

**COCHIN UNIVERSITY OF SCIENCE AND  
TECHNOLOGY**

Minutes of the 321<sup>st</sup> meeting of the Syndicate held  
on 28-12-1992

Place of meeting : Administrative Buildings  
Kochi-682 022.

Time : 11.00 a.m

Members present:

1. Dr. S. Balaraman  
Pro-Vice-Chancellor (in the Chair)
2. Dr. K. G. Balakrishnan
3. Shri. Binoy Viswam
4. Dr. P. Leelakrishnan
5. Shri. K. R. Prasad
6. Shri. S. Sarma
7. Dr. M. Shahul Hameed
8. Shri. P. Subramonia Iyer
9. Dr. P. V. Vijayan

Also present: Shri. S. Meeran Maluk Mohamed, Registrar.

Item No. 321.01: Confirmation of the minutes of the meeting  
of the Syndicate held on 5-12-1992.

Resolved that the minutes of the meeting of the  
Syndicate held on 5-12-1992 be confirmed subject to the  
following emendations.

i) The word 'Amendations' occurring in the second  
line of the 1st paragraph under item 320 02 be corrected as  
'emendations'.

ii) The report of the Vice-Chancellor occurring under  
Sl. No. 5 of item 320,03A be modified as under.

The Vice-Chancellor reported that the Department of  
Science and Technology, Government of India has approved  
the proposal for constructing a Science Seminar Com-  
plex in the University. The maximum partial finance assist-  
ance agreed to by the DST for this project is Rs. 100lakhs.

iii) The 1st paragraph under item 320.03B be num-  
bered as '(a)'

iv) The minutes under item No. 320 03B (vi) be  
modified as under:

"Resolved that the proposal of the Committee consi-  
sting of the Vice-Chancellor, Head of the Department of  
Law, and the Dean, Faculty of Law based on the decision  
taken in the Departmental Council of the Department of  
Law to change the specialisation of the post of Reader  
in Labour Law to Maritime Law/Commercial Law be reco-  
mmended to the Academic Council".

v) Delete the words "prepared by the Kerala State  
Nirmithi Kendra" occurring in the first para of (c) under item  
320.03B.

vi) The 2nd, 3rd and 4th paragraphs under item No.  
320 03B (c) be deleted and the following be inserted instead.

The Syndicate resolved to approve the draft of the  
memorandum of understanding (MOU) received from the DST  
for establishing the Seminar Complex and authorised the Vice-  
Chancellor to sign the MOU.

Resolved further to negotiate with Kerala State  
Nirmithi Kendra.

vii) Delete the words "appointed as Architect" from the  
second line and insert "included in the panel of Architects" in  
the first paragraph under item 320.03B (d).

viii. The word 'but' be inserted between the words 'score' and 'without' in the p nultimate line of the 3rd paragraph under item 320 07.

ix) The word 'mad' occurring in the second line of the resolution under item 320 38 be corrected as 'made'.

x) The resolution under item 320.42 be modified as under:

'Resolved that the report be accepted. The Syndicate noted that the building component grant sanctioned by the UGC is only Rs. 21/-lakhs for the M.Sc. Tech in Marine Geophysics Also resolved to meet the remaining cost 'of the multi-storeyed building at the Lakeside campus from the State Plan grant staggered in the next two years'.

xi) The resolution under item 320.59 be modified as under:

'Resolved that Smt P. Rajalakshmi Amma be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Environmental Studies for her thesis "Studies on the Toxic Effects of Selected Heavy Metals in the Freshwater Mussel, Lamellidens Corrianus (LEA)".

xii) The following be inserted as title after the minutes recorded under item No. 320.67.

'Decisions taken during xero hour'

xiii) The following minutes be added after the minutes recorded under item No. 320.68

Item No 320.69: Erection of Generator donated by wilhem Pieck University. Rostock-reg.

The Syndicate considered the proposal for taking necessary action for erecting the generator set donated by the wilhem Pieck University, Rostock as early as possible.

Resolved that the generator set be commissioned as early as possible and that necessary help be sought for from

the Cochin Shipyard Ltd., if required.

(PLA)

Item No. 321.02 : Report of the Vice-Chancellor on important developments in the University since the last meeting.

As the Vice-Chancellor was not present at the meeting no Report was made.

