 : **Project - "Characterization of Ferro-electric liquid crystals for dynamic display." - implementation of**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for implementing the Rs. 25,000 project - "Characterization of Ferro Electric Liquid Crystals for Dynamic Display," sanctioned by the Kerala State Committee on Science, Technology and Environment.

Resolved that the project be implemented in the Department of Electronics of the University under the principal investigatorship of Dr K. G. Balakrishnan, Reader as per the terms and conditions attached to the project.

(Pl.)

- Item No. 218.25 : **Project - Bench scale Studies on the production of phenolic Resin foam from cashewnut shell oil-implementation - reg.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for implementing the Rs. 20,000/-project - Bench scale studies on the production of phenolic Resin Foam from cashewnut shell oil - sanctioned by the Kerala State Committee on Science, Technology and Environment.

Resolved that the project be implemented in the Department of Applied Chemistry of the University under the principal investigatorship of Shri Eby Thomas Thachil,

(Pl.)

- Item No 218.26 : a) **Subject-wise allocation of the 16 UGC research fellowships sanctioned on "any one given time basis" -**
- b) **University post Doctoral Research Fellowships - Norms for selection of candidates and award of fellowship -**

The Syndicate considered the recommendations of the Standing committee on Academic Matters on the subjectwise allocation of the sixteen research fellowships sanctioned by the UGC on "any one given time basis," and on the norms to be prescribed for the selection and award of University Post-doctoral Research Fellowships

Resolved :

- (i) The 16 UGC research fellowships sanctioned on 'any one given time basis' be allocated among the various departments of the University as follows:

Electronics - 1

Polymer Science &

Rubber Technology - 1

Management Studies - 1

Applied Chemistry - 1

Applied Economics - 1

Industrial Fisheries - 1

Marine Sciences - 2

Mathematics & Statistics - 1

Physics - 1

Environmental Studies - 1

Computer Science - 1

Law	- 1
Hindi	- 2
Total	- 15

The remaining one fellowship be earmarked for candidates belonging to SC/ST communities for allotment irrespective of departments, depending on the availability of a candidate with UGC test qualification.

ii) The norms for the selection and award of post-doctoral research fellowships as in Appendix II be adopted and issued as an Ordinance, subject to consideration by the Academic Council.

(Ac)

Item No. 218.27 : Advance for the purchase of Motor Conveyances and Cycle-Pay limit prescribed for eligibility for the advance-enhanced - G.O. implementation in the University-reg.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment, and Finance & Works the proposal for adopting for Implementation in the University G.O. (P) No. 329/86/ Fin. dated 2nd May 1986 prescribing the eligibility limits for claiming motor car/bicycle/scooter advances

Resolved that G.O. (P) No. 329/86/Fin. dated 2nd May 1986 be implemented in the University, subject to the decision of the Syndicate dated 7.6.1986 vide Item No. 217.25.

(Ad.A)

Item No 218.28 : Delegation of powers to the Vice-Chancellor-consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment and Finance & Works, the proposal for delegating to the Vice-Chancellor certain administrative and financial powers for the expeditious dispatch of official business.

Resolved that the powers listed in Appendix III be delegated. to the Vice-Chancellor.

(Ad. A)

Item No. 218.29 : Telephone to the Department of Computer Science under OYT scheme - sanctioned - reporting of.

The Syndicate considered the action of the Vice-Chancellor in having sanctioned for the Department of Computer Science, installation of a telephone under OYT scheme, in modification of the decision to install the telephone under the 'general category'.

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

(GA & El.)

Item No. 218.30 : Permanent absorption of Government employees in Public Sector Undertaking/ Autonomous Bodies after voluntary retirement from Government - Government Order - adoption for implementation.

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 397/86/Fin. dated 2.6.1986 regulating the emoluments of re-employed pensioners.

Resolved that G. O. (P) No. 397/ 86/Fin. dated 2nd June 1986 as in **Appendix IV** be adopted for implementation in the University.

(Ad.A)

Item No. 218.31 : Pay revision 1983 - time-bound grade promotion - clarification - G. O. issued - adoption of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment and Finance & Works, the proposal for adopting for implementation in the University of G. O. (P) No. 373/86(59)/ Fin. dated 23.5.1986 clarifying the intent of the time bound grade promotion ordered as part of the general pay revision - 1983.

