

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Minutes of the 255th meeting of the Syndicate held on May 6, 1989

**Place of meeting : Administrative Buildings
Cochin 22.**

Time : 11.00 a.m.

Members present :

1. Dr. Harsh K. Gupta (In the Chair)
Vice-Chancellor
2. Prof. C. A. Abdulsalam
Pro-Vice Chancellor
3. Dr. R. Jayaraman
4. Shri. Joseph Puthuserry
5. Shri. Joseph Skariah
6. Dr. P. Leelakrishnan
7. Dr. Paul A. Vatakencherry
8. Shri. A. Thankappan
9. Shri. Thiruvanchoor Radhakrishnan

Also present : Shri. V. J. Pappoo, Registrar

Item No. 255.01 Confirmation of the minutes of the meeting of the Syndicate held on 1.4.1989

Resolved that the minutes of the meeting of the Syndicate held on 1.4.1989 be confirmed subject to the following amendments.

1. The period of 'Workshop' shown as 15-18 March 1989 in Item No. 254.02 (1) be corrected as 16-18.March 1989.
2. The words 'if he is interested in pursuing research work' occurring at the end of the resolution in Item No.254.16 be deleted.
3. The words 'from 29 3.1989 to 30 6.1989' be added at the end of the preamble to item No.254.37.

Item No.255.02 : Report of the Vice-Chancellor on important Developments in the University

1. The following persons have been appointed Deans of Faculties for a period of 3 Years.

- | | |
|-------------------------------------|------------------------------|
| 1. Faculty of Engineering | — Dr. Unnikrishna Pillai |
| 2. Faculty of Environmental Studies | — Dr. K. P. Balakrishnan |
| 3. Faculty of Humanities | — Dr. Ramachandra Dev |
| 4. Faculty of Law | — Dr. P. Leelakrishnan |
| 5. Faculty of Marine Sciences | — Dr. P.N Krishnan Nambissan |
| 6. Faculty of Science | — Dr. Paul A. Vatakencherry |
| 7. Faculty of Social Sciences | — Dr. N. Parameswaran Nair |
| 8. Faculty of Technology | — Dr. A. K. Menon |

Dr. Menon however expressed his inability to be the Dean of the Faculty as he is the only professor in the Department. Dr. Aatre, Director, NPOL will convey his acceptance after clearance from DRDO Headquarters.

2. Dr. P. Leelakrishnan, Dr. Krishnan Nambissan and Dr. Paul A. Vatakencherry will be the new members of the Syndicate representing the Deans. Consequent on the appointment of Dr. Vatakencherry as the Dean of the

Faculty of Science, he resigned membership in the Syndicate representing the teachers of the University as nominated by the State Government.

3. Dr. K. Gopalakrishnan Nair and Prof. P. Ramachandran Poduval, Local Secretaries have proceeded to Calcutta to attend a meeting of the Executive Committee of the Indian Science Congress Association. Meetings of the various sub-committees will be convened on receipt of holding the Science Congress.

4. The Vice-Chancellor, during his last visit to Delhi, had appraised the authorities concerned in the UGC&DST, to extend necessary financial assistance for the construction of the proposed open air auditorium. But as no assurance has so far been received from the UGC&DST an alternate plan for utilising the new Engineering Science Block under construction and its premises for the inaugural function of the Indian Science Congress 1990 are being explored. This has become necessary in the light of a considerable reduction in the expected plan assistance during the current financial year from Rs 200 lakhs to Rs.100 lakhs. It is also understood, from the DST, Government of India, that the DST is favourably considering the possibility of extending financial assistance for the construction of a Seminar Complex at the

University Campus proposed by the University at an estimated cost around Rs.100 lakhs.

5. The Ministry of Human Resource Development, Government of India vide letter dated 29.3.1989 sanctioned Rs 22/-lakhs for the project centre for Studies in Transducer system for Ocean Engineering Applications. The grant is for meeting the recurring and nonrecurring expenditure for implementation of the project during VII plan period. of the total amount of Rs 22.00 lakhs, Rs. 19.00 lakhs is for purchase of equipment and Rs.3.00 lakhs towards recurring expenditure.

6. The Ministry of Human Development, Government of India vide letter dated 30.3.1989 sanctioned Rs.15 lakhs under its New Plan Scheme for Modernisation and Removal of Obsolescence of Laboratory and Workshop

of the Plastic and Rubber Processing Laboratory. The grant is for meeting the non-recurring expenditure on the modernisation, for purchasing of equipment only.

7. Copies of the University Amendment Act 1989 bringing about some changes in Section 31 of the Principal Act regarding constitution of Selection Committees have been received. This is for the information of the members.

Item No. 255.03: Recognition as research centre. Institute of Human Resources Development for Department of Electronics, Trivandrum- constitution of Inspection Committee - consideration of -

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the request from the Director, Institute of Human Resources Development for Electronics, Trivandrum for granting the Institute recognition as a Research Centre of the University for pursuing research and the proposal for appointing a visiting committee for ascertaining the facilities available in the Institute.

Resolved to take necessary steps for obtaining a list of the full-time faculty members with doctorate degree who are eligible to be considered for granting recognition as research guide of the University before a Visiting Committee is appointed for ascertaining the facilities in the Institute.

(Ac.)

Item No. 255.04: Request for fourth chance to appear for examination reg.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the request from Smt. Asha Joseph, who was an M. Sc. Marine Biology student in the School of Marine Sciences, for granting her a fourth chance for appearing for the Mathematics and Statistics Paper of M. Sc. Marine Biology course.

Resolved that the matter be placed before the Academic Council

(Ac. A)

Item No. 255.05: Enhancement of University Union Fund
Raising of University Union fee-

The Syndicate considered, alongwith the recommendations of the Standing Committee on Academic Mat-

ters, the proposal for enhancing the University Union fee collected from the students.

Resolved that the University Union fee collected from the students be enhanced to Rs.10/-p. a. and the allocation for the University Union be raised to Rs.50,000/p.a.

Item No.255. 06: Vacant University Junior Research Fellowships - awarding of

The Syndicate considered, alongwith the recommendations of the Standing Committee on Academic Matters, the proposal for awarding the vacant University Junior Research Fellowship as recommended by the Scholarship Committee.

Resolved that the following recommendations of the Scholarship committee be accepted.

- a) The vacant JRF originally transferred from the Physical Oceanography and Meteorology Division to the Marine Geology Division for a period of one year from 13.2.1988 be again transferred to the Marine Geology Division for a period of one

year from 13.2.1989 and warded to Shri. Syriac Sebastian w. e. f. 13.2.1989 subject to the Assessment as per rules for the award of University Junior Research Fellowship.

- b) Shri A. V. Sasikumar, Research Scholar, Marine Biology Division be awarded the vacant University JRF w. e. f. 1.11.1988 for a period of two years.
- c) Shri V. Ajaikumar, Research scholar, Department of Electronics be awarded the Vacant University JRF w. e. f. 17.2.1989 for a period of two years and.
- d) The request of Shri Nandakumar K, Research Scholar, Department of Physics to award the Vacant University JRF in the Department be declined as he has not passed any test qualiying him for the award of University JRF

(Ac. B.)

Item No. 255.07 : Payment of University Junior Research Fellowships to Shri Augustin Antony, Research Scholar, Marine Biology Division, School of Marine Sciences-consideration of-

The Syndicate considered, alongwith the recommendations of the standing Committee on Academic Matters, the proposal for cancelling the University JRF awarded to shri Augustine Antony, Research scholar, Marine Biology Division, school of Marine Sciences as recommended by the scholarship Committee.

Resolved that the award of University Junior Research Fellowship made to shri Augustine Antony, Research Scholar, School of Marine Sciences be cancelled

(Ac. B.)

Item No. 255.08: Recognition as research guide-application of Dr. D. Rajasenan-consideration of.

The Syndicate considered, alongwith the recommendations of the standing Committee on Academic Matters, the proposal for granting recognition to Dr. D Rajasenan, Reader, Depsartment of Applied Economics as a Supervising Teacher under the Faculty of Social Sciences.

Resolved that Dr. D. Rajasenan, be granted recognition as Supervising Teacher under the Faculty of Social

Sciences either on his completion of two years as Lecturer on 17.10.1989 after obtaining Ph. D Degree or on completion of probation as Reader, whichever is earlier.

(Ac. B.)

Item No. 255.09: Ph. D. registration - change of topic of research - request of Shri Girish Kumar L. - consideration of-

The syndicate considered, alongwith the recommendations of the standing Committee on Academic Matters, the request from shri Girish Kumar L, fulltime research scholar, Department of Applied Chemistry for permission to change the topic of research from 'Acid Base Properties and Catalytic Activity of rareearth Oxides' to 'The solvent effect on Activation parameters for the Hydrolysis of Salicylate Esters'

Resolved that Shri Girish Kumar L be permitted to have 'The Volvent effect an Activation Parameters for the Hydrolysis of Salicylate Esters' as his new topic of research.

(Ac. B.)

Item No. 255.10: Re-registration for part-time research applications of Smt. Jancy Jacob-consideration of

The Syndicate considered, alongwith the recommendations of the Standing Committee on Academic Matters, the application from Smt. Jancy Jacob for reregistration for part-time research on the topic 'An Economic Evaluation of Forest Based Industries in Kerala' under the guidance of Dr. Mary Joseph in the Department of Applied Economics.