Item No. 321.03 : Ph.D. thesis entitled "Dynamics of some Environmentally significant pesticides in a Tropical Water way- A Toxicological approach" submitted by smt. Sujatha C. H. Evaluation reports and minutes of Viva Voce Examination- Consideration of

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual report of Examiners, together with the consolidated report of the Chairman, Board of Examiners and the minutes of viva voce examination in respect of the Ph. D. thesis submitted by Smt. C. H. Sujatha, full-time research student who worked under the guidance of Dr. Jacob Chacko, Reader, School of Marine Science of the University.

Resolved that Smt. C. H. Sujatha be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for her thesis "DYNAMICS OF SOME ENVIRONMENTALLY SIGNIFICANT PESTICIDES IN A TROPICAL WATER WAY - A TOXICOLOGICAL APPROACH".

(E. A)

Item No. 321.04 : Ph D. thesis entitled "Biogeo - organics in the sedimentary Environments of Cochin Estuary" submitted by Shri. Vasudevan Nayar, T. - Evaluation reports and Minutes 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 Viva voce examination in respect of the Ph. D. thesis submitted by Shri. T. Vasudevan Nayar part-time research student who worked under the guidance of Dr. Chandramohanakumar Lecturer, School of Marine Sciences of the University.

Resolved that Shri T. Vasudevan Nayar be declared eligible for the award of the Degree of Doctor of Philosophy under the Faculty of Marine Sciences for his thesis "BIOGEO-ORGANICS IN THE SEDIMENTARY ENVIRONMENTS OF COCHIN ESTUARY."

(E.A.)

Item No. 321.05: Ph D. thesis entitled "Interactive Effects of Binary Mixtures of Metals on an Estuarine Clam Assessment and Kinetics" submitted by Smt. Geetha T. S. - Evaluation Reports and minutes of Viva Voce Examination - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual report of Examiners, together with the consolidated report of the Chairman, Board of Examiners and the minutes of viva voce examination in respect of the Ph. D. thesis submitted by Smt. Geetha T. S., full-time research student who worked under the guidance of Dr. Jacob Chako, Reader, School of Marine Sciences of the University.

Resolved that Smt. T. S. Geetha be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for her thesis "INTERACTIVE EFFECTS OF BINARY MIXTURES OF METALS ON AN ESTUARINE CLAM ASSESSMENT AND KINETICS."

(E.A.)

Item No 321 06: Ph.D. thesis entitled "Optical and thermal properties of selected Ternary Amorphous semiconductors" submitted by Shri Nandakumar, K. - Evaluation reports and Minutes 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 viva voce examination in respect of the Ph. D. thesis submitted by Shri K. Nandakumar, full-time research student who worked under the guidance of Dr. Jacob Philip, Professor, Department of Physics of the University.

Resolved that Shri K. Nandakumar be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Science for his thesis "OPTICAL AND THERMAL PROPERTIES OF SELECTED TERNARY AMORPHOUS SEMICONDUCTORS."

(Exam.A)

Item No. 321 07: Ph.D. thesis entitled "Studies on Integrability and Chaotic Behaviour of Certain Nonlinear Systems" submitted by Shri M. P. Joy Evaluation reports and minutes 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 viva voce examination in respect of the Ph. D. thesis submitted by Shri M. P. Joy, full-time research student who worked under the guidance of Dr. M. Sabir, Professor, Department of Physics of the University.

Resolved that Shri M. P. Joy be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Science for his thesis "STUDIES ON

**INTEGRABILITY AND CHAOTIC BEHAVIOUR OF CERTAIN NONLINEAR SYSTEMS"**

(Exam A)

Item No. 321 08 : Ph. D thesis entitled "Covulcanisation of Elastomer Blends with Special Reference NR/IIR and NR/EPDM Blends submitted by Smt. N. Suma-Evaluation reports and minutes of viva voce examination Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters the individual report of Examiners together with the consolidated report of the Chairman, Board of Examiners and the minutes of viva voce examination in respect of the Ph D. thesis submitted by Smt. N. Suma, full-time research student who worked under the guidance of Dr. Rani Joseph, Reader, Department of Polymer Science and Rubber Technology of the University.

Resolved that Smt N. Suma be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Technology for her thesis: "COVULCANIZATION OF ELASTOMER BLENDS WITH SPECIAL REFERENCE NR/IIR AND NR/EPDM BLENDS."

