

UNIVERSITY OF COCHIN

Minutes of the 168th meeting of the Syndicate held on August 21, 1982

Place : Hill Palace
Tripunithura

Time : 11 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. Shri C. Cherian
5. Dr. P. J. George
6. Shri K. Govinda Pillai
7. Dr. P. N. Krishnan Nambisan
8. Smt. Liziee Jacob
9. Shri S. C. S. Menon
10. Dr. M. P. Parameswaran
11. Dr. K. Sathianandan
12. Dr. Paul A. Vatakencherry
13. Prof. P. S. Velayudhan

Item No. 168.01. Confirmation of the Minutes of the
167th meeting of the Syndicate held
on 20-7-1982.

Resolved that the minutes of the meeting of the
Syndicate held on 20-7-1982 be confirmed subject to the
following emendations :

- (i) The following omission in the recording of the report of the Vice-Chancellor may be incorporated under Item No. 166.02. " (xv) Shri K. Govinda Menon's appointment as University Engineer has been cancelled on his failure to report for duty as ordered. The Syndicate may consider appointing Shri K. Jacob Nainan the second person in the rank list prepared by the Selection Committee.

The Syndicate resolved to approve the rank list prepared by the Selection Committee and to appoint Shri Jacob Nainan as University Engineer.

- (ii) Item No. 167.23 : the following words " from the Department of Applied Chemistry " be added to the last sentence of paragraph 2 after Rubber Technology. The last word in the last line of the second paragraph be corrected as ' Science ' instead of Technology

Item No. 168.02. Report of the Vice-Chancellor on important developments in the University since the last meeting of the Syndicate.

- (i) Smt. Sheela Kaul, Union Minister of Education, is expected to visit Cochin and especially the University during the second week of September, possibly on the 9th & 10th. She has been requested to lay the foundation stone of the School of Technology building.
- (ii) Work on the Administrative Block and the Gymnasium is making good progress. The Common Facilities Centre and the University Arch Gate are nearing completion.

- (iii) The new premises of the Department of Industrial Fisheries will be ready for occupation by the end of September. Dr. S.Z. Qasim, Secretary to the Government of India in the Department of Ocean Development has been invited to formally declare it open early in October 1982.

A conference of marine and ocean scientists is also being convened during the first week of October to hear Dr. Qasim speak on his Antarctic Expedition.

- (iv) The report of the Expert Committee is expected to be ready by September 1982.
- (v) The State Government have been informed that the University would be ready to build a transmitter to pick up TV signals from the INSAT-1A and relay TV programmes to a radius of about 25 km of Trikkakara, if they made available about Rs. 7 lakhs before September 30.
- (vi) The meeting of the Senate was held on July 30 1982. The next meeting of the Senate is scheduled for the 27th of November.
- (vii) The meeting of the Academic Council was held on July 21st last.
- (viii) He is likely to be away in W. Germany from September 13 to 30 for attending the International Congress of Power Plant Engineers at Mannheim and to participate in the International Symposium on Engineering Education at Ulm.
- (ix) As resolved at the last meeting of the Syndicate, Shri Jacob Nainan has been offered appointment as University Engineer. He has requested that he

may be permitted to join on deputation terms or in the alternative, his present emoluments may be protected including his deputation pay.

The Syndicate resolved that Shri Jacob Nainan be offered protection of emoluments in his present post including his deputation pay.

Item No. 168.03. Revision of ratio of promotion of Library Assistants/Laboratory Assistants Grade II - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the question of raising the present ratio of promotion available to the unskilled category of Library Assistants / Laboratory Assistants.

Resolved that the ratio of promotion for these categories, if any, prevalent in the sister universities in the State be first ascertained.

(Ad.)

Item No. 168.04. Smt. Rose P. Christopher - leave without allowances - sanction - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the question of granting Smt. Rose P. Christopher, L. D. Storekeeper, Engineering Unit, leave without allowances on medical ground for the period 24-1-1981 to 16-8-1981.

Resolved that Smt. Rose P. Christopher be granted leave without allowances on medical ground for the period 24-1-1981 to 16-8-'81 and that she be warned against non-compliance of leave rules.

(Ad.)

Item No. 168.05. Fixation of pay of Shri P. K. Damodaran - Security Officer, sanction of special Police Allowance - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the question of granting Shri P. K. Damodaran, Security Officer of the University, special police allowance on a par with police personnel on deputation with the Legislature Secretariat.

Resolved that Shri. P. K. Damodaran, Security Officer, be granted special police allowance during the period of his deputation with the University on a par with police personnel on deputation with the Kerala Legislature Secretariat as envisaged in G. O. (MS) No. 86/81/(285)/Fin. dated 29-1-1980.

(Ad)

Item No. 168.06. School of Continuing Education - remuneration payable to University teachers - applicability of Rule 48. Part I K. S. R. - Reg.