Resolved that smt. Jancy Jacob be granted reregistration for doing part time research on the topic "An Economic Evaluation of Forest Based Industries in Kerala" under the guidance of Dr. Mary Joseph in the Department of Applied Economics.

(Ac B)

Item No. 255.11: Re-registration for ph. D. programme application of Smt. Rajalakshmi Amma P consideration of

The Syndicate considered, alongwith the recommendations, of the Standing Committee on Academic Matters, the application from Smt Rajalekshmi Amma P.

Technical Assistant Grade III, School of Environmental Studies for granting re registration for doing part-time research on the topic "Effect of Industrial pollutants on some selected bivalves" under the guidance of Dr. K. P. Balakrishnan in the School of Environmental Studies.

Resolved that Smt. Rajalekshmi Amma P., Technical Assistant Grade III, School of Environmental Studies be granted re-registration for doing part-time research on the topic "Effect of Industrial pollutants on some selected Bivalves" under the guidance of Dr. K. P. Balakrishnan in the School of Environmental Studies.

(Ac. B.)

Item No. 255.12: Dr. C. V. Kurian - Request for permission for continuing research programme as an Emeritus Scientist - and Draft guidelines in the matter of appointment of Emeritus Fellows in the University consideration of

The Syndicate considered, alongwith the recommendations of the Standing Committee on Academic Matters, the request from Dr. C. V. Kurian for permitting him to continue research work in the School of Marine Sciences as an Emeritus Scientist and the proposal for approving the guidelines drawn up for appointment of Emeritus Scientists in the University.

Resolved that the matter be deferred for detailed study.

(Ac. B)

Item No. 255.13: Ph. D. registration - 1989 - Faculty of Environmental studies - Applications - consideration of -

The Syndicate considered, alongwith the recommendations of the Standing Committee on Academic Matters, the application for granting registration for doing research leading to the award of ph. D. degree under the Faculty of Environmental Studies.

Resolved that

- Shri K. Ramanathan be granted full-time registration for doing research leading to the award of

Ph. D. degree under the Faculty of Environmental Studies on the topic "Haematological Studies on Bivalves" under the guidance of Dr. A. Mohandas in the School of Environmental Studies.

- Shri Mohanan Choran be granted part-time registration for doing research leading to the award of Ph. D. degree under the Faculty of Environmental Studies on the topic "Diseases of Bamboos and Rattans and their possible management", under the guidance of Dr. Jyotikumar Sharma in the Kerala Forest Research Institute, Peechi.

(Ac. B.)

Item No. 255.14: Ph. D. programme-1989 Faculty of Science - Applications- consideration of-

The Syndicate considered, alongwith the recommendations of the Standing Committee on Academic Matters, the application received for granting registration for doing research leading to the award of Ph. D. degree under the Faculty of Science.

- Resolved that the candidates as in Appendix I be granted registration for doing research leading to the award of Ph. D. degree under the Faculty of Science.

Resolved further that Shri Kolluri Venkata Satyavara Prasad be not granted registration as the M. Sc. degree in Food Science and Nutrition is not a degree recognised under the Faculty of Science for doing research.

Item No. 255.15: Institution of the degree of Master of Technology under the Faculty of Marine Sciences - Amendment to the Statutes. consideration of-

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the proposal for amending Statute 118-Chapter VIII of the Cochin University First Statutes 1980 so as to incorporate therein the M. Tech. degree.

Resolved that the Degree of Master of Technology- M. Tech. be incorporated at the appropriate place in Statute 118 of Chapter VIII of the Cochin University First Statute 1980 and the amendment thus made be notified in the Government Gazette.

(Ac. B)

Item No. 255.16: Regulations/Amendments to the Regulations passed by the Academic Council. Giving approval and dates of effect

reg.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the proposal for approving the Regulations/Amendments to the existing Regulations passed by the Academic Council and for determining dates of its effect.

Resolved that the Regulations/Amendments to Regulation as in Appendix II be approved.

Resolved further that the Regulations/Amendments to Regulation be effective from 26-11-1988 ie. the date of the meeting of the Academic Council.

Resolved also that the ordinance prescribing revised qualification for the post of University Librarian and Deputy Librarian be published in the official Gazette.

(Ac. B)

Item No. 255.17: U. G. C. Junior Research Fellowship at any one given time basis - Reallocation and guidelines for selection - consideration of

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters the proposal for reallocating the JRF sanctioned by the UGC 'at any one given time basis' among the various Departments of the University and for awarding the two vacant UGC Junior Research Fellowships.

Resolved that:

- a) The 15 UGC Junior Research Fellowships be reallocated at the rate of Fellowship one to each Department.
- b) The existing two vacancies be allocated to the Departments of Applied Economics and Mathematics and Statistics.
- c) The next vacancy of UGC Junior Research Fellowships be allocated to the Department of Electronics; and
- (d) The Heads of Departments/ Schools be authorised to issue internal notification inviting applications for the award of UGC JRF and to rank list of eligible candidates.

(Ac. B)

Item No. 255.18: Ph. D. thesis entitled "Studies on the Biology of the Clam, Sunetta Scripta (Linne) from the Sub-Tidal Waters of Cochin" submitted by Smt. Clara Margret Katticaran. Evaluation Reports and Report of viva voce examination and open defence consideration of-

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the individual report of the Examiners, together with the consolidated report of the Chairman, Board of Examiners, and the minutes of the viva voce examination and open defence report in respect of the Ph. D. Thesis

"Studies on the Biology of the Clam, Sunetta Scripta (Linne) from the Sub Tidal Waters of Cochin" submitted by Smt. Clara Margret Katticaran, full time research student who worked under the guidance of Dr. K. Y. Mohammed Salih, Reader, School of Marine Sciences.

Resolved that Smt. Clara Margret Katticaran be declared eligible for the award of Doctor of Philosophy Under the Faculty of Marine Sciences for her Thesis "Studies on the Biology of the Clam, Sunetta Scripta (Linne) from the Sub Tidal Waters of Cochin".

(E. A)

Item No. 255.19: Ph. D. Thesis entitled "Impact of Dialectical Materialism on the Novels of Yaspal" submitted by Shri A. K. Ravi. Evaluation Reports and Report of Viva Voce Examination-consideration of

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the individual report of the Chairman, board of Examiners and the minutes of the Viva Voce examination in respect of the Ph. D. Thesis "Impact of Dialectical Materialism on the Novels of Yaspal" submitted by Shri A. K. Ravi, full-time research Student who worked under the guidance of Dr. A. Ramachandra Dev. Professor, Department of Hindi.

Resolved that Shri A. K. Ravi be declared eligible for the award of Doctor of Philosophy under the Faculty of Humanities for his Thesis "Impact of Dialectical Materialism on the Novels of Yaspal".

(Exam.)

Item No. 255.20: Institution of 3 M. Phil. Scholarships for the M. Phil. course in Applied Chemistry
consideration of

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the proposal for approving the decisions of the Academic Council to institute three scholarships for the Analytical Chemistry, Inorganic Chemistry and Physical Chemistry branches of the M. Phil. degree course in Applied Chemistry for its current batch.

Resolved that the decisions of the Academic Council be approved and the matter be placed before the Finance Committee (Statutory) for its concurrence.

(Ac. B)

Item No. 255.21: Minutes Item No 251.51 of the Syndicate of 17.1.1989 regarding preferential allotment of Family quarters to employees of the non-teaching staff who have to attend to evening and night duties

The Syndicate considered, along with the recommendations of the Standing Committee on Staff and Establishment, the representation from one of the service organisations to reconsider the decisions taken vide item No. 251.31 to earmark 10% of the family quarters for preferential allotment to employees who are assigned evening duty.

Resolved that the matter of allotting 10% of the quarters by giving preferential treatment to employees who are assigned evening duty be deferred for detailed consideration taking into account the rules followed by State Government and other Universities in the State.

Resolved further that 5 units out of six C1 quarters be allotted observing the Rules prevalent prior to taking decisions under Item No. 251.31.

(Ac. A)

Item No. 255.22: Shri Wilson George, Storekeeper Grade II, Department of Ship Technology - Leave for study purpose - sanctioned - reg.

The Syndicate considered, along with the recommendations of the Standing Committee on Staff and

Establishment, the action taken by the Vice-Chancellor in having sanctioned to Shri wilson George, Storekeeper Grade II, Department of Ship Technology, Half pay leave for 52 days from 17-4-1989 to 8-6-1989 and Leave without Allowances for 218 days from 9-6-1989 with permission to prefix Sunday on 16.4.1989 for undergoing the MOT course conducted by the Cochin Port Trust.

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

((Ad.A)

Item No. 255.23: Priority list of applicants for House Building Advance-reg.

The Syndicate considered, along with the recommendations of the Standing Committee on Staff and Establishment the representation from one of the service organisations for reconsidering the decisions taken by the Syndicate at its meeting held on 10.6.1988 fixing norms for preparing priority list of applicants for house Building advance.

Resolved that Dr. R. Jayaraman, Director of Technical Education and Member Syndicate be requested to study the matter with reference to the Government Rules and the matter be again placed before the Syndicate along with the report of Dr. Jayaraman.

((Ad.A)

Item No. 255.24: Purchase of equipments-sanction request

The Syndicate considered, along with the recommendations of the Standing Committee on Finance and Purchase, the proposal for sanctioning purchase of equipments for the School of Environmental Studies at a total cost of Rs. 2,84,234/- and to permit the Head of the Department to draw Rs. 1,38,840/- as advance for effecting the purchase.