(Exam. A)

Item No. 321 09 : School of Management Studies - Applications for registration to research leading to the Ph. D. Degree - Consideration of.

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

Resolved that Ph. D registration be granted to four candidates as in Appendix 1.

Also resolved that in the case of Sri. Sreerappanathan Nair the University may ascertain the facilities available at the Indian Bank for doing research.

(Ac.B)

Item No. 321.10: Cancellation of Ph. D. registration granted to Shri Pius Stephen Padayatti, Research Scholar in the School of Marine Sciences.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Shri Pius Stephen for cancelling the Ph.D. registration w.e.f. 5-9-1991 in view of his having joined as Junior Research Fellow under the DAE sponsored Research project.

Resolved that the proposal be returned to the Standing Committee of the Academic Council for its comments to be submitted to the Syndicate. Further resolved, that the circumstances under which this has happened may be enquired into.

(Ac.B)

Item No. 321.11: Recognition as Research Guide-Application of Dr. C. K. Anandan-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Dr. C. K. Anandan, Lecturer, Department of Electronics for granting him recognition as Supervising teacher under the Faculty of Technology.

Resolved that Dr. C. K. Anandan, Lecturer, Department of Electronics be recognised as Supervising teacher under the Faculty of Technology.

(Ac.B)

Item No 321.12: Change of Supervising Guide.

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

request from Shri Augustin Antony, who was granted full-time registration for doing research leading to the award of Ph. D. degree under the guidance of Dr. George Philip for changing the supervising guide to Dr. Babu Philip in view of the demise of the former.

Resolved that Dr Augustin Antony be permitted to change the supervising guide and to continue his research under the guidance of Dr Babu Philip, Reader in Biochemistry, School of Marine Sciences.

(Ac B)

Item No. 321.13: Recognition of Degrees/Diplomas awarded by Indira Gandhi National Open University-  
Req

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for declaring equivalence of various degrees/diplomas awarded by Indira Gandhi National Open University to the corresponding degree/diplomas awarded by the Cochin University of Science and Technology.

Resolved that the certificates, of diplomas/degrees awarded by Indira Gandhi National Open University be treated as equivalent to corresponding awards of the Cochin University of Science and Technology.

(Ac A)

Item No. 321.14: Shri. Meeran Maluk Mohamed, Registrar-  
Protection of pay last drawn-Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment and Finance & Purchase, the proposal for fixing the initial pay of Shri S. Meeran Maluk Mohamed from the date of his assumption of charge as the Registrar of the University.

Resolved that the initial pay of Shri. S. Meeran Maluk Mohamed be fixed at Rs. 5,400/-w.e.f. 1-10-1992 in the scale of pay of Rs. 4500-7300.

The decision was taken in the absence of Shri Meeran Maluk Mohamed, Registrar.

(Ad A)

Item No. 321.15: Application for leave without allowances for taking up employment abroad -  
Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request from Shri. K. K Bakker, Assistant Grade-II, Engineering Department for sanctioning him leave without allowances for a period of five years from the date of avail for taking up employment abroad.

Resolved that Shri. K. K. Bakker, Assistant Grade-II, Engineering Department be sanctioned leave without allowances for five years from the date of avail as per the Rules governing grant of such leave.

(Ad A)

Item No. 321.16: Request from Mr. Abdu. E. A., Overseer Grade II, Department of Engineering to grant him LWA for 5 years to take up employment abroad-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment the request from Shri. E. A. Abdu, Overseer Grade II, Department of Engineering for sanctioning him leave without allowances for a period of five years from the date of avail for taking up employment abroad

Resolved that Shri. E. A. Abdu, Overseer Grade II, Engineering Department be sanctioned leave without allowances for five years from the date of avail as per the Rules governing grant of such leave.

(Ad A)

Item No 321.17: Plan Scheme "Modernisation and Removal of Obsolescence of Laboratories and workshops"-Purchase of Equipments Request for meeting the over expenditure due to the devaluation of Indian rupee- Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase the action of the Vice-Chancellor in having sanctioned the purchase of various items of equipment at a total cost of Rs. 12,78,064/- for implementation of the Plan Scheme "Modernisation and Removal of Obsolescence of Laboratories and workshops" sanctioned by the Ministry of Human Resource Development, Government of India for the Department of Applied Chemistry.