The Syndicate considered along with the recommendation of the Standing Committees on Academic Matters, and Finance & purchase, the question of applying Rule 48. Part I, KSR, to the fee paid to University teachers for work done for the School of Continuing Education.

Resolved:

- (i) Rule 48. Part I, KSR be applied to remuneration / fees received by teachers of the University for taking contact classes and for preparing lessons for the School of Continuing Education.

- (ii) The remuneration payable to teachers of the University acting as Course Directors in the School of Continuing Education be fixed at 20% of their basic pay.

Resolved further that the operations of the School of Continuing Education including the applicability of the Rule 48 Part I, K. S. R. regarding remuneration payable to the teachers of the University for taking contact classes and for acting as Course Director etc. be reviewed by the Committee consisting of Prof. T. B. K. Menon, Dr. Paul A Vatakencherry and Shri. K. Govinda Pillai.

(Ac.)

- Item No. 168.07. Shri T. T. Cherian - request for change of topic of research - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request of Shri T. T. Cherian, Part-time research scholar, CMFRI, for a change of topic of his research from "Primary production and floral succession pattern in a contiguous region of Cochin Estuary", to "Studies on Aquatic Macrophytes with special reference to those having Nitrogen fixing properties".

Resolved to authorise the Vice-Chancellor to examine the question in consultation with the supervising teacher/Head of the Department and take a decision in the matter.

(Ac.)

- Item No. 168.08. B. G. L. programme - extension of the term of appointment of Prof. M. P. Padmanabha Pillai - Course Director - Reg.

The Syndicate considered, along with the recommendation of the Standing Committees on Academic Matters and Staff & Establishment, the proposal for appointing a course Director for the B. G. L. programme of the School of Continuing Education.

Resolved that arrangements for conducting the B. G. L. Course be made by the Vice-Chancellor in consultation with the Head of the Department of Law and the Director, School of Continuing Education.

(Ac.)

- Item No. 168.09. Suspension of M. B. A. (Part-time) programme for the year 1982-83 - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for suspension of the M. B. A. (Part-time) programme for the year 1982-83.

Resolved that no admission be made to the MBA (Part-time) Course during the academic year 1982-83.

(Ac.)

- Item No. 168.10. Ph. D. thesis submitted by Shri B. Madhusoodana Kurup - adjudication consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, appointing external examiners for the adjudication of the thesis: "Studies on the Systematics and biology of the fishes of the Vembanad Lake," prepared by Shri B. Madhusoodana Kurup under the supervision of Dr. C. T. Samuel.

Resolved that external examiners be appointed.

(Ac.)

Item No. 168.II. Re-constitution of Boards of Studies in Industrial Fisheries, Marine Geology and Environmental Studies - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for the reconstitution of the Boards of Studies in Industrial Fisheries, Marine Geology and Environmental Studies.

Resolved that the Vice-Chancellor be authorised to reconstitute the Boards of Studies in consultation with the respective Deans of Faculties and the concerned Heads of Departments, assuring due representation to the branches of studies coming within the purview of each Board and report the personnel of the Boards to the Syndicate.

(Ac.)

Item No. 168.I2. Post-Doctoral Research Fellows - admission - payment of fees etc.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the question of prescribing conditions for the admission of post-doctoral fellows.

Resolved that the practice in this respect followed in other universities be first ascertained.

(Ac.)

Item No. 168.I3. Extension of the term of appointment of Dr. V. Karunakaran as Visiting Professor in the Dept. of Applied Economics - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, Staff & Establishment, and Finance & Purchase, the proposal for extension of the term of appointment of Dr. V. Karunakaran as Visiting Professor in the Department of Applied Economics.

Resolved that Dr. V. Karunakaran be given extension as Visiting Professor for the period ending December 31, 1982

(Ac.)

Item No. 168.I4. Library Advisory Committee - recommendation - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the minutes of the meeting of the Library Advisory Committee held on 9-3-1982, 20-4-1982 and of its sub-committee held on 16-6-1982.

Resolved that the minutes of the meeting of the Library Advisory Committee held on 9-3-1982 and 20-4-1982 be circulated among the Heads of Departments who are not members of the Advisory Committee, for their views.

(Ac.)

Item No. 168.I5. Regulations and amendments to Regulations passed by the Academic Council at its meeting held on 25-3-1982 - approval of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, approving for publication in the Gazette the Regulations and the amendments to various Regulations passed by the Academic Council at its meeting held on 25-3-1982.

Resolved that the following new Regulations and amendments to existing Regulations be notified in the Gazette and that these be made effective from 25-3-1982.

A. New Regulations

Minutes of the
Academic Council
Page No.