Resolved that G. O. (P) No. 373/86/ (59) - Fin. date 23.5.1986 as in **Appendix V** be adopted for implementation in the University.

(Ad.A)

Item No. 218.32 : Educational concessions to Students under Kumara pillai Commission Report - Reservation of seats in educational Institutions and monetary concessions - continuance of the benefits - Adoption of G. O. - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for adopting for implementation in the University, G. O. (P) No. 149/86/H. Edn. dated 10-6-1986 stipulating that the existing reservation facilities of seats in educational institutions and monetary concessions under the Kumara Pillai Commission Report will be continued until decisions are taken on the report of the Narayana Pillai Commission appointed by the Government to review the existing system of reservation principles and the grant of monetary concessions in educational institutions under Kumara Pillai Commission Report.

Resolved that G. O. [P] No. 149/86/H. Edn. dated 10-6-1986 be adopted for implementation in the University

[Ac.]

Item No. 218.33 : Registration for research for Ph.D. degree - Smt. A. G. Kunjomana - Application - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic matters, the request of Smt. A.G. Kunjomana for grant of registration for full-time research leading to the Ph.D. degree of the University.

Resolved that Smt. A. G. Kunjomana be granted full-time registration for Ph. D. on the topic Crystalline Growth in the Department of Physics under the supervision of Dr. Elizabeth Mathai.

[Ac.B]

Item No. 218.34 : Works - providing water supply and sanitary fittings in the Visiting Faculty Complex - detailed estimate - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance and Works, the detailed estimate of Rs. 61,000/- for providing water supply and sanitary fittings to the visiting Faculty Complex submitted by the University Engineer.

Resolved that the detailed estimate of Rs. 61,000/- for the work of providing water supply and sanitary fittings to the Visiting Faculty Complex be approved and that the work be put to tender.

[PLA]

Item No. 218.35 : Works - construction of an extension to the University Guest House - Plan and detailed estimate - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance and Works, the plan and the detailed estimate submitted by the University Engineer for the construction of an extension to the University Guest House at an estimated cost of Rs. lakhs.

Resolved that the plan and the detailed estimate of Rs-2 lakhs for the work of constructing an extension to the University Guest House be approved.

(PI)

Item No. 218.36 : Allowance - Dearness Allowance - revision of - adoption of G.O - consideration 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) No. 444/86Fin. dated 24.6.1986 revising the rates of D. A. applicable to all categories of employees.

Resolved that G.O. (P) No. 444/86/Fin. dated 24.6.1986 as in Appendix VI be implemented in the University.

(Ad A)

Item No. 218.37 : Extension of term of appointment to Sri. Ajit Gangadharan and Sri. K. R. Hareendra Varma, Lecturers, Department of Ship Technology - action of the Vice-Chancellor - ratification of.

The Syndicate considered the action of the Vice-Chancellor in having re-appointed Shri Ajit Gangadharan and Shri. K. R. Hareendra Varma as Lecturers in the Department of Ship Technology on an ad hoc basis for six months w.e.f. 16.6. 1986 and 21.6.1986 respectively taking into account the immediate requirements of the Department.

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

(Ad.A)

Item No. 218.38 : Introduction of Specialization in Radar and Microwave Electronics-creation of a post of Professor and a post of Lecturer - reg.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment and Academic Matters, the proposal for starting in the Department of Electronics of the University, a post-graduate course in Radar and Micro-wave Electronics, for which the UGC has sanctioned one post of Professor and one post of Lecturer, besides assistance for engaging supporting staff.

Resolved:

- i) Radar and Microwave Electronics be offered as a new specialization for the M. Tech Degree Course in Electronics and communication systems of the Department of Electronics.
- ii) The posts of Professor (1) and Lecturer, (1) be created and proposals for the institution of the posts be placed before the Academic Council.

(Ad.A)

Item No 218.39 : School of Environmental Studies-admission to the post-graduate Diploma Course in Environmental Studies -reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters the question of starting the post-graduate diploma course in Environmental studies with the five applicants who have been found eligible for admission to the course.

Resolved that the course be conducted only if the School can run it with its existing staff.

(Ac. A)

Item No. 218.40 : Award of University Junior Research Fellowships - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for prescribing through Ordinance, the rules for the award of University Fellowships.