Resolved that the Head, School of Environmental Studies be permitted to purchase items of equipments listed in Appendix III at a total cost of Rs. 2,84,234/- and to draw Rs 1,38,840/- as advance for effecting the purchase.

(PLA)

Item No. 255.25: Purchase of 3 Ton Air cooled Mini package Air conditioners.

The Syndicate considered, along with the recommendations of the Standing Committee on Finance and Purchase, the proposal for sanctioning purchase of 3 nos. of 3 Ton Air conditioners for the Department of Computer Science at a total cost of Rs. 2,23,125 inclusive of all taxes from M/s. Fedders Lloyed Corporation.

Resolved that the Head of the Department of Computer Science be authorised to purchase 3 Nos. of 3 Ton Air Conditioners at a total cost of Rs. 2,23,125- inclusive of all taxes from M/s. Fedders Lloyed Corporation.

(PLA)

Item No. 255.26: Construction of open air auditorium in the University Campus

The Syndicate considered, along with the recommendations of the Standing Committee on 'Works' the proposal for approving the detailed plan and estimate amounting to Rs. 15.50 lakhs for the open air auditorium prepared by M/s. Lal Bahadur Sastri Centre, Trivandrum.

Resolved that the estimate be approved and the execution of work be taken up as per rules subject to availability of funds.

(PLA)

Item No. 255.27: The Scheme of special coaching classes for SC/ST students sponsored by the Department of Electronics, Government of India- Implementation of the Scheme Reporting of-

The Syndicate noted the action of the Vice-Chancellor in having implemented the scheme 'special coaching classes for pre 2nd year SC/ST Electrical/Computer Science/Electronics Engineering students' sanctioned by the Department of Electronics, Government of India at a total financial outlay of Rs. 4,97,000/- in the Department of Electronics of the University.

Resolved that the action of the Vice Chancellor be ratified.

(PLA)

Item No. 255.28: Implementation of the plan scheme- programmes of New and/or improved Technologies and offering new courses in Centre for Studies in Transducer System for Ocean Engineering Applications in the Department of Electronics.

The Syndicate noted the action of the Vice-Chancellor in having implemented the project 'centre for Studies in Transducer systems for Ocean Engineering Applications' sanctioned by the Ministry of Human Resources Development for the VII Plan period at a total financial outlay of Rs. 22 lakhs in the Department of Electronics of the University.

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

(PLA)

Item No. 255.29: Implementation of the Plan Scheme for Modernisation and Removal of Obsolescence of plastic and Rubber processing Lab. of the Department of Polymer Science & Rubber Technology.

The Syndicate noted the action of the Vice-Chancellor in having implemented the plan Scheme for Modernisation and removal of obsolescence of plastic and Rubber Processing Lab. of the Polymer Science and

Rubber Technology Department of the University Sanctioned by the Ministry of Human Resources.

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

(PLA)

Item No. 255.30: Admission of teachers under FIP to the M. Phil. Degree Course.

The Syndicate noted the action of the Vice-Chancellor in having permitted the Head of the Department of Physics to admit Smt. M. Geetha Kumari, Professor Gr-II (NC), Shri. N. Rajendran, Department of Physics, Cochin College, Cochin - 2 and Shri. K. Ratnakaran, Government Brunnen College' Tellicherry to the M. Phil. degree course as a special case by increasing the sanctioned intake in view of the fact that the candidates having been included under the Faculty Improvement Programme of the UGC

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

(Ac.A)

Item No. 255.31 The project "Software development for Echo-Simulation and processing" - Purchase of Computer - Action taken by the Vice-Chancellor reporting of

The Syndicate noted the action of the Vice- Chancellor in having permitted the Head of the Department of electronics to purchase the following items of equipment

from M/s. Wipro Information Technology Ltd., Cochin = 20 at a cost of Rs. 5,40,000/- meeting the expenditure from the grant sanctioned by the Government of India for the Project "Software Development for Echo Simulation and Processing.

<u>Sl. No.</u>	<u>Item</u>
	<u>Wipro S-386 Mini Computer with</u>
1	Intel 80386 CPH (a) 20 MHz with 64 KB Cache Memory
2	4 MB RAM
3	Intel 80387 Coprocessor
4	Intel 80206 based SCSI - IE controller with IMB RAM
5	8 Channel communication controlled
6	5 1/4", 1.2 MB Floppy Drive
7	60 MB Cartridge Tape Drive with controller
8	170 MB SCSI Drive
9	Console VDU
10	WINIX V. 3 operating System with C compiler

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

(PL A)

Item No. 255.32: Purchase of a new bus to the University

The Syndicate considered, the proposal for purchasing a new Bus for the University for providing additional Transport facilities for the students and staff.

Resolved that the matter be referred to the Finance Committee (Statuary)

(GS)

Item No. 255.33 Construction of a seven storeyed building at the Lakeside Campus

The Syndicate considered the suggestion of the Standing Committee on 'Works' on the location of the proposed seven storeyed building for the School of Marine Sciences.

Resolved that the recommendations of the 'Works' Committee to construct the building on the north-west end behind the School of Environmental Studies be accepted.

Resolved further that the foundation of the building be strong enough to bear any future construction of additional floors.

Resolved also that CIFNET be requested to grant temporary access through their land to the location of the construction for transporting materials.

(PLA)

Item No. 255.34: Revision of D. A - G. O. adopted for implementation - reported for ratification

The Syndicate noted the action of the Vice-Chancellor in having adopted for implementation in the University G. O. (P) No. 175/89/Fin. dated 22-3-1989 sanctioning revision of D. A. to the State Government employees

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

(Ad.A)

Item No. 255.35: Leave Without Allowances of Smt. P. Kusumakumari, U. D. Typist/Steno - consideration of - reg.

The Syndicate considered, along with the recommendations of the Standing Committee on Staff and Establishment, the application from Smt. P. Kusumakumari U. D. Typist/Steno for Leave Without Allowances (for 4 months from 6-4-1989 to 5-8-1989 on medical grounds in continuation of the Leave for 80 days sanctioned upto 5-4-1989.

Resolved that Smt. P. Kusumakumari, U. D. Typist/Steno be granted leave as asked for.

(Ad. B.)

Item No. 255.36: Motor conveyance advance 1989-90

The Syndicate considered, along with the recommendations of the Standing Committee on Finance and Purchase, the proposal for apportioning the Budget Allocation under DH 2. Motor Conveyance Advance in the budget of the University during the financial year 1989-90 among the applicants for Scooter/Motor Cycle loan and Car Loan.

Resolved that the budget allocation of Rs.1,80,000/- be apportioned equally for the applicants for Scooter/motor cycle loan and car loan

Resolved further that the car loan may be restricted to maximum of Rs. 12,000/- and the scooter/motor cycle loan to Rs. 6,000/-.

(Ad.A)

Item No. 255.37: Ph. D. registration-1989- Faculty of Marine Sciences – Applications consideration of

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the applications received for granting registration for doing research leading to the award of Ph. D. degree under the Faculty of Marine Sciences.

Resolved that the candidates who have chosen University departments as centre of research as in Appendix IV be granted registration for doing research leading to the award of Ph. D. degree under the Faculty of Marine Sciences.

Resolved further that, in the case of recognised research centres, only one candidate under each guide be granted registration and the Supervising Teacher be requested to indicate the candidate who may be considered for granting registration, if more than one candidate has sought registration under his guidance, and the Vice-Chancellor be authorised to take appropriate decisions in the matter.

(Ac.B)

Item No. 255.38: Shri K. George Varghese, Reader, School of Management Studies - Sabbatical leave regarding.

The Syndicate considered, along with the recommendations of the Standing Committee on Staff and Establishment, the request from Shri. K. George Varghese, Reader, School of Management Studies, for granting him sabbatical leave for one year w. e. f. 3.7.1989 to work on a project "Securities Analysis and Portfolio Management in Indian Condition"

Resolved that the matter be considered by the Standing Committee of the Syndicate on Academic Matters also.

(Ad.D)

Item No. 255.39: Shri. S. Paramanandhan, Head of the Department of Ship Technology Extension of term of appointment reg

The Syndicate noted the action of the Vice Chancellor in having extended the period of appointment of Shri. S. Paramanandhan as Head of the Department of Ship Technology till 31.7.1989

Resolved that the action of the Vice Chancellor be ratified.

(Ad. D)

Item No. 255.40: Minutes of the meeting of the Statutory Finance Committee held on 4-5-1989—consideration reg.

The Syndicate considered the minutes of the meeting of the Finance Committee [Statutory] Held on 4.5.1989.

Resolved that the minutes of the Finance Committee [Statutory] as in Appendix V be approved.

Resolved further that:

- a) The question of revision of the scale of pay of the post of Soil Analyst in the School of Technology be placed before the Syndicate with the observations of the Finance Committee [Statutory].
- b) Consideration of the request from Shri. P K Damodaran, Security Officer for granting him the scale of pay of Deputy Commandant in Special Armed Police be deferred for consideration at the time of implementation of the recommendation of the pay Commission.

c) The questions of granting special allowance and remuneration for extra duty and holiday duty for various categories of employees be placed before the IUCC.

d) Higher grade of Rs. 1250-2500 be granted to 20% of the Senior Section Officers in the Typist/Steno category provided the same benefit is available in the Calicut University also.

e) One post of Lecturor in the scale of pay of Rs 1300-2725 be created in the Department of Applied Chemistry for the conduct of Bio-technology course and the proposals be placed before the Academic Council for instituting the post.

