

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Minutes of the 272nd meeting of the Syndicate held on 3.3.1990

Place of meeting : Administrative Buildings
Cochin-22

Time 11.00 a. m.

Members present:

1. Prof. C. A. Abdussalâm (in the Chair)
Pro-Vice-Chancellor-in-Charge
2. Dr. K. K. George
3. Prof. Joseph skariah
4. Shri\ Joseph Puthussery
5. Dr. P. N. Krishnan Nambisan
6. Dr. P. Leelakrishnan
7. Shri. G. K. Pillay
8. Dr. Paul A. Vatakencherry
9. Shri. A Thankappan
10. Shri. Thiruvanchoor Radhakrishnan

Also present: Shri V. J. Pappoo

Registrar.

Item No. 272.01: Confirmation of the minutes of the meeting of the Syndicate held on 17.2.1990.

Resolved that the minutes of the meeting of the Syndicate held on 17.2.1990 be confirmed subject to the following amendments; viz.,

(i) The word 'requested' occurring in the second line in the resolution quoted under Item No. 271.01 (ii) be replaced with the word 'directed'.

(ii) The resolution quoted at the end of Item No. 271.01 be modified as under:

"Resolved that the various steps taken by the Vice-Chancellor for the successful conduct of the Scientific Congress as in the minutes of the meeting of the Executive Committee held on 20.1.1990 as appended be approved."

(iii) The words 'preferably around 5% of the cost of the equipment be added at the end of the resolutions under Item No. 271.22. and 271.23

Item No. 272.02: Report of the Vice-Chancellor on important Developments in the University since the last meeting.

1. A. Central Government assistance of Rs. 1.9 crore has been sanctioned to the University for starting a new M. Tech. degree course in Marine Geophysics. Jointly sponsored by the Department of Ocean Development (DOD) and the University Grants Commission (UGC) this 6 Semester course will be run by the Marine Geology Division of the School of Marine Sciences. This is the only DOD - UGC sponsored M. Tech. course in Marine Geophysics in India.

2. The Department of Electronics (DOE), Government of India has approved starting of a 3-Years Masters course in Computer Applications (MCA) at the University Department of Mathematics & Statistics. A nonrecurring grant of Rs. 5 lakhs has been sanctioned by DOE. In addition, the UGC will also provide grant for recurring expenses.

3. A short-term Institute in Electronics was inaugurated in the Department of Electronics on 27th February, for the benefit of Physics teachers deputed by the Directorate of Collegiate Education, Trivandrum.

Item No. 272.03: Ph. D. thesis entitled "studies on Nemipterid Fishes (Pisces - Nemipteridae) of Cochin Coast"

submitted by Smt. Sophy John T.
**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 "STUDIES ON NEMIPTERID FISHES (PISCÉS : NEMIPTERIDAE) OF COCHIN COAST" submitted by Smt. Sophy John T. Part-time research student who worked under the guidance of Prof. (Dr) M. Shahul Hameed, Head of the Department of Industrial Fisheries of the University.

Resolved that Smt. Sophy John T. be declared eligible for the award of Doctor of Philosophy under the Faculty of Marine Sciences for her thesis "STUDIES ON NEMIPTERID FISHES (PISCÉS : NEMIPTERIDAE) OF COCHIN COAST".

Item No. 272.04: **Ph. D. thesis entitled "Some Lattice problems in Fuzzy set**

Theory and Fuzzy Topology" submitted by Shri. S. Babu Sundar 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 "SOME LATTICE PROBLEMS IN FUZZY SET THEORY AND FUZZY TOPOLOGY" submitted by Shri. S. Babu Sundar, part-time research student who worked under the guidance of Dr. Thrivikraman, Head of the Department of Mathematics and Statistics of the University.

Resolved that Shri. Babu Sundar be declared eligible for the award of the Doctor of Philosophy under the Faculty of Science for his thesis "SOME LATTICE PROBLEMS IN FUZZY SET THEORY AND FUZZY TOPOLOGY".

(E.A.)