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

Further Resolved to permit the Head of the Department of Applied Chemistry to meet the excess expenditure of Rs. 78,064/- from the plan funds allotted to the Department under purchase of equipment.

(PLB)

Item No. 321.18: Construction of a compound wall around E1 and F1 Type Quarters.

The Syndicate noted the action of the Vice-Chancellor in having awarded the work of construction of a compound wall around E1 and F1 type quarters to Shri T. K. Vinod Kumar, at his quoted rate of 24.8% above the estimate rate and the debar Shri P. J. Jagal from undertaking University work after forfeiting his E.M.D.

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

(PLA)

Item No 321 19 : The Project "Development of Magnetic Elastomer Matrices based on Ferrites"-implementation of the project-Action taken by the Vice-Chancellor Reporting of - Reg.

The Syndicate noted the action of the Vice-Chancellor in having implemented the project "Development of Magnetic Elastomer Matrices based on Ferrites" sanctioned by the Department of Science and Technology and Environment, Government of Kerala with the principal investigatorship of Dr. M. R. Anantharaman for a period of three years with a financial outlay of Rs. 25,000/- for each year.

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

(PLB)

Item No. 321.20: Leave granted to Dr. C. Sudha Kartha, Lecturer, Department of Physics-Reporting of. Reg.

The Syndicate noted the action of the Vice-Chancellor in having sanctioned leave for 42 days under Rule 101, Part I, KSR to Dr. C. Sudha Kartha, Lecturer, Department of Physics.

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

(Ad D)

Item No.321.21: Special recruitment from among SC/ST/Vacancies caused due to vacation of candidates appointed earlier-Filling up of resultant vacancy-G. O. containing clarification-Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for adopting for implementation in the University G.O. (MS) No. 268/92/GAD dated 15-7-1992 relating to filling up of vacancies caused due to vacation of candidates appointed

earlier against the posts reserved for special recruitment from SC/ST community.

Resolved that the G. O (MS) No 268/92/GAD dated 15-7-1992 be adopted in the University subject to the following conditions.

- 1) The vacancies arising out of resignation, relief, or otherwise during the validity period of the rank list be filled up by the next person in the list.
- 2) If there is nobody else in the rank list the post shall have to be readvertised as reserved for SC/ST.
- 3) Annual review of SC/ST representations be made meticulously.

(Ad.A)

Item No. 321.22: Ph.D. thesis entitled, "L Glutaminase production by Marine Bacteria" submitted by Smt. Renu, S.-Evaluation reports and Minutes of viva voce examination-Consideration of.

The Syndicate considered, along with recommendation of the Standing Committee on Academic Matters, the individual report of Examiners, together with the consolidated report of the Chairman, Board of Examiners and the minutes of viva voce examination in respect of the Ph.D. thesis submitted by Smt. Renu, S., full-time research student who worked under the guidance of Dr. M. Chandrasakharan, Head, Centre for Biotechnology, of the University.

Resolved that Sri Renu S be declared eligible for the award of the course of Doctor of Philosophy under the Faculty of Science for her thesis 'D GLUTAMINASE PRODUCTION BY MARINE BACTERIA

(E. A)

Item No. 321 23: Ph. D. thesis entitled, "Characterization of Probability Distributions by Reliability Concepts submitted by Shri P. G Sankaran Evaluation reports and Minutes of viva voce examination-Consideration of.

The Syndicate considered, along with recommendation of the Standing Committee on Academic Matters, the individual report of Examiners, together with the consolidated report of the Chairman, Board of Examiners and the minutes of viva voce examination in respect of the Ph D thesis submitted by Shri P. G. Sankaran full-time research student who worked under the guidance of Dr. N Unnikrishnan Nair, Professor of Statistics of the University.

Resolved that Shri. P. G Sankaran be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Science for his thesis "CHARACTERIZATION OF PROBABILITY DISTRIBUTIONS BY RELIABILITY CONCEPTS".

(E.A)

Item No. 321.24: Ph.D. Thesis entitled "Some Aspects of Nonlinear Dynamics" submitted by Smt. K. M. Valsamma-Evaluation reports and Minutes of Viva Voce Examination Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual report of Examiners, together with the consolidated report of the Chairman, Board of Examiners and the Minutes of viva voce examination in respect of the Ph.D. thesis submitted by Smt. Valsamma, K. M. full-time research student who worked under the guidance of Dr. K. Babu Joseph Professor, Department of Physics of the University.