1. Regulations for the Post-graduate Diploma in Environmental Studies Page 3 & Appendix I
2. Regulations for the Intensive Course In German Page 3 and Appendix II
3. Regulations for the M. Phil Course in Chemical Oceanography Page 4 & Appendix III
4. Regulations for the B. Tech Degree Course in Electronics and Instrumentation Appendix VIII
5. Regulations for the M. Tech. Degree course in Computer and Information Sciences Appendix IX
6. Regulations for B. Tech (Part-time) Civil, Mechanical, Chemical, Electrical (Engg.) Appendix XII
7. Regulations for M. Tech degree course in Plastics & Rubber Technology. Appendix XIV

B. Amendment to Regulations

1. Amendment to Regulations enabling the conduct of supplementary examinations under the semester system. Page 2
2. Amendment to Regulations of all semester courses providing for readmission of a student who has failed in a semester exam. for reason of his having secured less than 50% marks for internal assessment. Page 9

3. Amendment to Regulations - revised scheme of examination for certificate and diploma courses in German. Page 3 Appendix IIA
4. Amendment to Regulations - M. Sc. in Marine Biology. Page 4
5. Amendment to Regulations for M. Sc. Oceanography - revised scheme of examinations. Page 4 & Appendix III A.
6. Amendment to Regulations - M. Sc. Mariculture - revised scheme of examinations. Page 4 & Appendix IV
7. Amendment to Regulations - B. Tech and M. Tech Courses - admission procedures. Page 5
8. Amendment to Clause VII of the Regulations - B. Tech in Naval Architecture. Page 5 & Appendix VI
9. Amendment to Regulations for M. Tech in Electronics and Communication Systems -
(a) Project work requirements -
(b) revised scheme of examinations - Page 5 & Appendix VII
10. Amendments to Regulations - M. Tech (Part-time) and Post-graduate Diploma in Technology (Part-time) Page 5-5
11. Amendment to Regulations - B. Tech in Polymer Science & Rubber Technology - admission procedures. Pages 7-8

Resolved also that any decision of the Academic Council that remain to be published in the Gazette, be got published in the Gazette expeditiously and the date of effect of such decisions be the date of the decision of the Academic Council concerned.

Resolved further that the existing Regulations in respect of all the courses run by the University be reviewed and systematised by a committee consisting of the Pro-Vice-Chancellor, Dr. Paul A. Vatakencherry, Dr. K. Sathianandan and Dr. P. N. Krishnan Nambisan, as a matter of urgency.

(Ac.)

Item No. 168.16. Registration for research leading to to the Ph. D. degree - applications consideration of.

The Syndicate considered, along with the recommendation on the Standing Committee on Academic Matters, granting to 26 applicants registration for research leading to the degree of Doctor of Philosophy

Resolved :

- (i) The candidates as in *Appendix-I* be granted registration for research in the various departments of the University.
- (ii) The requests of Shri A. M. Ravindran Shri A. Nandakumar and Shri Balaprasenan. K. S. be considered after receipt of clarification from the respective doctoral committees regarding the course work the candidates are expected to undergo.
- (iii) The minimum eligibility marks and other requirements for registration for research in the sister universities in the State and in all-India Institutions be ascertained and appropriate proposals in this respect be placed before the next Academic Council for consideration.
- (iv) Registration for research be granted twice a year and applications for the same be invited through notification in the press in October and April.

(Ac.)

Item No. 168.17. Reconstitution of the Faculties of Humanities, Law, Marine Sciences, Science and Technology.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, reconstituting the Faculties of Humanities, Law, Marine Sciences, Science and Technology.

Resolved that the Faculty of Science be reconstituted for a term of 4 years w. e. f. 21-8-1982 with the following members.

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| 1. Dr. K. Sathianandan,
Prof. & Head of the Dept. of Physics,
University of Cochin,
Cochin - 682022. | (Dean & Chairman) |
| 2. Prof. Joy George,
Dept of Physics, University of
Cochin, Cochin - 22. | Member, Board of
Studies in Physics |
| 3. Prof. M. G. Krishna Pillai,
Dept. of Physics, University of
Cochin, Cochin - 22. | - do - |
| 4. Dr. Y. Sitaraman,
Prof. & Head of the Dept. of
Maths.,
Kerala University, Kariavattom,
Trivandrum. | Chairman, Board of
Studies in Maths &
Statistics. |
| 5. Dr. P. U. Surendran,
Prof. of Statistics, College of
Veterinary & Animal Sciences,
Kerala Agricultural University,
Mannuthy-P. O., Trichur. | Member, Board of
Studies in Maths. &
Statistics. |