Item No. 272.05: **Ph. D. Registration-Joseph M. A. Application Consideration of**

The Syndicate considered along with the recommendation of the Standing Committee on Academic Matters, the application from Shri. M. A. Joseph, Arackal Konnothady Central P. O., Vellathooval, who has been selected for the award of CSIR SRP, for granting full-time registration for doing research leading to the award of Ph. D. degree of the University on the topic "Studies on Silicone Polyurethane Semi-interpenetrating Polymer Networks" under the guidance of Dr. Joseph Francis in the Faculty of Technology.

Resolved that Shri. Joseph M. A. be granted full-time registration for doing research leading to the award of Ph. D. degree of the University on the topic "Studies on Silicone Poly-Urethane Semi interpenetrating Polymer Networks" under the guidance of Dr. Joseph Francis in the Department of polymer Science and Rubber Technology under the Faculty of Technology.

**Item No. 272.06: B. Tech. degree Examination
Scrutiny Board Rate of remuneration
Fixing of.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for fixing the rate of remuneration.

Scrutiny of question papers for members and Chairman of the Scrutiny Board for the Scrutiny of question papers of the B. Tech degree examination.

Resolved that the members and Chairman of the Scrutiny Board be paid, for the time being remuneration at the rate of Rs. 60/- per paper and Rs. 90/- per paper respectively.

Resolved further that uniform rates be fixed after ascertaining the rates prevalent in other Universities in Kerala.

(Ac.)

**Item No. 272.07: Ph. D. registration Shri.
Ajakumar. V. Application Consideration of-**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Shri. Ajakumar V., kumara Sadanam Mannathala P. O., Trivandrum for granting re-registration for doing part-time research leading to the award of Ph. D. degree

Resolved that Shri. Ajakumar V. be directed to apply for re-registration at the time of admission of the next batch of students for Ph. D. programme.

(Ac.B)

Item No. 272.08: Instructions for sponsoring officers and employees for training/fellowship/assistantship and other awards for higher studies/research etc. and for participation in Seminar/Workshop etc. abroad Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the procedure prescribed by the Kerala Government vide Circular No. 6551/E1/89/P & ARD dated 2.6.1989 for sponsoring employees of the State Government for various training / fellowship / seminar etc. for adoption in the University.

Resolved that the matter be deferred for detailed consideration.

Item No. 272.09: Renewal of annual maintenance contract for Sirius 32 Computer System and Maintenance Contract for Wipro Computer System.

The Syndicate considered along with the recommendation of the Standing Committee on Finance & Purchase the proposal of the Head, Department of Computer Science

(1) renew annual maintenance contract for the Sirius 32-Computer System installed by M/s. PSI Data System Ltd. for a period of one Year w. e. f. 1.11.1989 to 31.10.1990 at a cost of Rs. 1,26,270/- and (2) for entering into maintenance contract with M/s. Wipro Information Technology Limited for a period of 3 years from 30.12.1988 to 29.12.1991 for maintaining the Computer System supplied by them at a total cost of Rs. 2,33,900/-.

Resolved that the Head of the Department be asked to negotiate with the firms for further reducing the cost of the maintenance contracts as the maintenance contracts entered into in many other cases recently were at rates around 5% of the total cost of equipments.

Resolved further that the Vice-Chancellor be authorised to take appropriate decision on receipt of the report of the Head of Department in the matter.

(PLA)

Item No. 272.10: Dr. P. Sudarsanan Pillai, Lecturer School of Management Studies Request for protection and fixation of pay - Reg

The Syndicate considered, along with the recommendations of the Standing Committees on Finance & Purchase, and Staff and Establishment, the request of Dr. P. Sudarsanan Pillai, Lecturer, School of Management Studies of the University to review the decision taken by the Syndicate earlier fixing his initial basic pay and to grant him higher initial pay.

