

UNIVERSITY OF COCHIN

Minutes of the 166th meeting of the Syndicate
held on June 4, 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
- 3) Shri V. Aravindakshan Nair
- 4) Shri C. Cheriyan
- 5) Dr. P. J. George
- 6) Shri K. Govinda Pillai
- 7) Dr. P. N. Krishnan Nambisan
- 7) Shri S. C. S. Menon
- 9) Dr. M. P. Parameswaran
- 10) Shri M. K. Raghavan
- 11) Dr. K. Sathianandan
- 12) Dr. Paul A. Vatakencherry
- 13) Prof. P. S. Velayudhan

Item No. 166.01 Confirmation of the minutes of the
165th meeting of the Syndicate held
on 30.4.1982.

Resolved that the minutes of the 165th meeting of the
Syndicate held on 30-4-1982 be confirmed subject to the
following emendation.

Item No. 165.02 (7) sixth line, the words 'one or' be
inserted between 'may be given' and 'two advance increments..

Item No. 166.02 Report of the Vice-Chancellor on
important developments in the Uni-
versity since the last meeting of
the Syndicate.

- (a) Preparations for the observance of the World Environ-
ment Day on June 5 are now complete. It has been
possible for the University-in collaboration with numerous
other agencies-to mobilise about 200 scientists, engineers,
technologists administrators and others to participate
in a seminar on the developmental and environmental
problems of Kerala in general and of Cochin in parti-
cular. The eminent nuclear scientist Dr. Raja Ramanna
is inaugurating the seminar. The education Minister
Sri T. M. Jacob will address the public function.
The Syndicate may approve the University making a
contribution of Rs. 2500/- towards the expenses.
- (b) The foundation stone of the multi-storeyed hostel
sanctioned by the U. G. C. will be laid by the Minister
of Education Sri. T. M. Jacob at the Trikkakara campus
at 4 p. m. on June 5, 1982.
- (c) The University is participating in the Western Ghats
Coordinated Action Research Project sponsored by the
Planning Commission for which an assistance of Rs. 31/-
lakhs will be available over a period of three years.
- (d) The Department of Physics has completed a very success-
ful refresher programme in Laser Spectroscopy, which
is an important and emerging area in Science and
Technology. The programme was sponsored by the UGC
for the benefit of teachers.

(e) The Government of India has constituted a Visiting Committee to consider giving approval for the M.Tech. Programme being offered by the Department of Electronics and Communication System of this University. The Committee is due to visit the University in the last week of June.

(f) The University will be organising a National Seminar on 'Environmental Law' under the auspices of the Department of Law in December 1982. The U. G. C. is sponsoring the Seminar.

(g) As proposed at the last meeting of the Syndicate, the Expert Committee has been enlarged by including the following people:-

- | | |
|---|------------|
| 1. Prof. Dr. L. S. Chandrakant
(Former Educational Adviser (Tech)
to the Govt. of India) Indian
Institute of Management Bangalore. | - Member |
| 2. Prof. Dr. P. V. Indiresan
Director, Indian Institute of
Technology, Madras. | - Member |
| 3. Shri P. K. Umasankar
Commissioner for General Education
Government of Kerala, Trivandrum. | - Member |
| 4. Prof. T. B. K. Menon
Pro-Vice-Chancellor | - Convener |

The Syndicate may approve this enlargement of the Expert Committee. The Committee is being requested to submit its report by the end of August 1982 at the latest.

(h) Mrs. Anna Malhotra, Secretary, Ministry of Education, Government of India, visited the University on May 8, and released at a well attended function the proceedings of the symposium on computers held some time ago in connection with the annual convention of the National Academy of Sciences.

(i) The University expects to get some funds from the U. G. C. very soon for the development of the engineering and technology departments. The U. G. C. has agreed to consider our urgent requirements in this regard, and a meeting between the Vice-Chancellor and the Chairman of the U. G. C. is being fixed for the purpose.

(j) Some students of the Department of Ship Technology residing in Hostel No III had indulged themselves in acts of gross indiscipline by forcibly occupying certain rooms in Hostel No. III. The situation was dealt with firmly.