Resolved:

- (i) The Standing Committee on Academic Matters be requested to prepare a draft ordinance for the award of University scholarships and fellowships for submission to the Academic council
- (ii) Pending (i) above, the regular vacancies of University JR. fellowships that exist in the various departments be filled from the existing rank lists.

(Ac. B)

Item No. 218.41 : **New Plan Scheme**
"Establishment" of a centre
for Research in Microprocessor
Applications" - Purchase of
equipments-sanctioning of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal for the purchase of various items of equipment for the Centre for research in Micro-processor Applications of the Department of Electronics, utilising the sum of Rs. 10 lakhs sanctioned by the Ministry of Human Resource Development, Government of India.

Resolved that the following items of equipment be procured for the Department of Electronics at an approximate cost of U. S. \$ 64,394.03 and that the necessary letters of credit for importing the items be opened for the purpose.

Particulars	Qty.	Cost
1. HP 64000 Logic Development system with necessary support facilities	1 set	US \$50,014.03 (Approximately Rs. 6.52,180/-)
2. Intel Personal Development System-8-bit IPDS	1 set	US \$ 14,380.00 (Approximately Rs. 1,84,064/-)
Total		US\$ 64,394 03 (Approximately Rs. 8,36,244/-)

(PLA)

Item No. 218.42 : **New Plan Scheme "Strengthening of facilities in Instrumentation" in the Department of Electronics- Purchase of equipments-request for sanction-reg.**

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Works, the proposal of the Head of the Department of Electronics for procuring for the Department one set of Intel 16-Bit Stand alone Development system at an approximate cost of US \$48, 225/-, utilizing the funds sanctioned by the Government of India for strengthening the instrumentation facilities of the Department.

Resolved that the proposal of the Head of the Department of Electronics for procuring the Intel 16-Bit stand alone Development System at a cost of US \$48,225/- be approved and that necessary letters of credit be opened for the purpose.

[PLA]

The meeting terminated at 12:30 p.m.

University Buildings
 Cochin 682 022
 15-7-1986

Sd/-
 REGISTRAR

APPENDIX I TO ITEM NO. 218.18

Vacant teaching posts to be notified.

1. Dept of Computer Science.

Reader - 1

In one or more of the following areas

Computer Software Engineering Compilers - Operating Systems, data structure - database systems - business system design-computer networks -computer graphics-computer aided design.

Lecturer - 1

Lecturer - 1

Computer Hardware /Software
Computer Hardware /Software

2. Dept. of Electronics

Lecturer - 1

Electronics and Communication system.

3. Industrial Fisheries

Reader - 1

Fish processing.

4. Management studies

Lecturer - 2

Management Studies with appropriate specialization.

5. Marine Sciences

Professor - 1

Marine Bio-chemistry (persons with Bio-chemistry as qualification may also be considered) - VI Plan post.

Lecturer - 1

Micro - biology (Marine)

6. Mathematics & Statistics

Professor - 1

Applied Mathematics with specialization (Operations research/ Computer Science Bio-mechanics or Fluid Mechanics.)

Lecturer - 1

Applied Mathematics with specialization (Operations research/Stochastic processes/ Computer Science/ Geometry or Topology)

7. Physics

Reader 1

Industrial Physics

8. Polymer Science & Rubber Technology

Professor - 1

Reader - 1

Rubber Technology
Polymer Technology

} VII Plan post

9. Ship Technology

Professor - 1

Professor - 1

Reader - 1

Lecturer - 1

Lecturer - 1

Ship Motion and Manoeuvrability
Naval Architecture
strength of Ships and Practical Ship Building
Naval Architecture
Applied Thermoscience

10. School of Technology

Lecturer - 1

Civil Engineering

APPENDIX II TO ITEM No. 218.26

Norms for the selection and award of post-doctoral research fellowship.

1. Any person with a doctorate who desires to carry on post-doctoral research under any of the faculties of the University shall be required to apply to the Registrar for permission in the proforma appended together with an outline of the problem proposed for investigation.
2. The proposal shall then be referred to the concerned Head of the Department for assessment by a departmental Research Committee consisting of the Head of the Department and two teachers working in the general area of interest of the candidate.
3. If the Research Committee is satisfied that the proposal of the candidate is worthwhile and deserves support, the committee may recommend to the University the award of a post-doctoral fellowship to the candidate, subject to availability of any vacant fellowship under the faculty concerned.
4. The Vice-Chancellor may consider the recommendation of the Committee and, subject to reporting to the Syndicate, award the candidate a fellowship and permit him to carry on post-doctoral research.
5. No post-doctoral fellow shall join any department of the University for research except under an order of the University.
6. Once granted permission to do research, he shall execute a bond in the prescribed form embodying the conditions of award of the fellowship.