Resolved that Dr. Sudarsanan Pillai be granted a starting pay of Rs. 1375/- on 1.7.1983 in the revised scale, as a special case, with the benefit of monetary arrears from 1.4.1985, the date from which arrears were payable as per revision of scales of pay

Item No. 272.11: Construction of a Compound Wall around the Departments of School of Management Studies, Hindi and Mathematics.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the Plan and Estimate for constructing a compound wall on the front area of the School of Management Studies and the Department of Hindi on the sides of the University road at an estimated cost of Rs. 72,000/-.

Resolved that the estimate amounting to Rs. 72,000/- for construction of a compound wall in the front area of the School of Management Studies and the Department of Hindi on the sides of the University road in front of these Department be approved.

Resolved further that the University Engineer be directed to forward a priority list of all construction works proposed to be undertaken by the University in the near future.

(PLA)

Item No. 272.12: Purchase of equipments utilising MHRD grant for the project on Biotechnology Action taken by the Vice-Chancellor Ratification of.

The Syndicate noted the action of the Vice-Chancellor in having granted purchase of Freeze Dryer Vacuum Pump and accessories at a cost of Rs. 1,27,504/ from M/s. Bionics Equipments Pvt. Ltd., Madras for the Department of Applied Chemistry meeting the expenditure sanctioned by the Ministry of Human Resources Development, Government of India.

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

(PLA)

Item No. 272.13: Purchase of equipment utilising MHRD grant Action taken by the Vice Chancellor Ratification of Reg.

The Syndicate noted the action of the Vice-Chancellor in having sanctioned purchase of one number CO 2 CW laser head from M/s Photen Interactions Alexandria USA at a cost of US \$ 22300 (Rs. 3,80,000 approximately) for the School of Technology meeting the expenditure from the Grant sanctioned by the Ministry of Human Resources Development, Government of India for the project "Investigations on Micromachining using CO 2 Laser System".

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

Item No. 272.14: Model Engineering College at Thrikkakara Clarification given by the combined meeting of the Board of Studies in Engineering and Faculty of Engineering approval by the Vice-Chancellor Ratification of Reg.

The Syndicate noted the action of the Vice-Chancellor in having approved the following clarification offered at the combined meeting of the Board of Studies in Engineering and Faculty of Engineering in respect of the Regulation and the Scheme of Examination of the B. Tech Programme offered at the Model Engineering College, Thrikkakara.

1. There shall be only single valuation for the B. Tech semester examination.
2. There shall be a 'Scrutiny Board' for scrutiny of question papers for the examination for the first two batches. All members of the Scrutiny Board shall be external to the Model Engineering College. The Chairman, Board of Studies/Dean shall recommend membership of the Scrutiny Board of the University.
3. The revaluation Rules for these programmes shall be the same as those exist for other B. Tech. programmes offered by the University.
4. There shall be no provision for cancellation or withdrawal from the University examinations not shall there be any provision for 'Improvement' of marks for projects already passed.
5. Condonation of shortage in attendance of upto 10% is admissible only once during the entire course.

as is the case with other B.Tech programmes offered by the University.

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

**Item No. 272.15: School of Marine Sciences - Installation of one additional telephone
Action taken by the Vice-Chancellor Ratification of Reg.**

The Syndicate noted the action taken by the Vice-Chancellor in having sanctioned installation of one more telephone for the School of Marine Sciences under the General category in view of the large number of staff and students in the Department

Resolved that the action taken by the Vice-Chancellor be ratified.

Item No. 272.16: Construction of a multistoreyed building at the Lakeside campus

The Syndicate considered, along with the recommendation of the Standing Committee on Works the proposal to award the work of architectural and consultancy work

of the construction of a multi-storeyed building at the Lakeside campus of the University with M/s. L. B. S. Centre, Trivandrum.

Resolved that proposals for the preparation of architectural designs for the construction of a multi-storeyed building at the Lakeside Campus be invited also approved Architectural firms before taking a final decision in the matter.

Resolved further to authorise Shri. G. K. Pillay, Member, Standing Committee of the Syndicate on Works to suggest a Panel of approved architects for the purpose.