[Ad A/Ad D]

Item No. 255.41: Vacancies of Matron/Assistant Matron

The Syndicate considered, along with the recommendations of the Standing Committee on staff and Establishment, the proposal for readvertising the post of Matron and Assistant Matron in the Women's Hostel with the modified qualifications.

Resolved that the posts of Matron and Assistant Matron be readvertised with the following modification in the age limit.

- a) Upper age limit shall be 60 years
- b) Retired college/High School teachers below 60 years of age may also apply.

[Ad A]

**Item No. 255.42: Recognition of Research Guide - Dr.Babu Philip, Reader in Marine Biochemistry
Marine Biology Division, School of Marine Sciences . application consideration of -**

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the application from Dr. Babu Philip, Reader, School of Marine Sciences, for granting him recognition as Supervising Teacher under the Faculty of Marine Sciences and the application from Shri. Francis, M.S who sought Ph. D. Registration under his guidance.

Resolved that Dr Babu Philip be granted recognition as a supervising teacher for guiding research students under the Faculty of Marine Sciences w.e.f 23.2.1989, the date on which he completed his period of probation as Reader.

Resolved further that Shri. Francis M. S. who sought registration under the guidance of Dr Babu Philip be granted part-time registration for doing research in the School of Marine Sciences leading to the award of Ph. D. degree under the Faculty of Marine Sciences on the topic "Biochemical Investigations on Aquatic Flora".

[Ac B]

**Item No. 255.43: Ph. D. programme 1989 Faculty of Law-
Applications consideration of -**

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the application for granting registration for doing research leading to the award of Ph. D. degree under the Faculty cf. Law.

Resolved that the candidates as in Appendix VI be granted registration for doing research leading to the award of Ph. D. degree under the Faculty of Law.

(Ac. B.)

**Item No. 255.44: Ph. D. registration 1989 Faculty of Humanities - Applications -
consideration of**

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the applications for granting registration for doing research loading to the award of Ph. D. degree under the Faculty of Humanities.

Resolved that the candidates as in Appendix VII be granted registration doing for research leading to the award of Ph. D. degree under the Faculty of Law.

Resolved further that the Vice-Chancellor be authorised to grant Part-time registration to three candidates among the four candidates who have sought registration under Dr. Raman Nair as indicated by Dr. N. Raman Nair.

(Ac.B)

Item No. 255.45: Ph. D. programme 1989 Faculty of Social Sciences Applications - consideration of

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the application for granting registration for doing research leading to the award of Ph. D. Degree under the Faculty of Social Sciences.

Resolved that the candidates as in Appendix VIII be granted registration for doing research leading to the award of Ph. D. Degree under the Faculty of Social Sciences.

Item No. 255.46: Ph. D. Registration 1989 Faculty of Engineering Applications consideration of

The Syndicate considered the applications from Benny Mathews Abraham and Premnath T. R for granting registration for doing research leading to the award of Ph. D. degree under the Faculty of Engineering.

Resolved that

a) Shri Benny Mathews Abraham be granted part-time registration for research under the guidance of Dr K. K. Punnoose on the topic 'Shear strength characteristics of Manus clays' under the guidance of Dr. K. K. Punnoose, the Centre of Research being the School of Technology.

b) Shri Premnath T. R. be granted part-time registration for research under the guidance of Dr. N. Ramachandra Rao on the topic "A computer based systems

for structure design" Solid modelling, analysis, and optimisation, under the guidance Dr. N. Ramachandra Rao the Centre of research being the School of Technology.

(Ac. B.)

Item No. 255.47: Ph. D. Registration 1989 - Faculty of Technology Applications - consideration of

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the application for granting registration for doing research leading to the award of Ph. D. degree under the Faculty of Technology.

Resolved that:

- a) The candidates as in Appendix IX be granted registration for doing research leading to the award of Ph. D degree under the Faculty of Technology.
- b) The part-time registration sought by T Suresh and Mariamma Chacko be not granted as the total number of candidates under Dr. C. S. Sridhar has reached the maximum possible limit of Six.
- c) The views of the Dean, Faculty of Technology, and the Chairman, Board of Studies be obtained with regard to the suitability of basic qualifications to do research under the Faculty of Technology.

in respect of Shri Damodaran T. K. and Abraham Joseph.

- d) The views of the Dean, Faculty of Technology be obtained with regard to the suitability of basic qualifications to do research under the Faculty of Technology in respect of Shri Balakrishna Pillai and Shri Boothalingam Pillai.
- e) The Vice-Chancellor be authorised to take appropriate action on (c) and (d) above after the views of Dean and the Chairman, Board of Studies are obtained.

(Ac. B)

Item No. 255.48: Draft rules for the conduct of the Staff Council Amendments reg

The Syndicate considered the report of the Staff and Establishment Committee submitted to the Syndicate after discussing with the representatives of the Staff Council regarding the amendments proposed by them in the rules for the conduct of the business of the Staff Council.

Resolved that the recommendations of the Committee as given below be approved.

- 1) The first sentence in sub-clause 4 of the Clause I Objectives may be deleted.
- 2) Sub-clause 6 in Clause II Meeting may be changed as given below:

"One of the officers of the University deputed by the Registrar shall prepare

the minutes of the meetings and present the same to the Chairman for approval"

- 3) Sub-clause 8 may be deleted.
- 4) The words "no general matters relating to staff and" in the 3rd and 4th sentences of sub-clause 9 may be deleted.

Resolved further that the Rules for the conduct of the Staff Council be as in Appendix X.

(GA & EL)

Item No. 255.49: Appointment to the post of Maintenance Engineer in the Department of Electronics - consideration of the Rank list-reg

The Syndicate considered the rank list drawn up by the Selection Board for appointment to the post of Maintenance Engineer in the Department of Electronics

Resolved that the Rank list as in Appendix X be approved and appointment be made observing the principles of communal rotation and reservation as provided for in Section 7 (2) of the CUSAT Act, 1986 (Act 31 of 1986).

[Ad. A]

The meeting came to an end at 1.00 p.m.

University Building
Cochin-22
18-5-1989

REGISTRAR.

APPENDIX - IAPPENDIX TO ITEM No. 255.14

Details of candidates who have been granted registration for research Leading to Ph. D. Degree under the Faculty of Science

Sl. No.	Name of the applicant Centre of Research Whether full-time/ Part-time	Name of the Guide	Topic of Research	Title if Selected
1	2	3	4	5

1.	Sunitha, T. A. Dept. of Mathematics and Statistics Full-time	Dr. T. Thrivikraman Head, Dept. of Maths. and Statistics	Some problems in Topology	Not selected
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1.	2.	3.	4.	5.
2.	Sankaran, P. G. Dept. of Mathematics and Statistics Full-time	Dr. N. Unnikrishnan Nair Prof. of Statistics Dept. of Maths. & Statistics	Studies in Reliability	
3.	Binimol Punnoose Dept. of Mathematics and Statistics, Full-time	Dr. M. N. Narayanan Namboodiri Lecturer Dept. of Maths. & Statistics	Operator Theory	Not selected
4.	Chithra A. V. Dept. of Maths. & Statics Full-time	Dr. M. N. Narayanan Namboodiri Lecturer Dept. of Maths. & Statistics	Operator Theory	Not selected
5.	Jaishree Sridharan Dept. of Mathematics and Statistics Full-time	Dr. M. Jathavedan Reader Dept. of Mathematics and Statics	Some problems in Fluid Mechanics & application of Differ- ential equations.	

1	2	3	4	5
6.	Geetha. S. Dept. of Mathematics and Statistics Full-time	Dr. M. Jathavéden Reader Dept. of Mathematics and Statics	Fluid Mechanics	
7.	Shailaja R. Dept. of Mathematics and Statistics Full-time	"	Some problems in Fluid Mechanics and applications of Differen- tial Equations	
8.	Leela. B. Dept. of Mathematics and Statistics Full-time	Dr. R. S. Chakravarti Reader Dept. of Mathematics and Statistics	Some problems - Not in Topology selected and Algebra	

1	2	3	4	5
9.	Rema. M. V. Dept. of Mathematics and Statistics Full-time	Dr. R. S. Chakravarti Reader Dept. of Maths. & Statistics	Some problems in Graph Theory and Related areas	Not Selected
10.	Geetha Andrews Dept. of Applied Chemistry Full-time	Dr. P. Madhavan Pillai Professor Dept. of Applied Chemistry	Studies on Hetero- cyclic compounds	"
11.	Joseph. M. J. Dept. of Applied Chemistry Full-time	Dr. K. L. Sebastian Prof. in Physical Chemistry Dept. of Applied Chemistry.	Class in Chemical Physics	"

1	2	3	4	5
12.	Sumithra. K. Dept. of Applied Chemistry Full-time	Dr. K. L. Sebastian Prof. in Physical Chemistry Dept. of Applied Chemistry	Dynamics of desorption and diffusion on solid surfaces	Not selected
13.	Santhakumar V. Dept. of Applied Chemistry Part-time	Dr. K. L. Sebastian Prof. of Physical Chemistry Dept. of Applied Chemistry	Dynamics of Polymeric Molecules	"
14.	Philip. K. C. Dept. of Applied Chemistry Full-time	Dr. V. N. Sivasankara Pillai Reader Dept. of Applied Chemistry	Some aspects of separation science with Reference to water Technology	"