7. The fellow shall engage himself in full-time research and shall not accept during the tenure of the fellowship any other remunerative work without the permission of the University.
8. Throughout the period of his research, the fellow shall be under the disciplinary control of the Head of the Department.
9. The fellowship shall be tenable initially for one year and is renewable for a maximum of one more year on the basis of report of satisfactory progress of his work as certified by the aforesaid Research Committee.
10. The post-doctoral fellow shall submit half yearly reports on the progress of his work to the University, through the Head of the Department.
11. The fellow may deliver upto a maximum of 5 hours of lecture per week and render such assistance to the Department as may be required by the Head of the Department.
12. On termination of the fellowship or on completion of the tenure of the fellowship, the fellow shall submit to the University four copies of the report of the research work done by him together with copies of report of papers published, if any.
13. The fellow may seek relief from the University for good and sufficient reasons and the Vice-Chancellor shall be competent to relieve him.
14. The Syndicate may terminate the fellowship awarded at any time for such reasons as it may deem fit.

15. The fellow shall be exempt from payment of any charges or fees. The fellow shall, however, remit on joining research a refundable library caution deposit of Rs. 100/-
16. The fellow shall be eligible for 30 days, leave in a year in addition to public holidays.
17. The fellow shall be eligible for hostel accommodation subject to availability, without prejudice to the claims of the students of the University.

APPENDIX III TO ITEM No. 218.28

Powers of the Syndicate delegated to the Vice-Chancellor.

A. Administrative Powers

- 1) Disciplinary powers over students as provided for in statute 73 (xi) of the First Statutes, 1980
- 2) Declaration of probation of all employees.
- 3) Confirmation of employees subject to the general rules governing the same.

B. Financial Powers.

1. Works.

- a) to sanction all works, original or repairs the cost of vehicle does not exceed Rs. 50,000/- at a time, where the work is one included in a scheme approved by the Syndicate, and where funds have been provided for in the University budget.
- b) to accept tenders for works and tenders of quotations for supplies upto Rs.1 lakh where they are the lowest, and, in other cases upto Rs. 25,000/- and to dispense with tenders for works costing upto Rs. 15,000/- in case of urgency.
- c) to sanction advances for departmental purposes exceeding Rs. 500/- and upto a limit of Rs. 75,000/- against specific budget provision, where the concerned scheme has been sanctioned by the competent authority.
- d) to regularise excess expenditure over estimates due to excess in tender and upto 30% for other reasons such as escalation of costs etc. or Rs. 10,000/- whichever is higher.

2. Purchases.

The power to sanction purchases covered by the budgetary provision upto a sum of Rs. 50,000/- at a time, subject to observance of store purchase rules;

APPENDIX IV TO ITEM NO. 218.30

GOVERNMENT OF KERALA

Abstract

PERMANENT ABSORPTION OF GOVERNMENT EMPLOYEES IN PUBLIC SECTOR UNDERTAKING/ AUTONOMOUS BODIES AFTER SEEKING VOLUNTARY RETIREMENT FROM GOVERNMENT - TERMS AND CONDITIONS FIXED- ORDERS ISSUED.

FINANCE (PENSION-B) DEPARTMENT
G.O (P) No. 397/86/Fin. Dated, Trivandrum, 2nd June, 1986

Read:- D. O. No. 123/DIR/IMG/84 dated 24-10-1984 from Smt. Padma Ramachandran, Director, Institute of Management in Government.

ORDER

As per the existing Rules those who seek voluntary retirement/retirement on superannuation and get absorbed in the Institute of Management in Government and other Public Sector Undertakings, Autonomous Bodies etc, will be eligible for the pay drawn at the time of retirement minus pension and pension equivalent of gratuity. In the letter read above the Director, Institute of Management in government has informed that experienced and efficient faculty members will not be willing to serve the Institute of Management in Government on the above condition. It is requested that specific orders may be issued exempting the faculty members of the Institute of Management in Government from the operation of Rule 100 Part III Kerala Service Rules.