6. Dr. T. Thrivikraman, Reader
Dept. of Maths. & Statistics,
Cochin University, Cochin-682022
7. Dr. Paul A. Vatakencherry,
Head of the Dept. of Applied
Chemistry,
University of Cochin,
Cochin - 682022.
8. Dr. S. B. Rao,
Managing Partner, Navarathana
Pharmaceutical Laboratories, P. B.
No. 113, Cochin-682002.
9. Dr. D. Joseph Francis,
Prof. & Head of the Dept. of
Polymer Science & Rubber
Technology, University of
Cochin, Cochin-682022.
10. Prof. K. R. Unni Mathematical Sciences, Adayar, Madras
11. Prof. Pakshi Rajan, Prof & Head of the Dept. of Statistics, Mysore University, Mysore
12. Dr. K. R. Parthasarathy, Professor, Dept. of Mathematics
I. I. T., Madras.
13. Prof T. R. Kasturi, Organic Chemistry Department,
I. I. Sc., Bangalore 560 012.
14. Dr. K. Nagarajan, CIBA - Geigy Research Centre,
Goregaon East Bombay 400 063.
15. Prof. G. Mehta, Dean, School of Chemistry,
University of Hyderabad, Hyderabad 500 134.
16. Dr. D. Sreenivasan, Director, NPOL, Naval Base,
Cochin-4.
17. Dr. K. Gopalakrishnan Nair, Head of the Dept. of
Electronics, University of Cochin, Cochin-682 022.

- do -

Chairman, Board of
Studies in Applied
Chemistry.

Member, Board of
Studies in Applied
Chemistry.

Member, Board of
Studies in Applied
Chemistry.

18. Dr. P. S. Narayanan, Indian Institute of Science,
Bangalore.

Resolved further that the Vice-Chancellor be authorised to constitute the Faculties of Humanities, Law, Marine Sciences and Technology in consultation with the respective Deans/Heads of Departments and the personnel of the Faculties be reported to the Syndicate.

(Ac.)

- Item No. 168.18. Nomination of two members of the Board of Studies in Applied Economics to the Faculty of Social Sciences - regarding.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, nominating two members of the Board of Studies - Applied Economics to the Faculty of Social Sciences.

Resolved that the following persons be nominated to the Faculty of Social Sciences for the rest of the term of the Faculty.

1. Dr. K. C. Sankaranarayanan,
Prof. & Head of the Department of Applied Economics,
University of Cochin,
Cochin - 22.
2. Dr. Neelakantan
Head, Department of
Post-Graduate Studies in Economics,
Madras University Centre,
Tiruchirapally.

Item No. 168.19 Motors Conveyance advance to Shri P. V. Paul, Section Officer - request for condonation of delay in executing mortgage bond and for permission for remittance in instalments without penal interest - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the request of Shri P. V. Paul for waiver of penal interest for non-execution in time of the bond in respect of motor conveyance advance received by him with permission to repay the amount borrowed in regular monthly instalments.

Resolved that the amount due to the University be recovered in monthly instalments at thrice the normal rate, without levying interest at penal rates.

(Ad.)

Item No. 168.20. University vehicles - maintenance and repairs - technical scrutiny - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for technical scrutiny of repairs of University vehicles.

Resolved that:

- i. The repair work of University vehicles be done only at workshops approved by the University.
- ii. The workshops thus approved be required to execute agreements with the University agreeing to:

- a. execute the work entrusted efficiently and on time;
- b. accept final payment of repair bills exceeding Rs. 500/- in each case including cost of spare Parts after certification of satisfactory completion of work by officers of the University authorised for the purpose, pending which payment at the rate of 90% of each bill will be allowed.
- iii. Repairs be entrusted with a workshop only after a report by the University Engineer/ Instrumentation Engineer, CWISL, of the items of work to be done.
- iv. Repairs costing less than Rs. 500/- in each case, including cost of spare parts, be exempted from the requirement of technical scrutiny.
- v. Repairs costing an amount not exceeding Rs. 2000/- in each case, including cost of spare parts, may be done without inviting competitive quotations from the workshops, and work exceeding the amount be done only after inviting competitive quotations.
- vi. Technical scrutiny and certification of satisfactory of execution of work by the workshops be the responsibility of the University Engineer, assisted by the Instrumentation Engineers of the CWISL.

(Gl. Adm.)

Item No. 168.21. Telephone connection for the Dept. of Electronics - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the request of the Head of the Department of Electronics for an independent telephone.

Resolved that the request be granted as a special case.
(Gl. Admn.)

Item No. 168.22. Opening of a new detailed head
'Rent' under 17.1. Dept. of Ship
Technology - 4 contingencies - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for opening a new detailed head 'Rent' under 17.1. Dept. of Ship Technology 4 contingencies - and to provide through diversion from 7.1.1. salaries of officers teaching a sum of Rs. 60,000/- so as to enable payment of rent to the quarters allotted to the visiting G. D. R. Professors under the Indo-GDR Cultural exchange programme.

Resolved that the proposal be approved and a sum of Rs. 60,000/- be provided under the new detailed sub-head 'Rent' under 17.1. Dept. of Ship Technology - 4 Contingencies - by diversion from 17.1.1. salaries of Officers Teaching.