1	2	3	4	5
15.	Tony. K. J. Dept. of Applied Chemistry Full-time	Dr. S. Sugunan Reader Dept. of Applied Chemistry	Surface properties of Rare Earth Oxide Catalysts	Not selected
16.	Sherly. K. B. Dept. of Applied Chemistry Full-time	"	Electron properties of Rare Earth oxide catalysts	"
17.	Sunil Kumar. R. Dept. of Applied Chemistry Full-time	Dr. K. K. Mohammed Yusuff, Reader Department of Applied Chemistry	Preparation characteri- Zation and Activity studies of some new solid catalysts	"

1	2	3	4	5
18.	Krishnakumar C. Dept of Applied Chemistry Full-time	Dr. K. K. Mohammed Yusuff Reader Department of Applied Chemistry	Synthesis, characterization and catalytic activity studies of some new schiff Base complexes of Transition Metals	Not selected
19.	Paulose K. V. Regional Research Laboratory, Trivandrum Full-time	Dr. R. Ravindran Nair Scientist Regional Research Laboratory of Trivandrum.	Studies on High Temperature Oxide superconductors	"

1	2	3	4	5
20.	Susanna George Regional Research Laboratory, Trivandrum Full-time	Dr. C. Arumughan Scientist Regional Research Laboratory of Trivandrum.	Studies on the composi- tion and structure of palm oil glycerides	Not selected

Appendix - II**Appendix to Item No. 255.1.6****M. TECH. COURSE IN ATMOSPHERIC SCIENCES****Regulations and Curriculum**

- 1.** Admission to the Course
- 1.1** The Number of students admitted will be 10 out of which 5 will be reserved for sponsored candidates from user departments and five will be open for other applicants.
 - 1.2** All candidates for admission to the M. Tech. course in Atmospheric Science should have (1) obtained at least a Second Class M. Sc. degree or its equivalent in Meteorology, Oceanography, Mathematics or Physics.

- 1.3** Open Seats: Candidates for admission to this course through open category should have passed in GATE examination.

In case the number of applicants who have passed GATE/examination exceeds five, they will be required to appear for an entrance test and/or interview. The admission to the course will be based on the marks obtained in the entrance test and/or interview and the marks obtained by the candidates in the qualifying examination.

Candidates who have not passed the GATE Fellowship examination may also apply but will be considered for admission only if sufficient number of candidates who have passed GATE examination are not available. Such candidates will be requi-

red to take an entrance test and/or interview. They will be admitted on the basis of the marks obtained in the entrance test and/or interview and the marks obtained in the qualifying examination.

- 1.4** Sponsored Candidate: The University shall conduct entrance test and/interview for selection of sponsored candidates also. The sponsoring organisation has to enter into an agreement with the University for which prescribed forms will be supplied on request.
 - 1.5** All admissions will be made by an Admission Committee formed for the purpose. The candidate will lay down details of admission procedures and will be responsible for all matters regarding admission.
 - 1.6** Scholarships: Students admitted to the course and who have passed GATE examination are eligible for scholarship as per U.G.C. norms. Sponsored candidates will not be eligible for scholarships. University Merit scholarships may be awarded to eligible candidates who do not get any other scholarships.
- 2.** Curriculum for M. Tech. (Atmospheric Science)

- 2.1** The course shall comprise of three semesters each of 18-20 weeks duration. The course work of this M. Tech. programme shall be in accordance with scheme of Examination and Syllabi prescribed.

- 2.2 Scheme of academic programme and examination is given in
- 2.3 Syllabus of the M. Tech. programme is given.
- 2.4 i) Students who want to go back to their parent organisation or take up professional employment after completing 2nd Semester course shall obtain permission from the Head of the Department for their choice of place of project work before the commencement of the third semester. Such permission may be granted only on the production of a certificate to the effect that the student is permitted to carry on project work at the establishment/institution from the Head of the Institution where he/she proposes to complete the work.
- ii) Students who take up employment but opt to complete their project work in the Department shall obtain permission from the Head of the Department, to do their project work in the Department.
- 2.5 The Head of the Department, in consultation with the Supervisor/Guide may permit an extension of the date for submitting the project work for not more than twelve months from the end of Third Semester.
- 2.6 A student should complete the M. Tech. programme in a period of 5 consecutive semesters after admission to the course.

3. Examination and Promotion Rules.

- 3.1 There shall be a University Examination at the end of each semester. A candidate will be permitted to appear for the University Examination only if he/she satisfies the following conditions:-
- i) He/She shall secure not less than 75% attendance during the semester. However, the University shall have power to condone shortage of attendance up to 10% on the recommendation of the Head of the Department.
 - ii) His/Her progress, conduct and character must have been satisfactory.
- 3.2 For the purpose of evaluating a student the marks obtained in the University Examinations and the sessional marks (marks obtained in class tests, seminars, assignments etc.) shall be considered as shown in the course structure.
- 3.3 Candidates who fail in the examination can reappear for an examination subject to regulation.
- 3.4 The sessional marks awarded in a course shall be carried over in case a student has to reappear for the University examination for that particular course.

4. Declaration and classification of Results of Examination

- 4.1 A candidate who secures a minimum of 50% of

the total marks in each course, shall be declared to have passed the examination in that course.

4.2 A candidate who qualifies for the degree by passing all the prescribed courses of all semesters in the first chance within a period of three semesters after the commencement of the course of study and secures 75% or more of the aggregate marks of all semesters, shall be declared to have passed in First Class with Distinction.

4.3 A candidate who qualifies for the award of the Degree by passing all the prescribed courses of all Semesters in a period of not more than 4 semesters from the commencement of the course and secures an aggregate of 60% and above shall be declared to have passed in First Class.

4.4 All other successful candidates shall be declared to have passed in Second Class.

4.5 Ranking among candidates will be limited to those who have passed all the examinations in the first appearance within a period of 3 semesters and have secured First Class.

5. Revision of Regulation and Curriculum.

The University may from time to time revise, amend or change the regulations, scheme of examination and syllabus.

M. TECH. IN ATMOSPHERIC SCIENCES

Topic	Semester	Nature of the course	Topic	Unit	Marks allotted	Semester Marks	Courses Marks Exam. Hours	Teaching per week	Scheme of Academic Programme and Examination		
									Lec-ture	Tut.	Prac-tical
ATMS	501	Bridg3 Course		1	100	40	60	3	4	1	-
ATMS	502	Observational Techniques		1	100	40	60	3	4	1	-
ATMS	503	Physical Meteorology		1	100	40	60	3	4	1	-

1	2	3	4	5	6	7	8	9	10	11	12
ATMS	504	Fundamentals of Dynamic Meteorology		1	100	40	60	3	4	1	-
ATMS	505	Lab Course I		1	100 500	40	60	6	-	-	6
II.	ATMS	506	Tropical Meteorology	1	100	40	60	3	4	1	-
	ATMS	507	Advanced Dynamic Meteorology	1	100	40	60	3	4	1	-
	ATMS	508	General Cir- culation and the climate	1	100	40	60	3	4	1	-
	ATMS	509	Elective Courses	1	100	40	60	3	4	1	-

1	2	3	4	5	6	7	8	9	10	11	12
ATMS	510	Lab Course	II	1	400 500	40 40	60 60	6 6	-	-	-
III	ATMS	511	Internship	1	100	100			Summer Programme		
	ATMS	512	Project or Dissertation	4	400 500	100	300		Full Semester		

Elective Courses:

- | | | | |
|------|-----|-----|---|
| ATMS | 509 | (A) | Air Pollution and Atmospheric Chemistry |
| ATMS | 509 | (B) | Hydrometeorology |
| ATMS | 509 | (C) | Numerical Weather Prediction |
| ATMS | 509 | (D) | Non-Conventional Source of Energy |
| ATMS | 509 | (E) | Satellite Meteorology |
| ATMS | 509 | (F) | Middle and Upper Atmosphere |
| ATMS | 509 | (G) | Air-Sea Interaction |
| ATMS | 509 | (H) | Agricultural Meteorology |

M.Sc. Biotechnology Degree Course

Curriculum and Scheme of Examination

Course No. & Subjects	Period of work per week	Sessi-			University Exams.	Total
		1	2	3		
I Semester						
1. Principles of Microbiology	3	350	50	100		
2. Principles of Biochemistry	3	50	50	100		
3. Chemical Engineering	3	50	50	100		
4. Principles of Organic Chemistry	3	50	50	100		
5. Introduction to Statistics (non-credit course) *	3		
6. Practical - Microbiology	4	50	50	100		
7. Practical - Biochemistry	4	50	50	100		
8. Seminar & Viva Voce		25	25	50		
Total	23	325	325	650		

II Semester

1. Industrial Microbiology	3	50	50	100
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	1	2	3	4	5
2. Analytical Techniques in Biotechnology	3	50	50	100	
3. Enzyme Technology	3	50	50	100	
4. Introduction to Molecular Biology	3	50	50	100	
5. Practical-Enzyme Technology	4	50	50	100	
6. Practical - Analytical Techniques in Biotechnology Seminar & Viva Voce	4	50	50	100	
	25	25	50	50	
Total	20	325	325	650	

III Semester

1. Fermentation Technology	3	50	50	100
2. Introduction to Genetic Engineering	3	50	50	100
3. Elective - I	3	50	50	100
4. Elective - II	3	50	50	100
5. Practical - Fermentation Technology	4	50	50	100

1	2	3	4	5
6. Practical - Genetic Engineering				
Seminar & Viva Voce	4	50	50	100
Total	20	325	325	650

IV Semester:

Project Work	125	125	250
Viva Voce	50.	50.	100
Total	20	175	175
Grand Total	1150	1150	2300

Electives

1. Application of Biotechnology in Food Industry
2. Recombinant DNA Technology in Medicine
3. Biotechnology in Agriculture
4. Biodegradation and Industrial Waste Treatment

Note:

1. All Theory papers - 3 hours duration
 2. All Practical Examinations - 6 hours duration
5. A Pass (50%) is required for award of the degree.

