

UNIVERSITY OF COCHIN

Minutes of the 172nd meeting of the Syndicate held
on 4-12-1982.

Place of meeting : Hill Palace
Tripunithura.

Time : 11.00 a. m.

Members present:

1. Dr. K. Gopalan
Vice-Chancellor - in the chair
2. Prof. T. B. K. Menon
Pro-Vice-Chancellor
3. Shri V. Aravindakshan Nair
4. Dr. K. Gopalakrishnan Nair
5. Shri K. Govinda Pillai
6. Dr. P. N. Krishnan Nambisan
7. Shri S. C. S. Menon
8. Shri M. K. Raghavan
9. Dr. K. Sathianandan
10. Dr. Paul A. Vatakencherry
11. Prof. P. S. Velayudhan

Item No. 172.01. Confirmation of the minutes of the
171st (special) meeting of the Syn-
dicate held on November 18, 1982.

Resolved that the minutes of the 171st (special) meeting
of the Syndicate held on 18-11-1982 be confirmed, subject
to the following emendations/corrections:-

Item No. 171.04 : The resolution be corrected to read as
follows:

"Resolved that the revised norms as proposed by the IUCC as in Appendix II incorporating the minor modifications suggested by the Staff and Establishment Committee as in Appendix IIA be placed before the ensuing meeting of the Academic Council for consideration. The recommendations of the Standing Committee on Academic Matters as in Appendix II B be also noted for consideration at the appropriate level".

(Ac.)

Item No. 172.02. Report of the Vice-Chancellor on important developments in the University since the last meeting of the Syndicate.

1. The High Level Committee of Scientists (H L C S) of the Department of Science and Technology, Government of India, have approved the research project entitled "Computer-aided Ship Design" submitted by the University to be implemented in the Department of Ship Technology.

Yet another research project entitled "Wide Line NMR Instrumentation and Investigation" has been cleared by the University Grants Commission to be implemented in the Department of Physics.

2. The UGC has approved the University's request for the purchase of one Minolta Reprographic Unit at a cost of Rs. 1.32 lakhs for the Central Library. Action has already been taken to import the equipment.
3. The Governor/Chancellor, Shri P Ramachandran will visit the University on Monday, December 20, 1982 at 10.00 a. m. to lay the foundation stone of the

School of Engineering Sciences (Technology Block). The Revenue Minister, Shri P. J. Joseph, has been invited to preside over the function.

4. The Education Minister, the Chief Secretary and the Finance Secretary have again impressed upon the University the difficult financial position of the State Government and have called upon the University to observe maximum possible economy.
5. The University Employment Information and Guidance Bureau which has become very active of late offered yet another regular coaching programme: this time for the Staff Selection Commission Examination scheduled to be held on December 5, 1982. The training programme was a great success.

The Pro-Vice-Chancellor informed the Syndicate that the question paper in respect of M. A. III semester Hindi supplementary examination held on November 26, 1982 had been subjected to correction/interpolation by the Chief Superintendent in charge of the examination.

Arising out of it, the Syndicate resolved to cancel the particular examination taken by the candidates and to conduct a re-examination. It was also resolved to call for an explanation from the Chief Superintendent of his conduct.

Item No. 172.03. Re-designation of the post of Dy. Registrar (Audit Finance & Accounts) and distribution of sections in Finance branch among Assistant Registrars.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for re-designation of the post of Dy. Registrar (Audit Finance & Accounts) as Dy. Registrar (Finance) and to consequentially change the designations of the present Asst. Registrars in the Finance wing as (i) Assistant Registrar (Finance and Cash) and (ii) Assistant Registrar (Audit and Accounts).

Resolved that the Deputy Registrar working under the immediate control of the Finance Officer be designated as Dy. Registrar (Finance) with overall supervisory powers over all the sections of the Finance branch and that the Assistant Registrars working under the Dy. Registrar (Finance) be redesignated Assistant Registrar (Finance & Cash) and Assistant Registrar (Audit & Accounts)

The Syndicate also noted that the posts of Dy. Registrar are interchangeable, as are the posts of Assistant Registrar, inter se.

(Fin. & Admn.)