(2) The Government after examining the case in detail are pleased to order that all officers taking voluntary retirement and who get absorbed in the Institute of Management in Government will be allowed to draw their full salary from the Institution without any reduction for pension but payment of terminal benefits due from Government in such cases will be made only after the employment in the Institution is over.

(3) Government are also pleased to order that:

(a) In the case of Government servants who are re-employed in Government after they attain the age of superannuation, the re-employment salary will be the last gross salary drawn minus pension ie, the total emoluments (including pension) on re-employment is the same as the emoluments drawn at the time of retirement.

(b) Government servants employed in Quasi Government Institutions (Public Sector Undertakings and those registered under the societies and Charitable Endowments Act as well as Co-operative Institution controlled by Government) will be governed by re-employment terms as mentioned above, provided they are employed after the age of superannuation in Government. Those who retire voluntarily ahead of the date of superannuation and who are absorbed in the quasi Government Institutions, will be allowed to receive the full salary under the Institution, but their pensionary benefits from Government will be kept in abeyance until the end of their service in the institution.

(4) The above rules will not however apply to cases where the employment in the Quasi Government Institutions is a contract appointment or for a period upto one year and for which an honorarium is paid and no a regular salary.

(5) This Order will take effect from 1-4-1986 and will also be applicable to those on re-employment as on 1-4-1986.

(6) Amendments to Rule 100 Part III Kerala Service Rule will be issued separately.

By order of the Governor,
K. MOHANACHANDRAN,
Secretary (Expenditure)

To

The Registrars. University of Kerala /Calicut/Cochin
(with C.L.)

APPENDIX V TO ITEM NO. 218 31
GOVERNMENT OF KERALA

Abstract

PAY REVISION 1983-TIME BOUND GRADE PROMOTION-
CLARIFICATION-ORDERS-ISSUED.

FINANCE (PRC) DEPARTMENT

G.O (P) No. 373/86/(59)/Fin. Dated, Trivandrum, 23rd
May, 1986.

Read: G.O. (P) 515/85/Fin. Dated 16-9-1985.

ORDER

As per para 10 (i) of the G.O. read as first paper above employees in the revised scales of pay ranging from Rs.550-800 to Rs.1150-2270 will be allowed promotion to higher grade on completion of ten years of service and a second higher grade after either 10 years of service in the first higher grade or a total service of 20 years in the two grades together whichever is earlier.

2. A doubt has been revised whether an employee whose entry grade is within the range of scale of pay of Rs 550-800 and Rs.1150-2270, and who gets first regular promotion or first higher grade on a scale of pay above Rs.1150-2270 would be eligible for further higher grade promotion as per the above provision.

3. The matter has been examined in detail. The intention of Government while sanctioning the above grade promotion was to ensure at least two promotions to employees (whose scale of pay at entry ranges from

Rs. 550-800 to Rs.1150-2270) on completion of a period of 20 years. There are cases where the scale of pay of an employee goes beyond Rs.1150-2270 on getting first promotion. The post of Assistant Surgeon in the Health Services Department is a typical example. The scale of pay of entry grade of Assistant Surgeon Rs. 1150-2270 and next promotion post available for this category is Civil Surgeon Grade 11 on Rs. 1500-2685. Hence the Assistant Surgeon is eligible for higher grade promotion to the scale of Rs. 1500-2685 on completion of a total service of 10 years as Assistant Surgeon under this scheme of time-bound promotion. If the rule 10 referred to in para 1 above is interpreted to the effect that the officer is not entitled to the second higher grade at the scale of his first higher grade is Rs 1500-2685, it will defeat the very purpose of time-bound grade promotion envisaged in the scheme. In the circumstances Government are pleased to issue the following clarificatory orders in the matter.

(i) Employees who are in the entry grade ranging from Rs. 550-800 to Rs.1150-2270 will get the benefit of second higher grade even if the scale of pay of their first higher grade is above Rs.1150-2270.