Sl. No.	Name of Instrument/equipment	Qty. required	Rate Rs.	Name of the firm selected	Address
1	BOD Incubator	1	17,600.00	M/s. SICO, Cochin-16	Research Instrumentation, Madras
1	Cell Homogeniser	1	60,000.00 (appro) (U.S. \$ 40000)	M/s. SICO, Cochin-16	
1	Constant Temperature bath	1	8,380.00		

1	2	3	4	5
4.	Students Microscope	5	3,475.00 (17,375.00 5 numbers)	M/s. Instruments & Equipments, Madras
5.	Refrigerated Centrifuge	1	32,770.00	M/s. SICO, Cochin-16
6.	Test tube shaker	1	749.00	M/s. Instruments & Equipments, Madras
7.	a) Specific Ion Meter		54,750.00 (Approx) (B. Franks 1,82,500.00)	M/s. Racho Scientifiques, New Delhi
	b) Ion Electrodes	1	24,090 (Approx) (B. Franks 80,300.00)	Racho Scientifiques, New Delhi
8.	Thin Layer Chromatography set	1	7,020.00	M/s. Instruments & Equipments Madras
9.	High Volume Air Sampler	1	15,500.00	M/s. Netaf Chromatograph
10.	Potable gas sampler	1	7,500.00	-do-
11.	Stack monitoring kit	1	38,500.00	-do-

Appendix - IVAppendix to Item No. : 255.37

Details of Candidates who have been granted registration
for doing research under Faculty of Marine Science

Sl. No.	Name of the applicant Centre of Research Whether full-time/ Part-time	Name of the Guide	Topic of Research	Title, if selected
1	2	3	4	5
1.	S. Santhi Thirumani Central Marine Fisheries Research Institute, Full-time	Dr. V. Chandrika Scientist - S2 CMFRI, Cochin	Heterotrophic activity of bacteria in the Aquaculture ponds near Cochin.	Same as Topic
2.	V. Chellapandian Central Marine Fisheries Research	Dr. Mrs. S. Sivakami Scientist-S2	Taxonomy and distribution of eggs and larvae of	

1	2	3	4	5
	Institute, Cochin full-time	CMFRI, Cochin.	selected families of fishes from the Bay of Bengal and Arabian sea.	
3.	Saji Chacko Central Marine Fisheries Research Institute, Cochin full-time.	Dr. M. M. Thomas Scientist-S3 Krishi (Vigyan Kendra (CMFRI) Narakkal-682 505.	Influence of bivalve population on shrimp culture system.	--
4.	V. Baskaran Central Marine Fisheries Research Institute, Cochin, full-time	Dr. A. D. Diwan Associate Prof. & Scientist, CMFRI, Cochin 682 031.	Studies on the impact of DDT and BHC on some physiological aspects of <u>penacus indicus</u> .	--
5.	Panchanathan P.V. CESS, Trivandrum. Part-time.	Dr. T. Radhakrishna Scientist-C CESS Triyandrum.	H. Milne Edwards. Magnetic properties of basic dykes of Kerala and Tamilnadu Region.	same as topic

1	3	4	5
6.	Reji Mathew K Marine Products Export Development Authority Cochin Part-time	Dr. A. Mohandas Reader School of Environmental studies Cochin.	Parasites and Symbiants of Prawns. Not selected.
7.	Anilkumar N. National Institute of Oceanography, Cochin Part-time	Dr. Premchand K Scientist C Centre for Earth Science Studies Cochin.	Water masses Zonal Fluxes, mixing characteristics and Heat Budget in Central Indian Ocean.
8.	Beenamma Jacob National Institute of Oceanography, Cochin Full-time	Dr. Chandramohana-kumar, N. Lecturer, Chemical Oceanography Division, School of Marine Sciences,	Chemical Behaviour of major ions in the estuarine and nearshore waters.

1	2	3	4	5
9.	Ushakumari. B. National Institute of Oceanography, Cochin, Full-time	-do-	Food Chemistry of certain feeds of prawns.	--
10.	Jayasree G. Chemical Oceanography Division of School of Marine Sciences. Full-time.	Dr. Chandramohan-kumar, N. Lecturer Chemical Oceanography Environment Division School of Marine Sciences.	Trace Metals in Aquatic Environment	--
11.	Renuka M. R. Marine Biology Division of School of Marine Sciences Full-time.	Dr. V. J. Kuttyamma Reader in Marine Biology, School of Marine Sciences.	Studies on the crabs of kerala coast.	--
12.	Geetha P. Marine Biology Division of School of Marine Sciences,	Dr. N. Ravindranatha Menon Head, M.B. Division	Bionomics, Ecology and Toxicology of Bryzoans.	--

1	2	3	4	5
	Full-time	School of Marine Science.		
13.	Radha P. S. Marine Biology Division of School of Marine Sciences. Full-time	Dr. C. K. Radha-krishnan Lecturer M. B. Division School of Marine Sciences,	Haematology of Anabas - sp.	--
14.	Aparna Radhakrishnan. Marine Biology Division of School of Marine Sciences. Full-time	- do -	Physioecology of Estuarine Crab - scsarmasp.	Nat Selected
15.	Sunilkumar R. Marine Biology Division of School of Marine Sciences. full-time	Dr. A. Antony Reader, School of Marine Sciences.	Studies on the Mangrove Fauna of the Kerala coast.	--

2

3

4

5

16.	Davis K. J. Marine Geology Division of School of Marine Sciences Full-time	Dr. P. Seralathan Reader in Marine Geology, School of Marine Sciences.	Geochemistry of Major elements in Sediments from continental Shelf off Cochin.
17.	Ravindran P. Marine Geology Division of School of Marine Sciences. Full-time.	Dr. S. Lakshmanan Reader in Geology School of Marine Sciences.	Study of Achancoll River Sediments.
18.	Harikrishnan Nair Marine Geology Division of School of Marine Sciences. Full-time	Dr. K. T. Damodaran Reader & Head, Marine Geology Division, School of Marine Sciences.	A comparative study on the mineralogy and Chemistry of the opaque Placer Minerals of the Indian Coasts.

2

3

4

5

19.	Tara Menon. Marine Biology Division of School of Marine Sciences. Full-time	Dr. George Philip Professor, School of Marine Sciences.	Comparative Studies on a few enzymes from Marine Bacterium.
20.	Varghese C. P. Department of industrial Fisheries Part-time	Dr. M. Shahul Hamed Professor Department of Industrial Fisheries	Studies on the Beach Landing Craft for Indian Coast.
21.	Srinivasa Gopal. T. K. Dept. of Industrial Fisheries, Full-time.	Dr. C. Haridayanathan, Reader, Dept. of Industrial Fisheries	Studies on the Beach Landing craft for Indian Coast.

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

APPENDIX V

Appendix to Item No. 255.40

Venue

... Vice-Chancellor's Chamber
University Office
Cochin . 22.

Date & Time

... 11.30 A. M. - 4. 5. 1989

Present:

1. Dr. Harsh K. Gupta (In the Chair)
Vice-Chancellor
2. Prof. C. A. Abdussalam
Pro-Vice-Chancellor
3. Sri. T. N. Jayachandran
Commissioner & Secretary
Higher Education Department
4. Sri. Thiruvanchoor Radhakrishnan
Convenor, Standing Committee of
Syndicate on Finance & Purchase.
5. Sri. V. J. Pappo
Registrar
6. Sri. V. Radhakrishnan Nair
Finance Officer

The meeting commenced at 11.30 A. M. At the outset, the Chairman welcomed the members. The matters in the agenda were then taken up.

Item No. I: A General Review of the Finances of the University.

The difficult financial position indicated in the notes circulated were explained further by the Chairman. The Commissioner and Secretary then wanted that cautious approach should be there in adding to the recurring expenditure however small those may be. He also draw attention to the difficult financial position of the State Government. In this context, the Commissioner wanted uniform procedure and rules as far as possible among the Universities in the matter of regulating matters involving recurring expenditure and for this strengthening of the machinery of I. U. C. C. which is the common forum for such discussions. The Chairman assured that this University will consult I. U. C. C. on matters where general principles are to be laid down and well adhere to that.

In the Plan Sector, the Commissioner and Secretary required that details of assistance sanctioned by U. G. C. and the matching assistance required thereon from State Plan Grant be furnished to him so that

the actual minimum additional requirements under Plan Sector can be assessed. The Committee then resolved to recommend to Government the early release of balance grant in aid for 1987-88 and 1988-89 and to consider genuine additional requirements under Non-Plan and Plan Sectors for 1989-90.