(Fin.)

Item No. 168.23. Dept. of Applied Chemistry - purchase of Chemical Abstracts - 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 volumes 1 to 57 with decennial index 1-5 of Chemical Abstracts for the Department of Applied Chemistry at a total cost of Rs. 35,500/-

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

Resolved further that the volumes be transferred to the University Library so that the Chemical Abstracts may be

available to the various departments of the University, and that the remaining volumes of the journal be procured by the University Library.

(Pl.)

Item No. 168.24. Dept. of Ship Technology - Purchase of Drawing tables - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for purchasing 20 numbers of drawing tables for the Dept. of Ship Technology, at the rate of Rs. 3,649/- excluding S. T. and other charges.

Resolved that 20 drawing tables be purchased from M/s. Excel Wood Industries, Cochin-20 for the Department of Ship Technology, at the rate of Rs. 3649/- excluding S. T. and other charges.

(Pl.)

Item No. 168.25. Rate contract for the supply of BOROSIL (R) and CORNING (R) brand laboratory glassware for the year 1982-'83 - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for entering into a rate contract with M/s Borsoil Glass Works Ltd., for supply of glassware to University departments.

Resolved that rate contract for the supply of BOROSIL/ CORNING glassware be entered into with M/s. BOROSIL glasswares Ltd., Bombay, Magnum Glass Works, Aroor for the year 1982-83.

Resolved further that rate contracts for the purchase of the chemicals be entered into with B. D. H., E. Merck and Sarabhai Chemicals.

(Ad.)

Item No. 168.26. Department of Polymer Science and Rubber Technology - Purchase of Rubber Extruder, Glassware etc. - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for the purchase various items of equipment and glassware at a total cost of Rs. 51,393 38 excluding S. T. and other charges and payment of 1/3 advance towards the purchase of Rubber Extruder.

Resolved that the items of equipment and glassware as in *Appendix II* be sanctioned for the Department of Polymer Science & Rubber Technology.

Resolved further that 1/3 cost of Rubber Extruder be sanctioned as advance for effecting its purchase.

(Pl.)

Item No. 168.27. Dept. of Polymer Science & Rubber Technology - Purchase of Injection Moulding Machine - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for purchasing for the Department of Polymer Science & Rubber Technology plastic 'Injection Moulding Machine' from M/s. Windsor (India) Ltd., Bombay, at a

total cost of Rs. 2,60,000/- excluding S. T. and other charges, and to pay 10% of the cost to the firm as advance.

Resolved that the Vice-Chancellor may take a decision in consultation with the Head of the Department.

(Pl.)

Item No. 168.28. Medical reimbursement to Shri M. C. Chothy, Spl. Grade Peon - consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, sanctioning Shri M. C. Chothy, Special Grade Peon, University office, reimbursement of medical expenses incurred by him for treatment undertaken at a hospital recognized for the purpose.

Resolved that Shri M. C. Chothy be granted reimbursement of a sum of Rs. 936/47, against medical treatment undertaken by him.

(Ad.)

Item No. 168.29. Works - procurement of cement from the Regional Cement Controller - advance payment made . reporting of.

The Syndicate noted the action of the Vice Chancellor in having sanctioned an advance of Rs. 1,02,414/- to the University Engineer for booking with the Regional Cement controller, Madras, for 150 tonnes of levey cement for the Administrative Block.

(Pl.)

Item No. 168.30. Onam advance at enhanced rates - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committees on Staff & Establishment, and Finance & Purchase, sanctioning University employees onam advance.

Resolved that University employees be granted onam advance at rates indicated below recoverable in specified instalments.

	Rate	Recovery in instalments.
(i) Full time Class IV Staff	Rs. 400/-	10
(ii) All other full-time staff drawing a basic pay not exceeding Rs. 1600/-	Rs. 300/-	5
	(Ad.)	

Item No. 168.31. Re-constitution of the Board of Studies in Engineering (pass) - Reg.

The Syndicate considered; along with the recommendation of the Standing Committee on Academic Matters, reconstituting the Board of Studies in Engineering (pass).

Resolved that the Board of Studies in Engineering (pass) be reconstituted for a period of 2 years w. e. f. 21-8-1982, and that the Vice-Chancellor be authorised to constitute the Board in consultation with the Dean, Faculty of Engineering.

(Ac.)

Item No. 168.32: School of Continuing Education - Admission to B. B. C. Course - recognition of qualifications equivalent to Predegree-consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic matters, the proposal for recognizing the Higher Secondary Examination conducted by the West Bengal Board of Secondary Education and the Intermediate Examination as conducted by the Board of Secondary Education, Bhopal, equivalent to the Pre-degree examinations of Kerala and Calicut Universities for the purpose of admission to the B.B.C. course of this University.