(ii) In the case of those employees whose entry grade is any one of the revised scales of pay ranging from Rs. 550-800 to Rs. 1150-2270 or their corresponding pre-revision scales if they had got promotion on a normal basis they will also be eligible for the benefit of second higher grade on completion of 10 years of service in the promotion grade or a total service of 20 years in the entry grade and the promoted post together. For example, if a Veterinary Surgeon on Rs. 1150-2270 who has already got promotion as Assistant Director (Rs. 1250-2500) on completion of 11 years of service, will get the second higher

Grade of Rs 1600-2710, on completion of a total service of 20 years in the entry grade and the promotion post together

4. The grant of higher grades as mentioned above is subject also to the general conditions regulating the scheme of higher grades.

5. The above orders will take effect from 16-9-1985

By order of the Governor.

P. K. KRISHNANKUTTY NAIR
Additional Secretary

The Registrar, University of Kerala/Cochin/Calicut
(With C. L.)

APPENDIX VI To ITEM No. 218-36

GOVERNMENT OF KERALA

Abstract

Allowance - Dearness allowance - Revision of - orders issued

FINANCE (PRU) DEPARTMENT

G. O. P) No. 444/86/Fin. Dated, Trivandrum, 24th June 1986.

- Read: 1. G. O. (P) 515/85/Fin. dated 16-9-1985,
 2. G. O. (P) 159/86 Fin. dated 15-2-1986.
 3. G. O. (P) 299/86 Fin. dated 7-4-1986.

ORDER.

Government are pleased to order that the rates of Dearness Allowance sanctioned in the Government Order read as third paper above will be revised with effect from 1-1-1986 as shown in Annexure. I to this order. The payment in respect of this instalment will be made in cash starting from the pay of June 1986 and the arrears for the period from 1-1-1986 to 31-5-1986 will be credited to the Provident Fund Accounts of the employees in the manner indicated in para 5 below.

2. Government are also pleased to order that the existing rates of ad hoc Dearness Allowance ordered in the Government Orders read as first and second paper above will be revised as follows, subject to a maximum of Rs. 154 with effect from 1-1-1986:

Those in the pay range of Rs. 2712 and above: 93% of the basic pay at 200 points minus (i) Rs. 1450 and (ii) ad hoc Dearness Allowance at 488 points.

The details of revised ad hoc Dearness Allowance for different pay range/are given in Annexure II to this order. The ad hoc Dearness Allowance increase as shown therein will be admissible only on the basic pay of the officers concerned, without including special pay, deputation special pay and special allowance or any addition to pay under any other nomenclature except the special pay granted in lieu of higher time scale of pay and classified under Class I (a) of Appendix IV, Kerala Service Rules. The payment in respect of ad hoc Dearness Allowance will also be made in cash from the pay of June 1986 onwards and the arrears for the period from 1-1-1986 to 31-5-1986 will be credited to the Provident Fund Account of the employees in the manner detailed in para 5 below.

3. In the case of those who remain in the pre-revision scales of pay, their pay for the purpose of calculating Dearness Allowance and ad hoc Dearness Allowance beyond 488 points in the Cost of Living Index as per this Order, will be the pay in the pre-revised scale plus Dearness Allowance and ad hoc Dearness Allowance at 488 points in the Cost of Living Index - Vide Appendix II of Annexure III to the Government Order read as first paper above.

4. These orders will apply to full-time State Government employees, staff of Aided Schools, Private Colleges and Polytechnics, full-time employees borne on the contingency and work charged establishment and employees of local bodies, subject to the condition that the expenditure on this account in respect of local bodies, will be met from the funds of the respective local bodies.

5. The arrears on account of Dearness Allowance and ad hoc Dearness Allowance now sanctioned from 1-1-1986 and accrued upto 31-5-1986 shall be dealt with as follows:-

The amount will be paid into the Provident Fund Account of the employees. Where the employee concerned is not eligible to subscribe to any provident Fund before 31.5.1986 the drawal of Dearness Allowance and ad hoc Dearness Allowance arrears shall be deferred till the employee becomes eligible to subscribe to Provident Fund and a Provident Fund Account is opened for him; but as and when the Provident Fund Account is opened, interest will accrue from the month of deposit in the provident Fund, of the amounts accrued upto 31.5.1986.

6. Dearness Allowance and ad hoc Dearness Allowance at the revised rates from June 1986 onwards will be paid in cash.

7. The accounting and drawal of the arrears of Dearness Allowance referred to in para 5 above, calculation of interest thereon and withdrawal therefrom will be regulated as follows:-

(i) Mode of Accounting

The arrears of Dearness Allowance and ad hoc Dearness Allowance accrued upto 31.5.1986 shall be credited in the Provident Fund Accounts of the employees.