**Item No. 2: Soil Analyst, School of Technology
Revision of the Scale of pay-reg.**

The Committee noted the details furnished in the notes circulated. The Commissioner and Secretary observed that it is not correct in principle to enhance the scale of pay applicable to an incumbent recruited with specific understanding as to the qualifications required and the scale of pay attached to the post. This aspect acquires more significance at this juncture as the recommendations of the Pay Commission appointed are expected shortly and will be applicable to the incumbent also. It was noted that the request was there from 1985 and had been pending for want of details and detailed study. The Committee then resolved that the matter be placed before Syndicate with the above facts for consideration.

Item No. 3: Request of Sri. P. K. Damodaran, Security Officer for the scale of pay of Deputy Commandant in the special armed Police

The details in respect of the Services of Sri. P. K. Damodaran under the University furnished in the notes were noted. The Commissioner and Secretary pointed out that as the incumbent is in the full time employment of the University as a University employee and not as a deputationist from State Service it is not correct to link benefits and other considerations available had he continued in the previous service with a view to extend additional benefit in the present post than available under rules. As it is explained that the incumbent is having his lien protected in State Service it was resolved to defer consideration of the matter at the time of implementation of the recommendation of the Pay Commission.

Item No. 4: Special allowance and remunerations for extra duty and holiday duty for various categories of employees - regarding.

It is noted that this is a matter requiring laying down of general principles and norms applicable in all

the Universities in the State and so it was resolved to recommend referring the matter to I. U. C. C. for advice.

Item No. 5: Extensions of the benefit of higher grade of Rs. 1250-2500 to 20% of the Section Officers (Clerical Cadre) to Typists Category - Consideration of

It was noted from the details furnished that this principle is now applicable in the University of Kerala only. The Commissioner and Secretary also pointed out that it is not correct in principle to extend the same benefits of the post of Section Officers (Assistant Category) to the post of Section Officers (Typist) as the mode of recruitment, promotional principles, nature of duty, etc. are not identical. It was then stated that this benefit has been understood to be available in Calicut University also. It was resolved then to recommend extending the benefit of Higher Grade of Rs. 1250-2500 to 20% of the Section Officers (Typist) if the same is available in University of Calicut also.

**Item No. 7: Department of Applied Chemistry
Creation of teaching post - rcg.**

The Commissioner and Secretary pointed out the anomalous position in the creation of a teaching post from University funds alone as all teaching posts in Universities are generally instituted on the basis of sanction and financial assistance from U.G.C. The circumstances under which the University had started the course of M.Tech (Bio Technology) was explained and also the fact that no faculty position has been sanctioned for the course. It was also brought to the notice of the Committee that an assistance of Rs. 10,00,000 has been received for the course for meeting expenditure on equipments. The Committee then resolved to recommend institution of a post of Lecturer in the Scale of Pay of Rs. 1300-2725 as a special case. The Committee also required that steps have been taken to avoid such requirements in future.

Item No. 9: Institution of 3 M. Phil. Scholarships for the M. Phil. Course in Applied Chemistry - Consideration of -

The Committee noted the details in the notes circulated and resolved to recommend institution of 3 M. Phil. Scholarships in the Department of Applied Chemistry.

Item No. 6 & 8: Creation of an additional post of Library Assistant Grade I in the Department of Ship Technology
...Additional requirements of non-teaching staff Consideration of

The additional requirements of Staff and the financial commitment involved was noted. In view of the cautious approach required in committing of additional recurring expenditure, the Committee required that each requirement be studied in detail by a Committee consisting of the Convenor, Standing Committee of Syndicate on Finance and Purchase, Registrar, Finance Officer and a representative of the Commissioner and Secretary, Higher Education Department and their recommendation placed before the next meeting of the Committee on 31-5-1989.

The meeting came to a close at 12.45 P. M.

Sd/
FINANCE OFFICER

APPENDIX VI

215

S.I. No.	Name of the applicant, Centre of Research, Whether full-time/ Part-time	Name of the guide Department of Law	Topic of Research	Title, if selected
1	K. Arul Department of Law Part-time	Dr. K. N. Chandrasekharan Pillai Reader, Department of Law.	Criminal Justice system in Pondicherry: A comparative critical study of the past and present.	NIL
2	Sebastian Paul M. Department of Law Part-time	Dr. V. D. Sebastian Professor, Department of Law	The Press Council and Freedom of the Press.	The Press Council - An Experiment in guarding free speech.

1	2	3	4	5
3.	Rajasekharan Nair G. Department of Law Part-time	Dr G. Sadasivan Nair Lecturer Department of Law.	Preventive detention Laws	Not selected.
4.	Thippa Reddy, R. Department of Law. Part-time	Dr. G. Sadasivan Nair Lecturer Department of Law	Legal Protection of Agrarian Workers.	Legal Protection of Agrarian Workers.
5.	Gopi, P. S. Department of Law. Part-time	Dr. A. M. Varkey Lecturer Department of Law	Administration of Labour Legislation in Kerala	Administration of Labour Legislation in Kerala.
6.	Pulla Reddy S. V. Department of Law Part-time..	Dr. A. M. Varkey Lecturer, Department of Law.	Legal Protection of Consumer interest	NIL

1	2	3	4	5
7.	Anie C. Kuruvilla Department of Law, Part-time.	Dr. A. M. Varkey Lecturer Department of Law	Legal Control over Advertising	NIL
8.	Krishnamsetty Venkata Ramana Murthy, Department of Law, Full-time	Dr. P. Leelakrishnan. Prof. & Head, Department of Law.	Coastal Zone management: Evolving Norms and Agencies.	NIE
9.	Sathyasseelan, A. Department of Law, Full-time	-do-	Administrative Tribunals and the Civil Servant	Administrative Tribunals and the Civil Servant.
10.	Madhavan Potty, M, Department of Law, Part-time	-do-	Legal Control of Marine Pollution	Legal Control of Marine Pollution

1	2	3	4	5
11.	Valson, M. C. Department of Law, Part-time.	Dr. R. Prasannan Commissioner (Rtd.) Public Men (Prevention of Corruption) Commission, Krishna Vilas, Kunnukuzhi, Trivandrum.	Rights of the Prisoner: An evolving jurisprudence	Rights of the Prisoner: An evolving juris- prudence.
12.	Thahakutty, V. M. Department of Law, Part-time	-do-	Protection against Self incrimination. A con- stitutional Bed rock of Criminal Jurisprudence.	Same as topic
13.	Paul Gomez Department of Law, Part-time.	-do-	Special leave petitions under Art. 136 of the constitution.	Not selected

APPENDIX - VIIAppendix to Item No. 255.44

Details of applicants who have been granted registration for doing research in the Department of Hindi under the Faculty of Humanities

Sl. No.	Name of the candidate and the Supervising Teacher	FT/PT	Topic
1	2	3	4
1.	Sobhana Kokkadan Dr. N. Raman Nair	FT	Hindi and Malayalam Kriyam ka Vyatiotki Sanrachanatmak Adhyayam.
2.	Issac. K. S. Dr. A. Ramachandra Dev.	FT	Dharmavir Bharati ka Srijanatmak Sahitya ... Ek Alochanatmak adhyayam.

1	2	3	4
3.	Francis, K. A. Dr. A. Ramachandra Dev.	FT	Ramesh Bakshi Ki Natya Kritiyam Ek Adhyayam.
4.	Saraswathy, K. V. Dr. P. V. Vijayan	PT	Poetical works of Kedarnath Agarwal - A critical study
5.	Usha, A. B. Dr. M. Easwari	PT	Mahadevi Ki Gadyarachayanem - Ek Alochanatmak Adhyayam.
6.	Varghese, A. U. Dr. A. Aravindakshan	FT	Hindi Rekhachitra Ek Vishleshanatmak Adhyayan - Mahadevi Varma aur Ramavrikshavenipuri ke Vishesh Sandarbh mein.
7.	Sebastian, K. A. Dr. A. Aravindakshan	FT	Sreekanth Varma - Vyaktitva aur Krittva,
8.	Vijaya Lekshmy Dr. L. Suneetha Bai.	FT	Ramacharitmanas ki sabdavli ka vishleshnatmak Adhyayam.

1	2	3	4
9.	Anirudhan, B. Dr. L. Suneetha Bai.	FT	Maithili Sharan Gupta aur Vallathol ke Kavyam mein Sanskritik chetana ka swaroop.
10.	Geetha, C. G. Dr. L. Suneetha Bai.	FT	Dwivediyugin kavya men Rashtriyata (evam Gandhivad) ka swaroop.
11.	James, V. C. Dr. Shahajan	FT	Samajik Pratibadatha ka swaroop - Premchand aur Gorkey ke upanyasom men.
12.	Sreedevi G. Dr. N. G. Devaki	FT	Kubernath Ray ke Lalith Nibandh.
13.	Rajeswari, N. Dr. N. G. Devaki	FT	Acharya Hazariprasad Drivedi ke nibandhom ki sanskritik Prishthabhoomi
14.	Berley, K. P. Dr. P. A. Shemim Aliyar	FT	Ramkumar Varma ke Ekankiyom ka Ek Adhyayan.

15.	Margret. V. G. Dr. P. A. Shemim Aliyar.	PT	Swatantryoother Hindi Natakam men Rajanaithik Moolya Bodh.
16.	Ajitha. K. Dr. P. A. Shemim Aliyar.	FT	Swathanthryoothar Hindi Natakam men Itthiaspuram ka Nayabhavabodh.

APPENDIX VIII

Appendix to Item No. 255.45

Details of candidates who have been granted registration for doing research under the Faculty of Social Sciences.