Item No. 172.04. Streamlining of the operations of the School of Continuing Education - minutes of the meeting of the Syndicate Committee - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposals of the Syndicate Committee to examine the question of streamlining the operations of the School of Continuing Education.

Resolved:

- (i) The Director, School of Continuing Education, be authorised to take suitable action for the revision of study material in consultation with the concerned Boards of Studies.
- (ii) The Director be authorised to select persons for the preparation of study material and for taking contact classes from the panel approved by the Syndicate. Where a person from the panel is not available for taking contact classes at a centre, the Director be authorised to engage for the purpose a suitable duly qualified local person, subject to ratification by the Vice-Chancellor.
- (iii) The Vice-Chancellor be authorised to take immediate legal advice on the applicability of Rule 48 Part I KSR to University teachers who are assigned work for the School of Continuing Education and take suitable action on that basis.
- (iv) The present courses of the School be continued without break.
- (v) Action be taken to fix the staff pattern for the School.

(Ac.)

Item No. 172.05. Ph. D. thesis entitled " Properties of Anisotropic Super Conductors in S. R. Model " - Reports of the examiners - consideration of.

The Syndicate considered the reports of the examiners and the consolidated report of the Chairman, Board of Examiners, along with the minutes of the viva voce examination on the thesis: " PROPERTIES OF ANISOTROPIC SUPER CONDUCTORS IN S. R. MODEL, " submitted by

Shri K. Balakrishna Warriar, under the supervision of Dr. C. Purushothaman, Reader, Department of Physics.

Resolved that Shri K. Balakrishna Warriar be awarded the degree of Doctor of Philosophy under the Faculty of Science for his Ph. D. thesis: PROPERTIES OF ANISOTROPIC SUPER CONDUCTORS IN S. R. MODEL".

(Exam.)

Item No. 172.06. Ph. D. thesis entitled "Studies on the Planktonic Copepodes - Calanoida Scolecithricidae - of the Indian Ocean," submitted by Shri T. C. Gopalakrishnan in the Faculty of Marine Sciences - Reports of the examiners - consideration of.

The Syndicate considered the reports of the examiners along with the consolidated report of the Chairman, Board of Examiners, on the thesis: STUDIES ON THE PLANKTONIC COPEPODS - CALANOIDA SCOLECITHRICIDAE OF THE INDIAN OCEAN, submitted by Shri T. C. Gopalakrishnan under the supervision of Dr. C. V. Kurian, Emeritus Scientist, Pelagic Fisheries Laboratory, CMFRI, Cochin.

Resolved that Shri T. C. Gopalakrishnan be awarded the degree of Doctor of Philosophy under the Faculty of Marine Sciences for his thesis: "STUDIES ON THE PLANKTONIC COPEPODS - CALANOIDA SCOLECITHRICIDAE OF THE INDIAN OCEAN".

(Exam.)

Item No. 172.07. Ph. D. thesis submitted by Shri R. Narendran Nair - Evaluation - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for appointing external examiners for the evaluation of the Ph. D. thesis: "CIRCULATION OF THE INDIAN OCEAN IN RELATION TO THE MONSOON CIRCULATION OF THE ATMOSPHERE", submitted by Shri R. Narendran Nair, full-time research scholar Department of Marine Sciences, under the supervision of Dr. G. S. Sharma.

The Syndicate selected for appointment external examiners for the evaluation of Shri R. Narendran Nair's thesis.

(Exam.)

Item No. 172.08. Enhancement of fees for condonation of shortage of attendance.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for enhancement of the fees prescribed for condonation of shortage of attendance of students of the University so as to bring them on a par with the fees in this respect levied by the Kerala University.

Resolved that the fee for condonation of shortage of attendance below the prescribed level be revised as follows w.e.f. 1-1-1983.

- i) for shortage of attendance upto 10 days - Rs. 30/-
- ii) for shortage of attendance above 10 days and upto 20 days - Rs. 50/-

(Ac.)

Item No. 172.09. Implementation of the UGC project "Wide Line NMR Instrumentation and Investigation" by Dr. C.P. Girijavallabhan - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for implementing the UGC sponsored research project: "Wide Line NMR Instrumentation and Investigation" in the Department of Physics w.e.f. 1-11-1982 with Dr. C. P. Girijavallabhan as principal investigator.