Dr. M. G. Krishna Pillai, Hon. Warden, University Hostel, Trikkakara campus has been replaced by Prof. N. Ranganathan, by the Vice Chancellor in exercise of his statutory powers.

(k) The progress of construction works entrusted with the K. S. C. C. was discussed with its new Managing Director Sri. M. C. George. He has agreed to complete the Common Facilities Centre and the Gymnasium before December 31, 1982 and the Administrative Block by March 31, 1983.

(l) The Vice-Chancellor has been nominated by the Union Minister of Education on the Board of Governors of the IIT, Madras, who have in turn nominated him also on their Finance Committee.

- (m) The Vice-Chancellor has been nominated by the State Government on the State Committee on Science & Technology and also on its Executive Committee.

Item No. 166.03. Granting higher grade in the ratio 1:3 to Assistant Engineers - adoption of 3rd Kerala Pay Commission recommendation - representation of Shri N. T. John - reg.

Deferred pending disposal of the O. P. filed by Shri N. T. John before the High Court of Kerala.
(Ad.)

Item No. 166.04. University hostels - enhancement of ad hoc grant - consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment and Finance & Purchase, the question of enhancing the rate of ad hoc grant to the various hostels.

Resolved that the *status quo* in the matter be maintained.
(Gl. Adm.)

Item No. 166.05. Dr. V. D. Sebastian - request for academic leave for taking up assignment as Visiting Fellow at Karnataka University Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the question of granting academic leave to Dr. V. D. Sebastian Reader, Department of Law, for accepting the U. G. C. assignment as Visiting Fellow for four weeks at the Karnataka University, Dharwar.

Resolved that Dr. V. D. Sebastian be granted academic leave for 4 weeks w. e. f. 26-2-1982.
(Ad.)

Item No. 166.06. Dr. A. Ramachandra Dev - Professor, Department of Hindi - declaration of Probation - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for declaring Dr. A. Ramachandra Dev to have satisfactorily completed his probation in the post of Professor.

Resolved that Dr. A. Ramachandra Dev, be declared to have satisfactorily completed the period of probation in the post of Professor on the F. N. of 21-3-1982.
(Ad.)

Item No. 166.07. Appointment of University Engineer request of Shri M. Govinda Menon for protection pay excluding pension - consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment the request of Shri M. Govinda Menon for the full protection of his present pay and allowances, excluding pension.

Resolved that Shri M. Govinda Menon be offered appointment on deputation basis in modification of the orders already issued.
(Ad.)

Item No. 166.08. Board of Studies - Applied Economics - re-constitution of.

The Syndicate resolved to re-constitute the Board of Studies in Applied Economics with the following members for a period of four years, w. e. f. 4-6-1982.

1. Dr. K. N. Raj,
Fellow,
Centre for Development Studies,
Trivandrum.
2. Dr. K. C. Sankaranarayanan,
Prof. & Head, Dept. of Applied Economics,
University of Cochin.
3. Dr. N. Parameswaran Nair,
Director, School of Management Studies,
University of Cochin.
4. Dr. Neelakantan,
Head, Dept. of Postgraduate Studies in Economics,
Madras University Centre, Trichy.
5. Dr. P. A. Nair,
Director,
Bureau of Economics & Statistics,
Trivandrum.
6. Dr. C. T. Kurien,
Director, Institute of Development Studies,
Adayar, Madras.
7. Prof. S. Vaidyanathan,
Centre for Development Studies,
Trivandrum.

Item No. 166.09. Engaging guest lecturers for I and III semester LL. M. course - sanction issued reporting of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the action of the Vice-Chancellor in having sanctioned guest lecturers for the I & III semester of the LL. M. Course.

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

(Ac.)

Item No. 166.10. Registration for Research application from I. S. Bright Singh and M. Chandrasekharan - consideration of-

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for granting registration for research to the two candidates Sri. I. S. Bright Singh and Sri. M. Chandrasekharan under the Faculty of Marine Sciences.