Resolved that the matter be referred to the equivalence committee of the Academic Council (its Standing Committee) and later to the Academic Council.

(Ac.)

Item No. 168.33: Shri. P. K. Damodaran, Security Officer - request for the re-fixation of pay - Reg.

Deferred for detailed consideration with further details at the next meeting of the Syndicate.

(Ad.)

Item No. 168.34: Shri. C. Somarajan, Lecturer, SMS request for Study leave-consideration of.

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

Staff & Establishment, the request of Shri. C. Somarajan, Lecturer, School of Management Studies, for study leave for three years, w.e.f. 1—1—1983, with full service benefits, for undergoing the Ph.D. programme of the College of Business Administration of the Oklahoma State University.

Resolved that the Vice-Chancellor may grant Shri. C. Somarajan eligible leave on his completing three years of service in the University.

(Ad.)

Item No. 168.35: Creation of four posts of lecturers in the School of Technology-consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment, and Academic Matters, the proposal for creating four posts of lecturers in the School of Technology for conducting its M.Tech. Programme.

Resolved that two lecturers, one each in Civil and Mechanical branches with the qualifications given below be appointed on an adhoc basis for one year.

Post	Qualifications
1. Lecturer (Civil Engineering)	<i>Essential</i>
	1. A 1st Class Bachelor's degree in Civil Engineering.
	2. A Master's Degree in Engineering/Technology in I or II Class preferably in Construction Management / Structural Engineering / Geo - technical Engineering.

Desirable

2 years' experience in teaching / research / industry.

Essential

2. Lecturer Mechanical Engineering

1. A 1st Class Bachelor's Degree in Mechanical Engineering.

2. A Master's Degree in Engineering/Technology in I or II Class preferably in Production Engineering / Engineering Design.

Desirable

2 years experience in teaching / research / industry.

(Ad)

Item No. 168.36: Dr. D. Chandramohan, Reader, Department of Marine Sciences - extension of leave - request consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment, and Academic Matters, the request of Dr. D. Chandramohan for extension of leave without allowances for one year w.e.f. 2.8.1982.

Resolved that extension of leave be not granted and that Dr. Chandramohan be required to rejoin duty immediately.

(Ad.)

Item No. 168.37 : Recognition of Kusumagiri Mental Health Centre-list of life saving drugs issued free to Govt. servants etc. consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment, and Finance and Purchase, the question of recognizing the Kusumagiri Mental Health Centre, Kakkanad, Cochin-21, for the purpose of medical reimbursement, of approving the list of life saving drugs issued free in Government hospitals for reimbursement to employees who undergo medical treatment in private hospitals recognized by the University and of countersignature of Ayurvedic medical bills submitted for reimbursement.

Resolved :

- i) The Kusumagiri Mental Health Centre, Kakkanad, Cochin-21, be recognized for treatment of mental ills and for medical reimbursement.
- ii) The list of life saving drugs as in *Appendix III* be approved for medical reimbursement where treatment is undertaken in private hospitals recognised by the University.
- iii) The Hon. Medical Officer, University Health Centre, be requested to countersign Ayurvedic Medical bills submitted for reimbursement referred to him.

(Ad.)

Item No 168.38 : Engaging Guest Lecturers for LL.M. Course II and IV Semesters - consideration of.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the proposal of the Head of the Department of Law for engaging Guest Lecturers for the II and IV semesters of the LL M. Course.

Resolved that the Vice-Chancellor may take a decision in the matter in consultation with the Head of the Department of Law.

Resolved further that Heads of Departments be requested to forward proposals for guest lecturers only after prior consultation with their Departmental Councils.
(Ac.)

Item No. 168.39. Ph-D. thesis entitled "Studies on under-water propagation: development of programmable arrays," submitted by Shri. P. R. Saseendran Pillai-report of examiners-consideration of.

The Syndicate considered the reports of examiners and the consolidated report of the Chairman, Board of Examiners, together with the minutes of the viva voce examination on the thesis: STUDIES ON UNDERWATER PROPAGATION OF PROGRAMMABLE ARRAYS submitted by Shri P. R. Saseendran Pillai under the supervision of Dr. C. S. Sreedhar, Reader, Department of Electronics.

Resolved that Shri P. R. Saseendran Pillai be awarded the degree of Doctor of Philosophy under the Faculty of Technology, for his thesis: STUDIES ON UNDERWATER PROPAGATION OF PROGRAMMABLE ARRAYS.

(Ac. & Exam.)

The meeting came to an end at 1.30 p. m.

University Buildings
Tripunithura-682 301
Dated: 22.8.1982.

Sd/-
REGISTRAR.