Resolved that the scheme be implemented w. e. f. 1-11-1982 in the Department of Physics under the direction of Dr. C. P. Girijavallabhan.

(Ac.)

Item No. 172.10. Academic Calendar-its rationale and proposals - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for preparing an Academic Calendar for the University.

Resolved that the proposal be accepted in principle and that a draft Academic Calendar be prepared and placed before the Syndicate for consideration.

(Ac.)

Item No. 172.11. Nomination of two members from the Board of Studies in Engg. (pass) to the Faculty of Engineering -

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for nominating two members from the Board of Studies, Engineering (Pass), to the Faculty of Engineering.

Resolved that the following persons be nominated from the Board of Studies in Engineering (pass) to the Faculty of Engineering for the rest of the term of the Faculty.

(i) Dr. K. Gopalakrishnan Nair
Dean, Faculty of Technology
University of Cochin.

(ii) Shri T. G. Paul
Managing Director
United Electrical Industries, Quilon.

(Ac.)

Item No. 172.12. Observations of the Public Accounts Committee of the Kerala State Legislature on the Audit Reports of the University of Cochin - consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Finance & Purchase, and Works, the observations of the Public Accounts Committee on the audit reports in respect of the University.

Resolved that a detailed note be prepared by the Standing Committee on Finance & Purchase for submission to the PAC with the request to drop the objections raised.

(Fin.)

Item No. 172.13. Shri. S.C.S. Menon's note on the construction of the Administrative Block-consideration of -

Deferred for consideration at the next meeting of the Syndicate.

(Pl.)

Item No. 172.14. Purchase of equipment for the Department of Ship Technology-issuance of revised sanction-ratification of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the action of the Vice-Chancellor in having extended the validity of the University orders dated 22.6.1981 and 24.8.1981 sanctioning purchase of various items of equipment.

Resolved that the action of the Vice-Chancellor be ratified.
(Pl.)

Item No. 172.15. Reckoning of private college service of Dr. N. E. Viswanatha Iyer for retirement benefits - request - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request of Dr. N. E. Viswanatha Iyer, retired professor of the University, that his private college service in the State prior to his joining the University be reckoned for retirement benefits.

Resolved that the request be declined as Dr. N. E. Viswanatha Iyer had retired from University service prior to the Syndicate decision on the subject.

(Ad.)

Item No. 172.16. Request from Sri. Varijakshan Nair, Plumber, Engineering Department for sanctioning LWA for 5 years from the date of avail for taking up job abroad-consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request of Shri P. Varijakshan Nair, Plumber, Engineering Department for leave without allowances for 5 years for taking up appointment in the Sultanate of Oman.

Resolved that the leave asked for be not granted, and that requests of this nature disregarding University circular No. Ad. AI. 175/75(A) dated 14-8-1981 be not entertained from any University employee.

(Ad.)

Item No. 172.17. Ph.D. thesis entitled "Electronics" Microwave Antennas-Investigations on the Radiation Characteristics of Flanged Sectoral Horn Antennas and Corner Reflector Systems"- submitted by Shri. K. Vasudevan - Reports of the examiners-consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the reports of the examiners and the consolidated report of the Chairman, Board of Examiners, together with the minutes of the viva voce examination, on the Ph.D. thesis. ELECTRONICS: MICROWAVE ANTENNAS - INVESTIGATIONS ON THE RADIATION CHARACTERISTICS OF FLANGED SECTORAL HORN ANTENNAS AND CORNER REFLECTOR SYSTEMS. submitted by Shri K. Vasudevan, part-time research scholar, Department of Physics, under the supervision of Dr. K. Gopalakrishnan Nair, Professor and Head of the Department of Electronics.

Resolved that Shri K. Vasudevan be awarded the degree of Doctor of Philosophy under the Faculty of Science for his thesis ELECTRONICS: MICROWAVE ANTENNAS - INVESTIGATIONS ON THE RADIATION CHARACTERISTICS OF FLANGED SECTORAL HORN ANTENNAS AND CORNER REFLECTOR SYSTEMS.

(Exam.)