Resolved that registration for research be granted to the candidates as per details below.

Name of Candidate	Topic of Research	Guide
1. I. S. Bright Singh	Studies on the Bacteria Associated with <i>Penaeus Indicus</i> in a culture system.	Dr. P. Chandramohan & Dr. P. Lakshmana
2. M. Chandrasekharan	Studies on the Microbial Spoilage of <i>Penaeus Indicus</i>	- do -

Item No. 166.11. Diploma Course in Industrial Fisheries - starting of - reg-

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for starting a diploma course in Industrial Fisheries in the Department of Industrial Fisheries.

Resolved that the detailed proposal alongwith justification for starting such a course be first processed through the concerned academic bodies.

(Ac.)

Item No. 166.12. Visiting appointment of Shri A. R. Ramakrishnan in the Dept. of Marine Sciences - consideration of -

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment and Academic Matters, the proposal for appointing Shri. A. R. Ramakrishnan, Retired Director, Weather Central Office of the Deputy Director General, Meteorology, Pune, as visiting professor in the Department of Marine Sciences for one year.

Resolved that Shri A. R. Ramakrishnan be appointed as visiting professor in the Department of Marine Sciences for one year subject to the concurrence of the U. G. C.

(PL.)

Item No. 166.13. Registration for research - application - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the question of granting registration for research to 16 candidates under various faculties of the University.

Resolved that the candidates as in *Appendix I* be granted registration for research.

(Ac.)

Item No. 166.14. Inclusion of Dr. T. Thrivikraman as associate guide to research scholars working under Prof. Wazir Hasan Abdi -

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal to have Dr. T. Thrivikraman, Reader, Department of Mathematics & Statistics, as associate guide to four candidates registered under Dr. Wazir Hasan Abdi who is soon to retire from University service.

Resolved that Dr. T. Thrivikraman, be permitted to act as associate guide to the following candidates.

Name of the candidates	Topic of research	date of registration
1. Smt. Mercy K. Jacob	Analysis - Discrete function Theory	1-4-1978
2. Smt. T. K. Thresamma	Some problems of Discrete function theory	25-10-1978
3. Sri. A. Vijayakumar	Some problems in Discrete function theory.	11-8-1980
4. Sri. S. A. H. Rizvi	Some Aspects a History of Indian Mathematics in the 18th and early 19th century.	29-8-1980

(Ac.)

Item No. 166.15. Allocation of land for constructing a laboratory building for pilot plant studies - request from the Director, National Environmental Engineering Research Institute.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the request of the Director, National Environmental Engineering Research Institute, Nagpur, for allotment of 2 acres of land for starting a zonal laboratory at Cochin.

Resolved that the Vice-Chancellor may discuss the matter with the Director, NEERI, and report back to the Syndicate.
(Pl.)

Item No. 166.16. University vehicles - maintenance and repairs - technical scrutiny - reg.

Deferred for detailed consideration at the next meeting.
(GA & El.)

Item No. 166.17. Delegation of powers to the Vice-Chancellor and Heads of Departments - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for delegating various administrative and financial powers to the Vice-Chancellor.

Resolved that the following powers be delegated to the Vice-Chancellor subject to review at the end of two years.

A. Administrative Powers

- (i) Disciplinary powers over students as provided for in Statute 73 (xi) of the First Statutes, 1980.
- (ii) Declaration of probation of all employees.
- (iii) Confirmation of employees subject to the general rules governing the same.

B. Financial Powers:

1. Works:

- (a) To sanction all works, original or repairs the cost of which does not exceed Rs. 50,000/- at a time, where the work is one included in a scheme approved by the Syndicate, and where funds have been provided for in the University budget.
- (b) To accept tenders for works and tenders of quotations for supplies upto Rs. 1 lakh where they are the lowest, and, in other cases, upto Rs. 25,000/- and to dispense with tenders for works costing upto Rs. 15,000/- in case of urgency.
- (c) To sanction advances for departmental purposes exceeding Rs. 500/- and upto a limit of Rs. 75,000/- against specific budget provision, where the concerned scheme has been sanctioned by the competent authority.
- (d) To regularize excess expenditure over estimates due to excess in tender and upto 30% for other reasons such as escalation of costs etc. or Rs. 10,000/- whichever is higher.