APPENDIX I TO ITEM No. 168.16

Sl. No.	Name of the applicant	Name of guide	Topic of research	% marks for MA/M. Sc.	Centre of research	Remarks
1	2	3	4	5	6	7
1.	Smt. M. Santha (Full-time)	Dr. Paul A. Vatakencherry	Studies on cocoa butter, cocoa butter substitutes and extenders	62	Dept of Applied Chemistry	—
2.	Sri Sakthidharan Nair R.	Prof. P. R. Poduval	"A study of the organization climate and industrial relations in Kerala.	55.4	School of Management	—
3.	Shri. D. Rajeev (Full-time)	Dr. P. Leelakrishnan	Concept of fairness in immigration	60.88	Dept. of Law	—
4.	Shri. K. A. Thyagarajan (Full-time)	Dr. C. P. Girijavallabhan	Electrical properties of solids	66	Dept. of Physics	—
5.	Sri. M. Rajagopalan (Part time)	- do -	- do -	61	- do -	—

1	2	3	4	5	6	7
6.	Smt. Sudha Balakrishnan (Full-time)	Dr. S. Shajahan	Changing concept of Womanhood in the short stories of Hindi Women writers (1960-80)	63.7	Dept. of Hindi	—
7.	Smt. Latha K. (Full-time)	- do -	Rural life in Hindi novels of post independence period	61.1	- do -	—
8.	Smt. B. S. Asha (Full-time)	Dr. L. Suneetha Bai	The Society as reflected in Hindi and Khonkini Proverbs	60	- do -	—
9.	Smt. T. Valsa (Full-time)	Dr. A. Ramachandra Dev	The spirit of Nationalism reflected in the poetical works of Dinkar - A study	63	Dept. of Hindi	—
					63	Dept. of Hindi

1	2	3	4	5	6	7
10. Sri. P. V. R. Aravindakshan (Part-time)	Dr. P. V. Vijayan		Later romantic poetry in Hindi Literature with special reference to Bachan, Anchal and Narendra Sharma	57	Dept. of Hindi	
11. Smt. Usha Rani (Full-time)	Dr. A. Aravindakshan		Language and Sensibility in Hindi short stories	60	- do -	
12. Smt. V. T. Philomina (Full-time)	Dr. M. Easwari		Dramatic art of Jagadeesh Chandra Mathur	56.2	- do -	
13. Sri Subash Chandra (Full-time)	Dr. P. Vedavyasa Rao		Pathological investigations in Pan-aeid prawns	66.5	CMFRI, CAS in Mariculture	Doctoral Committee has recommended qualifying Examinations of two papers.

1	2	3	4	5	6	7
14. Smt. Elizabeth Joseph (Full-time)	- do -		Studies on histological and biochemical changes during spermatogenesis in mugil cephalus (Linnaeus) and related species.	68.9	- do -	- do -
15. Sri. C. Gopal (Full-time)	Dr. R. Paul Raj		Nutritional studies in juvenile penaeus indicus with reference to protein and vitamin requirements	65.44	- do -	- do -
16. Smt. Nirmala Thampuran. (Part-time)	Dr. K. Gopakumar		Quantitative and qualitative studies on the Bacteriology of frozen fishes and prawns	62	CIFT, Cochin	- do -

1	2	3	4	5	6	7
17.	Sri. K. Kerala Varma (Part-time)	Dr. P. G. Kurup	Studies on sea interaction and Mixed layer in the Arabian Sea and Bay of Bengal.	Air- 53.2	Dept. of Marine Sciences	Doctoral Committee has recommended a qualifying examination of two papers.
18.	Shri. Dominic Zachariah (Full-time)	Dr. R. V. Unnithan & Dr. P. N. Krishnan Nambisan (Co-supervisor)	Studies on heavy metal pollution in the Cochin back waters.	71	NIO, Cochin, Doctoral Committee	has recommended re-assessment of the work after six months.
19.	Shri. A. I. George (Part-time)	Dr. V. Karunakaran & Dr. K. C. Sankaranarayanan	A critical study of the impact of Institutional finance on Agriculture in Selected Villages of Ernakulam Revenue District.	50	Dept. of Applied Economics.	

1	2	3	4	5	6	7
20.	Sri. D. Prasanth (Full-time)	- do -	Impact of Land reforms on scheduled caste & Tribes in Kerala.	50.7	- do -	-
21.	Sri. Ramakrishnan Korakandy (Part-time)	Dr. K. C. Sankaranarayanan	Technological changes and the Development of the Primary fishing Industry of India, a study of Limited growth.	56	Dept. of Applied Economics	-
22.	Sri. M. Umaidulla (Full-time)	Dr. Jose T. Payyapilly	Economics of the Fish processing Industry in Kerala and Karnataka - A comparative Study.	68.39	Dept. of Applied Economics	-
23.	Sri. P. Radhakrishnan (Part-time)	Dr. V. Karunakaran & Dr. K.C. Sankaranarayanan (Co-Supervisor)	Economics of Paddy cultivation in Kerala with special reference to Kuttanadu.	54	- do -	-