Item No. 172.18. Ph. D. thesis entitled "Fabrication and Parametric Measurements of N₂ Laser Pumped Dye Laser and its Applications to Energy Transfer Studies in Mixed Dyes" - submitted by Shri P. J. Sebastian - Reports of the examiners - consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the reports of examiners together with the consolidated report of the Chairman, Board of Examiners, on the Ph. D. thesis: FABRICATION AND PARAMETRIC MEASUREMENTS OF N₂ LASER PUMPED DYE LASER AND ITS APPLICATIONS TO ENERGY TRANSFER STUDIES IN MIXED DYES", submitted by Shri P J Sebastian, Department of Physics, under the supervision of Dr. K. Sathianandan, Professor & Head of the Department of Physics.

Resolved that Shri P. J. Sebastian be awarded the degree of Doctor of Philosophy under the Faculty of Science for his thesis: "FABRICATION AND PARAMETRIC MEASUREMENTS OF N₂ LASER PUMPED DYE LASER AND ITS APPLICATIONS TO ENERGY TRANSFER STUDIES IN MIXED DYES".

(Exam.)

Item No. 172.19. B. Tech Degree Examinations in Naval Architecture and Ship Building - Panel of Paper Setters and Examiners - consideration of.

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

for inclusion in the panel of question paper setters and examiners the list of names received from the I. I. T. Kharagpur.

Resolved that the list be forwarded to the Chairman Board of Studies in Technology, for getting the approval of the Board.

(Exam.)

Item No. 172.20. B. Tech Degree in Naval Architecture and Ship Building - and M. Tech Degree in Electronics and Communication Systems - Regulations - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the lacunae in the Regulations for the B. Tech Degree course in Naval Architecture and Ship Building and the M. Tech degree course in Electronics and Communication systems, regarding the promotion of students from one semester to another, and the anomalies arising there from resulting in some students having been promoted to higher semesters and their seeking admission to University examinations:

Resolved that a Committee consisting of Pro-Vice-Chancellor, Dr. K. Gopalakrishnan Nair, and Dr. K. Sathianandan may discuss the matter with the Heads of the Department of Electronics and Ship Technology and propose a solution without prejudice to the interest of the students concerned.

(Ac.)

Item No. 172.21. Ph. D. thesis submitted by Shri A. N. Balchand - evaluation - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for appointing external examiners for evaluation of the Ph. D thesis: "STUDIES ON THE DYNAMICS AND WATER QUALITY OF THE MUVATTUPUZHA RIVER IN RELATION TO EFFLUENT DISCHARGE," submitted by Shri A. N. Balchand under the joint supervision of Dr. P. N. Krishnan Nambisan and Dr. P. G. Kurup, Readers, Department of Marine Sciences.

The Syndicate selected for appointment external examiners for the evaluation of Shri A. N. Balchand's Ph. D. thesis.

(Exam.)

The meeting came to an end at 3 p. m.

Hill Palace P. O.
Tripunithura 682 301
Dated 10th December 1982.

Sd/-
REGISTRAR

APPENDIX - II TO ITEM NO. 171.04.

NORMS FOR THE UPGRADATION OF TEACHING POSTS IN UNIVERSITY TEACHING DEPARTMENTS

A. Upgradation of the post of Reader to that of Professor on the basis of merit.

1. The Reader should have put in atleast 6 years' service as Reader in the University.
2. He should have at least 5 years' standing as an approved research guide at the doctorate level and be actively engaged in research in his present post.
3. He should have guided research at the doctorate level and at least one person should have taken the doctorate degree under his guidance during the period of his qualifying service at the University.

OR

WHERE the concerned department does not have a Ph. D. programme the Reader should have published work of a post doctoral standard as assessed by an expert committee constituted by the Vice-Chancellor.

4. He should have published at least 3 research papers in his field of study in standard research journals of national or international repute as authenticated by acknowledged experts in the field.
- B. Upgradation of the post of Lecturer, Research Officer (teaching) to that of Reader on the basis of merit.
1. The Lecturer should have put in at least 8 years of service as lecturer in the University.

2. He should have at least 2 years' standing as a Ph. D or as an approved research guide at the Doctorate level and be actively engaged in research in the present post.