Resolved that Smt. Valsamma, K. M. be declared eligible for the award of the degree of Doctor of Philosophy

under the Faculty of Science for her thesis "SOME ASPECTS OF NONLINEAR DYNAMICS".

(E. A.)

Item No. 321.25 : Department of Applied Economics-Application for registration for research leading to the Ph. D Degree - Consideration of.

Resolved that the matter be deferred.

(Ac B)

Item No. 321.26 : Department of Physics - Application for registration for research leading to the Ph. D. degree - Consideration of.

Resolved that the matter be deferred.

(Ac.B)

Item No. 321.27 : Shri E. M. Somasekharan Nair, Head, Department of Ship Technology - Application for Commuted leave - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request from Shri E. M. Somasekharan Nair, Head, Department of ship Technology for commuted leave for 3 months from 4.1.1993 and for giving full additional charge of the Department of Dr. K. P. Narayanan, Reader.

Resolved that Shri E. M. Somasekharan Nair be granted commuted leave for 3 months from 4.1.1993.

Resolved further that the next seniormost Professor/Reader in the Department in accordance with the Statutes be given the charge of the Department.

(Ad D)

Item No. 321.28 : Construction of a multistoreyed building at the Lakeside Campus - Awarding the work.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposal for

entrusting the work of construction of a multistoreyed building at the Lakeside Campus to M/s. Asian Techs Ltd., Cochin - 25.

Resolved that the work of construction of the multistoreyed building at the Lakeside Campus be entrusted to M/s. Asian Techs Ltd., Cochin-25 who have quoted the lowest rate of 67% above the estimate.

(PLA)

Item No. 321.29: Purchase of Electronic Analytical Balance and PC AT/386 Computer for the Department of Industrial Fisheries - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance and Purchase, the proposal for sanctioning one electronic Analytical Balance (German) from M/s. Scientific Instruments Co., Ltd. Kochi - 15 at a cost of DM 3,500/- (approx. Rs. 73,500/-) and one PC AT/386 Computer from M/s. Pertech Computers Ltd., Kochi-16 at a total cost of Rs. 93,500/- for the Department of Industrial Fisheries.

Resolved that purchase of one Electronic Analytical Balance (German) from M/s. Scientific Instruments company Ltd., Kochi - 15 at a cost of DM 3,500/- (approx. Rs. 73,500/-) and one PC AT/386 Computer from M/s. Pertech Computers Ltd., Kochi - 16 at a total cost of Rs. 93,500/- for the Department of Industrial Fisheries be sanctioned.

(PLA-2)

Item No. 321.30: Ph.D. thesis entitled, "Studies on Some New Complexes of Iron, Cobalt, Nickel and Copper" submitted by Shri. A. R. Karthikeyan - Evaluation reports and Minutes of viva voce examination - Consideration of.

The Syndicate considered the individual report of Examiners, together with the consolidated report of the Chairman, Board of Examiners and the Minutes of viva voce examination in respect of the Ph.D. thesis submitted by Shri.



Karthikeyan. A. R., full time research student who worked under the guidance of Dr. K. K. Mohammed Yusuff, Reader, Department of Applied Chemistry of the University.

Resolved that Shri. Karthikeyan. A. R. be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Science for his thesis "Studies on some new complexes of Iron, Cobalt, Nickel and Copper".

(E. A.)

Item No: 321.31: Ph D. thesis entitled, "Geology, Metamorphism and Tectonic Evolution of a Segment of Palghat Gap, Kerala" submitted by Smt Thara. K. G. - Evaluation reports and Minutes of viva voce examination. Consideration of.

The Syndicate considered the individual report of the Examiners, together with the consolidated report of the Chairman, Board of Examiners and the minutes of viva voce examination in respect of the Ph.D. thesis submitted by Smt Thara. K. G., full time research student who worked under the guidance of Dr. K. Soman, Scientist-E, Centre for Earth Science Studies, Trivandrum,

Resolved that Smt. Thara K. G. be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for her thesis "Geology, Metamorphism and Tectonic Evolution of a Segment of Palghat Gap, Kerala".

(E. A.)