APPENDIX II TO ITEM No. 168 26

Sl. No.	Item	Quantity & Rate	Amount ex. ST & other charges	Firm selected
1.	Rubber Extruder 2½" Variable special extruder provided with DC Motor	1 No. @ 44550/-	44550.00	M's Indian Expelle Works, Pvt. Ltd. Ahmedbad.
2.	Dessicators	6 " @ 381.50	2289.00	M/s Quality Traders
3.	R. B. Flask - 3 necked 250 ml.	3 " @ 70.00	210.00	
4.	Weighing Bottles - 5 ml.	12 " @ 14.16	169.92	M/s Magnum Glass Works Ernakulam
	" 15 ml.	36 " @ 15.76	567.36	"
	" 25 ml.	24 " @ 18.48	443.52	"
	" 60 ml.	12 " @ 30.32	363.84	"
5.	Condenser Double Surfaced 300 mm 19/26	6 " @ 68.39	410.34	"
	400 mm "	12 " @ 83.43	1001.16	"
	200 mm 24/29	12 " @ 57.27	687.24	"

1	2	3	4	5
6.	R. B. Flask 2 necked			
	500 ml.	2 " @ 46.24	92.48	"
	1000 ml.	1 " @ 59.36	59.36	"
7.	R. B. Flask 3 necked			
	500 ml.	3 " @ 62.39	187.17	"
	1000 ml.	3 " @ 81.44	244.32	"
	2000 ml.	1 " @ 117.67	117.67	"
Total ex. ST and other charges			51393.38	

(Rupees fifty one thousand three hundred and ninety three and paise 38 ex. ST and other charges)

APPENDIX III TO ITEM NO. 168.37

**List of life savings drugs issued free of cost
Government Servants furnished by the Superintendent,
General Hospital Ernakulam**

- 1 Cap Ampicillin
- 2 Tab Amitriptyline B. P.
- 3 „ Calcium Benzacil P. A. S.
- 4 „ Carbamazepin B. P.
- 5 „ Carbimazole B. P.
- 6 „ Busulphan B. P.
- 7 „ Cyclophosphamide B. P.
- 8 „ Erythromycine I. P.
- 9 „ Grisofulvin B. P.
- 10 „ Haloperidol B. P.
- 11 „ Hexamine Mandalate
- 12 Cap Indomethazine B. P.
- 13 Cap Isosorbide
- 14 Cap L. Dopa B. P.
- 15 Methyldopa B. P. Capsuls
- 16 Tab Nitroglycerin B. P.
- 17 „ Orphenadrine Hcl. B. P.
- 18 „ Phenindionine I. P.
- 19 „ Propantholine Bromide B. P.
- 20 „ Propanol
- 21 „ Quinidine I. P.
- 22 „ Spinolactate B. P.

- 23 Inj. Ampicillin B. P.
- 24 „ Digoxin
- 25 „ Dimenhydrinate B. P.
- 26 „ Ergometrine Maleate I. P.
- 27 „ Heparine Maleate I. P.
- 28 „ Mannitol 20X W/V B. P.
- 29 „ Neostigmine I. P.
- 30 „ Oxytocin 10 Unit / IP
- 31 „ Paraldehyde
- 32 „ Pethidine Hcl. I. P.
- 33 „ Phenobarbital Sodium I. P.
- 34 „ Procaine Penicillin I. P.
- 35 „ Streptomycin I. P.
- 36 „ Tetanus toxoid I. P.
- 37 „ Transfusion of Normal Saline I. P.
- 38 „ Dextrose I. P. 5% 500 ml.
- 39 „ Trifluoperazine 10 ml vial
- 40 „ Water for injection I. P.
- 41 Tab Analgin I. P.
- 42 „ Chloroquin Phosphate I. P.
- 43 „ a) Cotrimoxazole B. P. Trimethoprim 80 mg
Sulphamethazole 100mg.
- 44 „ b) Cotrimoxazole B. P. 50 mg/200mg.
- 45 „ INH with Thiacetazone 50 mg & 100 mg.
- 46 „ Nicotinic Acid I. P. 50 mg.
- 47 „ Trifluoperazine 10 mg
- 48 Cap Chlorthalidone I. P.
- 49 Cap Tetracycline I. P.
- 50 Elixir Piperazine Citrate I. P. 500 ml.

- 51 Cap Acriflavine 5 mg
- 52 Cap Dextrose Monohydrate Powder I. P. Kgm.
- 53 Cap Glycerine Imp.
- 54 „ Ichthamel I. P.
- 55 „ Mandl, Pain 1000 ml B. P. C.
- 56 Oil Turpentine I. P. 500 ml
- 57 Ether Anaesthetic 450 ml
- 58 Ethyl Chloride Spray