2. Purchases:

The power to sanction purchases covered by budgetary provision upto a sum of Rs. 50,000/- at a time, subject to observance of store purchase rules.

Resolved further that Heads of Departments be empowered to make purchases not exceeding a sum of Rs 5,000/- at a time subject to observance of store purchase rules, where the expenditure is covered by budgetary provision.

(Fin. & Adm.)

Item No. 166.18. Purchase of Pentax MX Body Black SLS Camera and accessories.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for purchasing one unit of Pentax MX Body Black SLR camera with accessories for the CWISL.

Resolved that the Vice-Chancellor be authorised to take a decision on receipt of the recommendation of the Advisory Committee of the CWISL in the matter.

(Pl.)

Item No. 166.19. Maintenance to 'E' type quarters - revised estimates - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposal for sanctioning the revised estimate in respect of the maintenance of two units of E type quarters and for executing a supplementary agreement with the contractor for the additional items of work done.

Resolved :

(i) The revised estimate of Rs. 10,916/- in respect of the work be approved.

(ii) Supplementary agreement be executed with Shri K. V. Krishnan, the Contractor, for the additional item of work done.

(Pl.)

Item No. 166.20. Maintenance of hostel No. 4 at Trikkakara campus - estimate - approval of - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposal for undertaking the maintenance work of hostel No. 4 at an estimated cost of Rs. 26,600/-

Resolved that the estimate be approved and the work executed in August after the monsoon has abated.

Resolved further that the University Engineer be requested to prepare a schedule for the repair and maintenance of University buildings.

(Pl.)

Item No. 166.21. Works - construction of a new hostel for men students - plan & estimates - approval of - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the plan and estimates for the new hostel for men students together with the recommendation of the Building Committee.

Resolved that the plan and estimates for the first three floors (including basement) of the new hostel be approved and that the work estimated at Rs. 25,00,000 be tendered.

(Pl.)

Item No. 166.22. Residential quarters of Vice-Chancellor - building taken on rent - reporting of.

The Syndicate noted that a house at Panampilly nagar (building No. 28/153 T in plot No. 272) has been taken out on a monthly rent of Rs. 1750/- for the official residence of the Vice-Chancellor.

Resolved that the action taken in the matter be ratified.

(Pl.)

Item No. 166.23. Fieldman - promotion to the post of Asst. Grade II on a par with clerical Assistant / Lab. Assistant - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment the question of equating the post of fieldman with Laboratory Assistant Grade II, Library Assistant Grade II and Clerical Assistant for the purpose of promotion to the post of Assistant Grade II.

Resolved that the resolution of the Syndicate, vide Item No. 1 dated 15-4-1972 be modified as follows to provide for promotion of fieldman as Assistant Grade II.

"Non-Graduate employees of the categories of Laboratory Assistants Grade II, Library Assistants Grade II, Clerical Assistants and Fieldman who have SSLC qualifications and who have put in not less than 7 years of service in the respective posts after passing the SSLC examination be promoted as Assistants Grade II, subject to the availability of vacancies and in the ratio of 2:1 between direct appointees who are graduates and the promotees".

(Ad.)

Item No. 166.24. Organization of Laboratory in the Department of Ship Technology - appointment of supporting technical staff - proposals - Reg.

Deferred for consideration at the next meeting.

(Ad.)

Item No. 166.25. Ph. D. thesis of Shri U. Syamaprasad - report of examiners - consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the reports of the examiners as well as the consolidated report of the Chairman, Board of Examiners, on the doctoral thesis submitted by Shri U. Syamaprasad under the supervision of Dr. C. P. Girijavallabhan, Reader, Department of Physics, together with the minutes of the viva-voce examination.