Item No. 321.32: Ph.D. thesis entitled, "Adsorption of Electron Acceptors on Rare Earth Oxides" submitted by Smt. Devika Rani. Evaluation reports and Minutes of viva voce examination. Consideration of.

The Syndicate considered the individual report of the Examiners, together with the consolidated report of

Chairman, Board of Examiners and the Minutes of viva voce examination in respect of the Ph.D. thesis submitted by Smt. Devika Rani, G., full-time research student who worked under the guidance of Dr. S. Sugunan, Reader, Department of Applied Chemistry of the University.

Resolved that Smt. Devika Rani, G. be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Science for her thesis "ADSORPTION OF ELECTRON ACCEPTORS ON RARE EARTH OXIDES".

(E. A.)

Items taken up during zero hour

Item No. 321. 33: Dry docking of Research Vessel "Nautilus"- Entrusting of work with M/s. KSINCO-Reg

The Syndicate considered the report of the Committee constituted by vide item 320.55 dated 5-12-1992 to study the various aspects of dry docking of the Research Vessel "Nautilus".

Resolved that the Director of School of Marine Sciences be permitted to entrust the dry docking and repair works of the research vessel 'Nautilus' with M/s. Kerala Shipping and Island Navigation Corporation Ltd., at an estimated cost of Rs. 1,18,957/-, excluding the cost of copper sheets and other additional work suggested by the Department of Ship Technology.

(Ad C)

Item No 321.34; Placement of Assistant Librarians in the Selection Grade scale and granting of higher grade to teachers under AICTE Scheme-Reg

The Syndicate considered, the proposal for placement of Assistant Librarians in the Selection Grade scale of Rs. 3700-5700 on completion of 16 years service and granting of higher grade to University teachers under AICTE Scheme which was referred to the Government for clarification.

Resolved that a detailed note in the matter be prepared along with similar cases of the teachers of the University and submitted to the Syndicate for consideration.

(Ad.D/Ad.A)

Item No. 321.35: Construction of Seminar Complex-Reg.

The Syndicate considered the proposal for the construction of a Seminar Complex in the University.

Resolved that the Standing Committee of the Syndicate on 'Works' be authorised to negotiate with Nirmithi Kendra with regard to all matters connected with the construction of the Seminar Complex.

(PLA)

Item No. 321.36: Declaration of probation of the Planning and Development Officer - Reg.

The Syndicate considered, the progress of work carried out by the Planning & Development Officer during the last one year.

Resolved that the proposal for declaration of the probation of Planning & Development Officer be brought before the next meeting of the Syndicate for consideration.

(Ad.A)

Item No. 321.37: Actioning of Anjili tree inordinate delay in the implementation of the Syndicate decision - Reg.

The Syndicate noted the delay in implementing the decision taken with regard to the auctioning of Anjili tree which was unauthorisedly felled.

Resolved that a detailed note in the matter be placed at the next meeting of the Syndicate.

(Ad.A)

The meeting came to an end at 4.00 p.m.

University Buildings  
Kochi - 22

29 December 1992

REGISTRAR

APPENDIX TO ITEM NO. 321.09

Details of candidates who have been granted Ph. D. Registration

Sl. No.	Name and Address of the candidate	Name of the Supervising Guide	Nature of Registration	Topic of Research	Date from which provisional registration granted
1.	Smt. Moly P Koshy Lecturer School of Management Studies CUSAT, Kochi-22.	Prof. N. Ranganathan	Part-time	A study of the marketing policies strategies plans and procedures of selected small scale units in Kerala.	5.11.1992
2.	Shri Shajahan, S. Sulaikha Mandiram Nedumangad	—do—	Full-time	Socio-Economic Impact of Indo Norwegian and Integrated Fisheries Development Projects in Kerala.	22.10.1992

Sl. No.	Name and Address of the candidate	Name of the Supervising Guide	Nature of Registration	Topic of Research	Date from which provisional registration granted
3.	Shri Binu, M A. Lecturer Rajagiri College of Social Sciences Kalamassery.	Prof. P. R. Poduval	Part-time	Organizational Commitment behaviour. A Study of Commitment as a force on its mechanisms, process behaviour and outcomes with special reference to management of South India.	—do—
4.	Smt. Vasanthakumari, P. Thekkepatti House Chalakudy P. O.	Dr. K. Krishnan Nampoothiri	Full-time	Working of Women's Industrial Co-operative Societies in Kerala.	—do—