OR

Where the concerned department does not have a Ph. D programme, he should have published work of a doctoral standard as assessed by an expert committee appointed by the Vice-Chancellor.

3. He should have published at least 2 research papers in his field of study in standard research journals of national or international repute as authenticated by acknowledged experts in the field.
- C. Upgradation of the post of Lecturer, Research Officer (teaching) to that of Reader for teachers with long years of service.
1. Lecturers, Research Officers (teaching) should have put in 13 years of service in the grade of Lecturer, Research Officer (teaching) provided that upto 5 years of service in the grade of lecturer in any of the universities in the State of Kerala or colleges affiliated thereto may be reckoned in computing 13 years.
 2. They should have to their credit research publications of a high standard.
 3. Their suitability for the post of Reader should be assessed by a committee similar in composition to the selection committee/Board of appointment provided for in the respective statutes/Act.

D. Upgradation of the post of Research Assistant / Instructor / Teaching Assistant.

1. They should have completed at least 3 years of service as Research Assistant/Instructor/Teaching Assistant in the University.
2. They should possess the qualifications prescribed for the post of lecturer.
3. Their suitability for the post of lecturer shall be assessed by a committee similar in composition to the selection committee/Board of appointment provided for in the relevant Statutes/Act.

APPENDIX II A

Recommendations of the Standing Committee on Staff & Establishment

- i. The words 'cum-service' be added at the end of the title under A.
- ii. A.3. second paragraph, second sentence: the words 'in his field of study' be inserted after 'Ph. D. programme' and before 'the Reader'.
- iii. A.4. the words 'identified by the Vice-Chancellor' be added at the end of the sentence.
- iv. B.1. The question of giving weightage for a Ph. D. holder by giving suitable reduction in the '8 years stipulated may be considered. (This suggestion may be referred to the IUCC).

APPENDIX II B

Recommendations of the Standing Committee on Academic Matters

- A. Upgradation of the post of Reader to that of Professor on the basis of merit and service.
 1. The Reader should have put in atleast 6 years' service as Reader in the University.
 2. He should have at least 5 years' standing as an approved research guide at the doctorate level and be actively engaged in research in his present post.
 3. He should have guided research at the doctorate level and at least one person should have taken the doctorate degree under his/her independent guidance during the period of his qualifying service at the University.

OR

Where the concerned department does not have a Ph. D. Programme in the field of specialization the Reader should have published work of a post doctoral standard based on the work done during his term as Reader as assessed by an expert committee constituted by the Vice-Chancellor.

4. He should have published at least 3 research papers in his field of study in standard research journals of national or international repute as suggested by respective Boards of Studies or still better by the respective national bodies.

B. Upgradation of the post of Lecturer, Research Officer (teaching) to that of Reader on the basis of merit and service.

1. The Lecturer should have put in, at least 8 years of service as Lecturer in the University. For the purpose of calculation of the duration of service, periods put in higher teaching post temporarily in this University may be reckoned. For service put in Universities and colleges elsewhere, credit upto 2 year period may be given.
2. He should have at least 2 year's standing as a Ph. D. or as an approved research guide, at the doctorate level and be actively engaged in research in the present post.

Where the concerned department does not have a Ph. D. programme, he should have published work of a doctoral standard as assessed by an expert committee appointed by the Vice-Chancellor.

3. He should have published at least 2 research papers in his field of study based on the work done during the period of his Lecturership in standard research journals of national or international repute as suggested by the respective Board of Studies or still better by the respective national bodies.

C. Upgradation of the post of Lecturer, Research Officer (teaching) to that of Reader for teachers with long years of service.

1. Lecturers, Research Officers (teaching) should have put in 13 years of service in the grade of Lecturer, Research Officer (teaching) provided that upto 5 years

of service after Post-Graduation in the Grade of Lecturer/ Research Assistant (Teaching)/Instructor or Teaching Assistant/Case Analyst (teaching) in any of the Universities in India or colleges affiliated thereto may be reckoned in computing 13 years.

2. They should have to their credit two research publications of a high standard based on the work done during the tenure of their service as Lecturer or Research Officer (Teaching).
3. Their suitability for the post of Reader should be assessed by a committee similar in composition to the selection committee/Board of appointment provided for in the respective Statutes/Act.