Resolved that Shri U. Syamaprasad be awarded the degree of Doctor of Philosophy, under the Faculty of Science for his thesis "Electrical properties and phase transitions in some Ammonium containing Ferroelectrics".

(Exam.)

Item No. 166.26. Ph. D. thesis submitted by Shri V. Ethirajan - evaluation - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for appointing examiners for evaluating the Ph. D. thesis - entitled: "Economics of Korai Mat Weaving in

Thanjavur District," submitted by Shri V. Ethirajan, part-time research scholar, Department of Applied Economics.

Resolved that examiners be appointed for the evaluation of the thesis submitted by Shri V. Ethirajan.

(Exam.)

Item No. 166.27. Ph. D. thesis submitted by Shri. K. K. George evaluation of - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for appointing examiners for evaluating the Ph. D. thesis: "Centre-State Financial flows and inter-State disparities in India," submitted by Shri K. K. George, part-time research scholar, School of Management Studies.

Resolved that examiners be appointed for the evaluation of the thesis submitted by Shri K. K. George.

(Exam.)

Item No. 166.28. Recommendation of the Selection Committee for the award of U. G. C. Fellowships - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the recommendations of the Selection Committee dated 17-4-1982 for the award of U. G. C. fellowships.

Resolved that the minutes of the Selection Committee as in *Appendix II* be approved, and that the rank list be valid until 31-12-1982.

Resolved further that papers duly accepted for publication in reputed journals be reckoned in computing index marks allotted for 'publications'.

(Ac.)

Item No. 166.29. Motor conveyance advance to Shri P. V. Paul - execution of mortgage bond - condonation of delay - Reg.

Deferred.

Item No. 166.30. Adoption of G. O. revising Dearness allowance of employees - Reg.

The Syndicate noted that the Vice-Chancellor has implemented Government orders revising the rates of dearness allowance admissible to employees issued as per G. O. (P) 194/82/Fin dated 19-4-1982.

(Ad.)

Item No. 166.31. Department of Polymer Science & Rubber Technology - purchase of laboratory mixing mill, hydraulic press etc. consideration of

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for the purchase of various items of equipment for the Department of Polymer Science & Rubber Technology.

Resolved that the items of equipment as in *Appendix III* be purchased for the Department of Polymer Science & Rubber Technology at a cost of Rs. 1,09,850/- excluding sales tax and other charges.

(Pl.)

Item No. 166.32. Purchase of chemicals for the Dept. of Polymer Science & Rubber Technology - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for the purchase of chemicals from various firms.

Resolved that the chemicals at a cost of Rs. 11,749/- excluding sales tax and other charges be purchased in quantities from the firms as in *Appendix IV*.

(Ad.c)

Item No. 166.33. Maintenance of B type quarters - tender acceptance - Reg-

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposal for awarding the work of maintenance of B type quarters to Shri P. Vijayakumar at 10% above the estimate rate of Rs. 12,700/-

Resolved that the work of maintenance of B type quarters be awarded to Shri P. Vijayakumar at 10% above the estimate rate of Rs. 12,700/- and the work be commenced in August after the monsoon has abated.

(Pl.)

Item No. 166.34. Maintenance of P. V. C.'s quarters - tender acceptance - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on works, the proposal for awarding the work of maintenance of P. V. C.'s quarters

at Lakeside Campus to Shri M. N. Karthikeyan, P. W. D. Contractor, Edappilly at 23% above the estimate rate of Rs. 9675/-.

Resolved that the Vice-Chancellor may, in view of the urgency of the work, examine the case and take further necessary action in the matter.

(Pl.)

Item No. 166.35 Work entrusted to K.S.C.C.-speedy execution of works-discussion with Managing Director-reporting of.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposal for paying the Kerala State Construction Corporation a sum of Rs. 5/- lakhs, as advance, pending finalization of their bills in the interest of speedy execution of the works entrusted with the Corporation.

Resolved that the proposal be approved.

(Pl.)

Item No. 166.36 Recommendations of the Committee for considering concessional travel in University vehicles - Reg.