Sl. No.	Name of the candidates	PT/FT	Research guids	Topic
1	2	3	4	5
Department of Applied Economics				
1	Sankaranarayanan. V.	PT	Dr. K. K. George	Growth of Bank Deposits in India

1	2	3	4	5
2	Thamby. M. M.	FT	Dr. K. K. George	The Impact of Trade Unionism on Industrial Development of Kerala.
3.	Johnson. B.	PT	Dr. G. Antony	Nursing sick Industrial units - process and Problems.
4.	Cherian Paul Vazhapilly	PT	Dr. G. Antony	Evaluation of the Advertising strategies of commercial banks in India.
5.	Edison J. C.	FT	Dr. G. Antony	Social stratification and consumer behaviour in Kerala - A study with special reference to consumer durables.
6	Geethalakshmi. M.	FT	Dr. Mary Joseph T.	Problems and Prospects of small scale industries in Kerala Economy.
7	K. M. George.	FT	Dr. Mary Joseph T.	Economic impact of rural electrification in Kerala.

1	2	3	4	5
8	Narayan Lal C.	PT	Dr. Mary Joseph T.	The Oil seed economy of Kerala:
9	Molly Joseph	PT	Dr. Mary Joseph T.	Women and Rural Development
10	Lukose C. K.	FT	Dr. N. Chandrasekhara Pillai	District level planing in selected Indian States.
11	Ambili Kumar	PT	Dr. P. Sudarsanan Pillai	Management of Health Education: A study of the Socio-economic impact of health education and necessity of community participation in disease control programme in Kerala with special reference to control of filariasis in Shertallai Taluk.
12	Ajithkumar N.	PT	Dr. P. Sudarsanan Pillai	Technological changes and its impact on Rubber Plantation industry in Kerala - An Econometric Study

1	2	3	4	5
SCHOOL OF MANAGEMENT STUDIES				
13	Nandha B.	PT	Dr. Mary Joseph T.	Socio-Economic Factors influencing the persistance and control of filariasis in Kerala-A case study of Malayan Filariasis in Shertallai.
14	Salim M. H.	FT	Dr. N. Chandrasekharan Pillai	A study of the marketing practices of small scale industrial units in Kerala
15	Madhusoodan C. K.	PT	Dr. P. Sudarsanan Pillai	A Study of the Management of Devaswoms in Kerala.
16	Mohan P. Philip	PT	Dr. P. Sudarsanan Pillai	Management reporting practies in Public sector undertakings.
17	Philip Cherukara Koshy	PT	Dr. C. M. George	Manifestations and consequences of stress among executives in private sector enterprises.

1	2	3	4	5
18.	Aravindan Nair P. K.	PT	Dr. C. M. George	A study on Human Resource Development activities in Kerala.
19.	V. Rajeev Panicker	FT	Dr. G. M. George	An assessment of the working of welfare fund board in Kerala State.
20.	Bino Thomas	FT	Dr. C. M. George	Impact of 'Quality Circles' on Enterprise Level productivity.
21.	Asalatha K. R.	FT	Dr. C. M. George	Workers' Job Mobility.
22.	Muhammed Aslam M. K.	PT	Dr. P. R. Wilson	House Building and its impacts on personal Finance.
23.	Joy K.J.	PT	Dr. P. R. Wilson	Personal Finance of the Gazetted Officers in Kerala.

1	2	3	4	5
24.	Annam Alice K. A.	PT	Dr. P. R. Wilson	Finance Management - Financial planning for retirement.
25.	Jacob Thomas	PT	Dr. P. R. Wilson	Investment Decision in Public sector and private sector concerns in Kerala.
26.	Joseph K. X.	PT	Dr. P. R. Wilson	Economics of Poultry farming in Kerala.
27.	Kochuthressia M. M.	PT	Dr. N. Parameswaran Nair	Women and social changes in Kerala, with special reference to the post independence period.
28.	Ommen Mathew	PT	Dr. N. Parameswaran Nair	Industrial Sickness among medium and large scale industries in Kerala - an examination of causes and remedies.
29.	Jose E. C.	PT	Dr. K. C. Sankaranarayanan	Capital expenditure decisions in large scale private and public sector enterprises India - A comparative study.

APPENDIX - IXAppendix to Item No. 255.47

Details of candidates who have been granted registration for doing research under the Faculty of Technology

Sl. No.	Name of the applicant Centre of research Whether full-time/ Part-time	Name of guide	Topic of Research	Title, if selected
1	2	3	4	5
1.	Rosy Antony Regional Research Laboratory Trivandrum, Full-time	Dr. C. K. Sadasivan Pillai Head, Polymer Section Regional Research Trivandrum.	Polymer Science	Studies on the Polymerisation characteristics of Functionalised Biomonomers

1	2	3	4	5
2.	Venkataraman Chander Naval physical and Oceanographic Laboratory,	Dr. V. K. Aatre Director NPOL, Cochin	Array processing (Signal Processing)	Not selected
3.	Gopikakumari. R. Dept. of Electronics Full-time	Dr. C. S. Sridhar Professor Dept. of Electronics	Modelling and Simulation of Adaptive Lattice Filters.	Not selected
4.	Suma. N. Dept. of Polymer Science & Rubber Technology, Full-time	Dr. Rani Joseph, Reader Department of PS and RT.	Covulcanization of Elastomer Blends.	NIL
5.	Kiran. M. S. Dept. of Polymer Science & Rubber Technology, Full-time	-do-	Studies on multipurpose rubber compounding ingredients	NIL

1				
2				
3				
4				
5				
6.	Shanti. A. Avirah Dept. of Polymer Science & Rubber Technology. Full-time	Studies on Polymer bound antioxidants. NIL		
7.	Madhu. G. Dept. of Polymer Science & Rubber Technology. Part-time	Dr. K. E. George, Reader, Theological Studies Dept. of Polymer Science and Rubber Technology NIL		

Appendix XAppendix to item No. 255.48STAFF COUNCILRULES FOR ITS CONDUCT AND FUNCTIONINGI OBJECTIVES

1. To discuss the general and individual grievances if any of the employees and teachers of the University and to give suggestions and recommendations thereon for the consideration of the Syndicate.
2. To suggest improvements in the conditions of service and work of employees and teachers of the University except salary, allowances, pension and other monetary benefits.
3. To discuss matters on the welfare of the employees and teachers and suggest suitable measures.
4. The recommendations of the Staff Council where unanimous will normally be considered by the

Syndicate for possible be implementations. Where such recommendations are not accepted, the reasons for doing so shall be placed on record.

II MEETING

1. The Staff Council shall ordinarily meet once in every 4 months each year at the office of the University. The Council shall also meet at other times when required on requisition from a majority of members for discussing urgent matters of which due notice has been given.
2. The Chairman shall preside over the meetings of the Staff Council. In the absence of the Chairman, one the members of the Staff Council who is also the member of the Syndicate shall preside over the meeting.
3. The agenda of the meeting shall be items referred to the Staff Council by the Syndicate and Vice-Chancellor and those proposed by the members of the Staff Council coming under the objectives of the Staff Council.

4. The agenda notes shall be prepared by the University Office as has been done for the meetings of other statutory bodies of the University and shall be circulated by the Registrar to the members of the staff council with the approval of the Chairman and the Vice-Chancellor, at least 3 days in advance of the meeting in the case of ordinary meetings and at least on the previous day in the case of urgent meetings.
5. The Registrar, shall with the approval of the Chairman and the Vice-Chancellor shall issue notice for convening the meetings of the Staff Council.
6. One of the officers of the University deputed by the Registrar shall prepare the minutes of the meetings and present the same to the Chairman for approval.
7. The Chairman shall forward the same to the Registrar for circulation among the members of the Council and for taking appropriate steps for placing the same before the Syndicate with the approval of the Vice-Chancellor.

8. The Staff Council Secretary or any member of the Council shall not send letters/communications/circulars/notifications/ press statements etc. on items in the agenda or otherwise to any authority or to the members of the Staff without approval and authorisation by the Staff Council.
9. Communications from the Staff Council shall be addressed to the Registrar and Communications from the University to the Staff Council shall be addressed to the Chairman of the Council.
10. The notice for the ordinary meetings of the staff council shall be sent to the members at least 7 days prior to the date of the meeting and three days in the case of urgent meetings.
11. The quorum for the meeting of the Staff Council shall be 6 including the Chairman.
12. The members of the Staff Council shall be eligible for TA and DA as admissible to the members of the statutory bodies of the University.

Amendments to these Rules:

The Syndicate shall have the right to amend these rules in consultation with the Staff Council and approved by at least 6 members present in the meeting of the staff council where the amendment is considered.

APPENDIX - XI

Appendix to Item No. 255. 49

COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY

No. Ad. A3. 12/87

NOTIFICATION

The following ranked list of candidates selected for appointment to the post of Maintenance Engineer in the Department of Electronics in the scale of pay of Rs. 1950-2915 in the Class I Category vide notification No. Ad. A3/12/87 arranged in the order of merit, is published for information. This ranked list will remain in force for a period of two years from the date of publication.

Rank No.	Name	Date of Birth	Community
1	Jacob. M. V.	22.9.1943	Syrian Catholic
2	Gopi Menon.K.	31.10.54	Hindu Nair

University Buildings
Cochin-682 022

Sd/-

Dated 9.5.1989

REGISTRAR