(PL)

Item No. 272.17: Dr. Jacob Philip, Reader, Department of Physics - Extension of leave Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request from Dr. Jacob Philip, Reader, Department of Physics for granting him Half Pay Leave for 80 days w. e. f. 1.2.1990 to 21.4.1990 and Leave Without Allowances for 9 days from 22.4.1990 to 30.4.1990 suffixing annual vacation in May and June, 1990

In continuation of the leave sanctioned to him earlier for carrying out academic work as Humboldt Fellow West Germany.

Resolved that Dr. Jacob Philip be granted Half pay leave for 80 days w. e. f. 1.2.1990 to 21.4.1990 and Leave Without Allowance for 9 days w. e. f. 22.4.1990 to 30.4.1990 with permission to suffix annual vacation May and June, 1990.

(Ad.D)

Item No. 272.18: **Shri. S. Babu Sunder, Lecturer, Department of Mathematics and Statistics-conversion of leave without allowances to leave with salary. Request for-**

The Syndicate considered, along with the recommendation of the Standing Committee on Staff and Establishment, the request from Shri. S. Badu Sundar, Lecturer (on leave) Department of Mathematics and Statistics converting the leave without allowances sanctioned to him for undergoing the M. Tech. programme as leave with Salary.

Resolved that the request from Shri Babu Sunder be deferred.

(Ad.D)

Item No. 272.19 **Ph. D. Registration Applications- Consideration of.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the application from M/s Baby Thomas, Yamuna Devi S, and Karthikeyan P., who have been selected by the UGC for undergoing Ph. D. programme under FIP, for granting registration for research.

Resolved that Shri. Baby Thomas, Smt. Yamuna Devi S. and Shri. Karthikeyan P. be granted registration for research as in Appendix I.

(Ac.B)

Item No. 272.20. **Winding up the Foundation for Management Education and reinstating Mr. M. T. Rajan in the University service - Reg.**

The Syndicate considered, along with the recommendation of the Standing Committee on Staff and Establishment, the report of the sub-committee constituted to study the residuary matters arising out of winding up of the Foundation for Management Education.

Resolved that Shri M. T. Rajan who was working as Typist in the Foundation for Management Education already

would up be offered the post of L. D. Typist/Stenographer in the University with two advance increments, as a special case, without affecting the seniority of any of the present employees in the University and also relaxing the minimum qualifications for the post of L. D. Typist/Stenographer in the University on condition that he be not eligible for any pensionary benefits from the University and undertakes himself in writing that he would accept the the above conditions and the terminal benefits and arrears of salary, if any, for the period of service put in by him in the Foundation for Management Education offered by the Foundation from its own funds as decided by Governing Body of the Foundation.

(Ad.A)

Item No. 272.21: Ph. D thesis entitled "Adhunik Hindi Kavitha mein Kavya Chintan Gaveshanatmak Adhyayan Chayavad Se Nai Kavitha Tak" submitted by Smt. Santhi C. 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 report of the Examiners, together with

Consolidated report of the Chairman, Board of Examiners and the minutes of the viva voce examination in respect of the Ph.D. thesis "ADHUNIK HINDI KAVITHA MEIN KAVYA CHINTAN GAVESHANATMAK ADHYAYAN - CHAYAVAD SE NAI KAVITHA TAK" submitted by Smt. Santhi C, part-time research student who worked under the guidance of Dr. P. V. Vijayan, Professor, Department of Hindi of the University.

Resolved that Smt. Santhi C. be declared eligible for the award of Doctor of philosophy under the Faculty of Humanities for her thesis "ADHUNIK HINDI KAVITHA MEIN KAVYA CHINTAN : GAVESHANATMAK ADHYAYAN - CHAYAVAD SE NAI KAVITHA TAK".

(E.A.)

Item No. 272.22: Ph. D. thesis entitled "Role of Trace Elements on the growth and physiology of selected Microalgae" submitted by Smt. S. Srisudha - 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 report 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 "ROLE OF TRACE ELEMENTS ON THE GROWTH AND PHYSIOLOGY OF SELECTED MICROALGAE" submitted by Smt. S Srisudha, full-time student who worked under the guidance of Dr. P. V. Ramachandran Nair, Joint Director (Retd.) CMFRI, Cochin.