The Syndicate considered the recommendation of the committee constituted by the Syndicate at its 16th meeting for reviewing the system of concessional travel in University vehicles.

Resolved that the recommendations of the Committee as in *Appendix V* be approved and implemented with immediate effect.

(Gl. Adm.)

Item No. 166.37 Selection committee for interviewing candidates for the post of Dy. Registrar, Asst. Registrar and Physical Education Officer - reg.

The Syndicate resolved to authorise the Vice-Chancellor to constitute a selection committee for interviewing candidates from the SC/ST communities for appointment to the posts of Dy. Registrar and Assistant Registrar and make recommendations to the Syndicate.

(Ad.)

The meeting concluded at 1.30 p. m.

Tripunithura
8-6-1982

Sd/-
REGISTRAR.

APPENDIX I

Appendix to Item No. 166.13

Sl. No.	Name of the candidate	Name of the guide	Topic	Remarks
1.	Smt. Rosamma Philip (Full-time)	Dr. P. Lekshmanaperumalsamy.	Studies on proteolytic Bacteria in fish spoilage	Doctoral committee has recommended qualifying exam.
2.	Shri R. Pradeep (Part-time)	-do-	Studies on indicators and Pathogens in Cochin backwater.	-do-
3.	Smt. Clara Margret Kattikaran (Full-time)	Dr. K.Y. Mohamed Salih (Dept. of Marine Sciences)	Studies on the biology of the calm, Sunetta Scripta in the calm bed of Vembanad lake	Doctoral Committee has recommended review of the programme of work
4.	Smt. Vincy Samuel (Full-time)	Dr. V. J. Kuttiyamma, (Dept. of Marine Sciences)	Studies on the biology of the prawn penacus indicus	-do-
5.	Smt. T. Sophy John (Full-time)	Dr. M. Shahul Hameed, (Dept. of Industrial Fisheries)	Studies on the Nemipterid fishes of Cochin Coast	Doctoral committee has recommended a qualifying exam.

6. Shri Shaju Thomas (Full-time)	-do-	Studies on timber destroy- ing Marine Borers in Cochin waters.	-do-
7. Smt. Nirmala Antharjanam (Full-time)	Dr. M. Jathavedan (Dept. of Maths. & Statistics)	Fluid Mechanics Non-linear waves	
8. Shri Jolly Lukose (Full-time)	Dr. Joy George (Dept. of Physics)	Growth and characterisation of certain Ferro electric crystals	
9. Shri S. Kevin (Part-time)	Dr. P. N. Rajendra Prasad (S. M. S.)	A Study of the textile industry in Kerala with comparative reference to Tamil Nadu.	
10. Shri Devarajan G. (Part-time)	Dr. V. K. Aatre (Scientist, NPOL) and Dr. C. S. Sreedhar (Dept. of Eelectro- nics) (Co-supervisor)	Digital Signal processing - non-linear filtering application to Digital signal processing.	
11. Subash Chandran (Full-time)	Dr. A. D. Diwan (CAS in Mari- culture)	Studies on Ecophysiology of Penacus H. Mile Edwards in the Grow out systems.	
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12. Shri D. Mohana Rao (Full-time)	-do-	Studies on endocrine control of growth and reproduction of tiger prawn penacus monodon Fabricius.	-do-
13. Shri A. Silas Ebenezer (Full-time)	Dr. P. Parameswa- Pillai (CAS in Mari- culture)	Studies on the ecology and productivity of Salime lagoons.	-do-
14. Smt. Anuradha Krishnan (Full-time)	Dr. K. Alagarwamy (CAS in Mari- culture)	Studies on Larval nutrition in the pearl oyster Pinctada fucate (Fould)	-do-
15. Shri V. K. Dey (Part-time)	Dr. V.D. Ramamoorthy (Inspection Lab. MPEDA)	Studies on Salmonella occurring in sected Fishery products.	The Doctoral Committee has recommended quali- fying exams.
16. Shri P. S. Parameswaran (Part-time)	Dr. Jacob Chacko (Marine Sciences Dept.)	Chemical Investigations on certain Marine Species"	Doctoral committee has recommended grnting registration.