(ii) Mode Of Drawal

Arrear bills for the gross amount of the arrears of Dearness Allowance and ad hoc Dearness Allowance upto 31-5-1986, may be prepared and presented to the concerned treasuries as part of the salary bills for June, July, August or September 1986, to be encashed in July, August, September or October 1986, in relaxation of Article 176, Volume I, Kerala Treasury Code, the amount being paid into the Provident Fund Account of the employees concerned. Bills will be supported by General Provident Fund Schedules according to normal requirements. The amount to be deposited will be shown in whole rupee applying the principle of rounding i.e. fifty paise and above will be rounded off to the next higher rupee, and less than fifty paise will be ignored.

In the case of those Government servants who are not having any General Provident Fund Account, the arrears may be drawn only after they have become eligible to subscribe to General Provident Fund and account numbers allotted.

(iii) Preparation of Provident Fund Schedules

The Provident Fund Schedules attached to the bills may clearly indicate details of name, designation and Provident Fund Account numbers. In the bills as well as in the Schedules, the arrears of Dearness Allowance and ad hoc Dearness Allowance upto 31-5-1986, should be clearly indicated. The amount of arrears of Dearness Allowance and ad hoc Dearness Allowance to be credited to Provident Fund Account should be shown as separate entry in the regular Provident Fund Schedules as shown below;

Subscription proper			Refund of advance		Arrears of DA/ adhoc DA amount	Total amount
Amount Rs.	Month to which it relates	No. of Instalments	Amount Rs.	Month to which it relates	Rs.	Rs.
6	7	8	9	10	11 (6+9+11)	12

No separate Provident Fund schedule need be attached for this purpose.

iv. Calculation of Interest

Interest on the Dearness Allowance and ad hoc Dearness Allowance credited to the Provident Fund Accounts in accordance with the provisions of paragraph 5 will accrue from the 1st of the month in which the bills are presented at the treasuries.

(v) Withdrawals Advances

No withdrawal or advance shall be made from the arrears of Dearness Allowance and ad hoc Dearness allowance credited in the Provident Fund Account in accordance with the provisions of para 5 till 31-3-1987. The loan sanctioning authorities will ensure that while computing the balance at credit in the General Provident Fund Account of the employees, for purpose of granting advances, no portion of the arrears of Dearness Allowance as above, is included.

8. The above procedure will be applicable. *Mutatis Mutandis* to Provident Funds, other than General Provident

Fund also. In regard to contributory Provident Fund, however, there will be no matching contribution from the Government in respect of the arrears of Dearness Allowance and ad hoc Dearness Allowance.

9 The following categories of employees will be exempted from crediting the arrears of Dearness Allowance upto 31-5-1986 in the Provident Fund Account and they will be allowed payment of arrears in cash:-

(i) Employees retired during the period from 1-1-1986 to 31-5-1986.

(ii) Employees who are due to retire from service during the period till 31-3-1987.

(iii) All categories of employees including re-employed pensioners in whose case it is not obligatory to maintain Provident Fund Accounts.

10. Employees who have completed one year's service as on 1-1-1986 but who have not been admitted to Provident Funds, should be got admitted to the Provident Fund immediately and the Dearness Allowance and ad hoc Dearness Allowance arrears in their case should be credited in the manner prescribed in para 5 above.

11. The rates of Dearness Allowance of part-time teachers and part-time contingent employees mentioned in the Government Order read as third paper above will also be revised as follows:-

Categories	Existing rate per mensem	Revised rate per mensem with effect from 1-1-1986
	Rs.	Rs.
Part-time Teachers	84	90
Part-time Contingent employees whose area of work is below 200 sq. meters	59	64
Part-time Contingent employees whose area of work is 200 sq meters and above	64	70

The above categories will also be allowed the entire amount due from 1-1-1986 in cash and the orders contained in para 5 above i.e., regarding crediting the arrears upto 31-5-1986 will not apply in their case.

By order of the Governor,
K. MOHANACHANDRAN
Secretary (Expenditure)

To
The Registrar, University of Kerala/Cochin/Calicut
(with C. L.)