Resolved that Smt. S. Srisudha be declared eligible for the award of Doctor of Philosophy under the Faculty of Marine Sciences for her thesis "ROLE OF TRACE ELEMENTS ON THE GROWTH AND PHYSIOLOGY OF SELECTED MICROALGAE".

(E.A.)

Item. No. 272 23: **Ph. D. thesis entitled "Analytical applications of Natural rubber Formulation" submitted by Smt. Susan Varkey - 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 report 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 "ANALYTICAL APPLICATIONS OF NATURAL RUBBER FORMULATIONS" submitted by Smt. Susan Varkey, full-time research student who worked under the guidance of Dr. V. N. Sivasankara Pillai, Reader, Department of Applied Chemistry of the University.

Resolved that Smt. Susan Varkey be declared eligible for the award of Doctor of Philosophy under the Faculty of Science for her thesis "ANALYTICAL APPLICATIONS OF NATURAL RUBBER FORMULATION".

(E.A.)

Item No. 272.24: Ph. D. thesis entitled "A study of the physical and Engineering Behaviour of Cochin Marine Clays", submitted by Shri. Babu T. Jose 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 report 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 "A STUDY OF THE PHYSICAL AND ENGINEERING BEHAVIOUR OF COCHIN MARINE CLAYS" submitted by Shri Babu T. Jose, Part-time research student who worked under the guidance of Dr. K. K. Punnoose, Professor, M A. College of Engineering, Kothamangalam.

Resolved that Shri Babu T. Jose be declared eligible for the award of Doctor of Philosophy under the Faculty of Technology for his thesis "A STUDY OF THE PHYSICAL AND ENGINEERING BEHAVIOUR OF COCHIN MARINE CLAYS".

(E.A.)

Item No: 272.25: Ph. D. thesis entitled "studies on the effect of the Organophosphorus pesticide Ekalux EC 25 on the Bacterial Flora of Villorita Cyprinoïdes Var Cochinesis (Hanley) submitted by Smt. Sreekumari K. R. 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 report 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 "STUDIES ON THE EFFECT OF THE ORGANOPHOSPHORUS PESTICIDE EKALUX EC 25 ON THE BACTERIAL FLORA OF VILLORITA, CYPRINCIDES VAR COCHINENSIS (HANLEY)" submitted by Smt. Sreekumari K. R., full-time research student who worked under the guidance of Dr. P. Lakshmana Perumalsamy, Reader, Department of Environmental Science, Bharathiar University Coimbatore.

Resolved that Smt. Sreekumari K. R. be declared eligible for the award of Doctor of philosophy under the Faculty of Marine Sciences for her thesis "STUDIES ON THE EFFECT OF THE ORGANOPHOSPHORUS PESTICIDE EKALUX EC 25 ON THE BACTERIAL FLORA OF VILLORITA CYPRINOIDES VAR COCHINENSIS (HANLEY)".

(E.A.)

The meeting came to a close at 2.00 p. m.

University Buildings

(Sd/-)

Cochin 22

16.3.1990

REGISTRAR

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APPENDIX I TO ITEM NO. 272.19
STATEMENT OF APPLICATIONS FOR REGISTRATION FOR RESEARCH LEADING TO PH. D. DEGREE

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.	Baby Thomas Department of Applied Economics Full-time	Dr. D. Rajasenan	Faculty of Social Sciences Time lag and cost overrun in the Public Sector undertaking with special reference to the Hydro Electric Projects.	Time lag and cost over run A case study with special reference to the Hydroelectric Projects.
2.	Yamuna Devi, S Department of Applied Economics Full-time.	Dr. D. Rajasenan	Faculty of Social Sciences Methods of Resource Mobilization and their impact on the Economy with reference to Kerala.	Not selected
3.	Karthikeyan P. Chemical Oceanography Division Full-time	Dr. P. N. K. Nambisan	Faculty of Marine Sciences Studies on Trace Metal Toxicity.	Not selected