APPENDIX II

Appendix to Item No. 166.28

Recommendations of the Selection Committee for the Award of U. G. C. Fellowships

Place of meeting : University Buildings,
Hill Palace, Tripunithura.

Date : 17-4-1982

Time : 10.30 A. M.

Members Present :

1. Prof. T.B.K. Menon
Pro-Vice-Chancellor (Chairman)
2. Dr. K. P. Balakrishnan
3. Dr. Joy George
4. Dr. P. N. Krishnan Nambisan
5. Dr. P. Leelakrishnan
6. Dr. N. Parameswaran Nair
7. Dr. N. Raman Nair
8. Dr. K. C. Sankaranarayanan
9. Dr. G. S. Sharma
10. Dr. Paul A. Vatakencherry
11. Dr. Wazir Hassan Abdi

The Committee noted that the total number of vacant U. G. C. Fellowships available for award is four under general category and one for SC/ST candidates.

The Committee decided that candidates applied for UGC Fellowships who were subsequently awarded CSIR Fellowships be given an opportunity to express their opinion about the retention of the CSIR Fellowships or to opt for the UGC Fellowships. In ranking candidates the re-prints enclosed along with the application and the details of publications given in the application form alone be considered for scoring index marks allotted for publications.

The Committee noted the decision of the Syndicate held on 11.11.1980 that if a candidate from a Department offered the fellowship does not accept the Fellowship, it has to be offered to the next candidate of the Department who appeared in the next round and so on.

The Committee feels that students are applying from different disciplines representing different departments may be given an opportunity to consider their merits and to allocate the UGC Fellowships equitably among the remaining departments.

The Committee approved the rank list as given in Appendix. The rank list will be valid for the period ending 31st December 1982.

- 2) The Committee decided to award the Fellowship reserved for SC/ST to Shri Syed Ismail Koya, research scholars who is a recipient of the CSIR Fellowship. If he decides to retain the CSIR Fellowship, the reserved UGC Fellowship for SC/ST candidates be awarded to Syed Ismail Koya upto 31-1-1982 from the date of the termination of his Fellowships in the scheme where he was originally engaged for research work.

Shri Rajiv D., SC/ST research scholar from the Department of Law be given the reserved Fellowship with effect from 1-2-1982.

The Committee decided to meet again during the month of November to discuss various aspects of the award of different University Fellowships and scholarships including UGC Fellowships.

The meeting came to an end by 12.30 p. m.

Sd/-

Chairman

Rank list for Award

Science:

1. H. R. Neelakantan (App.C)	-	81.83
2. Purnachandar Reddy N. (M. S.)	-	79.48
3. Alex A. V. (Physics)	-	76.4
4. Vijayan A. K. (SES)	-	73.3
5. Ramachandran P. T. (Maths.)	-	69
6. Shaju Thomas (I. F.)	-	67
7. Narendran Nair R. (M. S.)	-	78.13
8. Praveenkumar P. A. (Physics)	-	75.75
9. Mohan Kumar U. (S. E. S.)	-	62
10. Jacob K. Daniel (Maths.)	-	62.2
11. Sophy John T. (I. F.)	-	65.7
12. Balchand A. N. (M. S.)	-	72.73
13. Venugopalan P. (Physics)	-	70.5
14. Raju N. (Maths.)	-	61
15. Ramesh Kumar M. R. (M. S.)	-	72
16. Lizamma Joseph (Physics)	-	68.9
17. Nirmala Antherjanam (Maths.)	-	60.1
18. Latha Thampuran (M. S.)	-	70.7
19. Jayalakshmy A. (Physics)	-	62.7
20. Maria Juliet Stanislaus (M. S.)	-	69
21. Rosamma Philip (M. S.)	-	68.92
22. Clara Margarát Kattikaran (M. S.)	-	66.5
23. Viswambharan M. K. (M. S.)	-	65.7

Humanities/Social Sciences:

1. Sheela V. P. (Hindi)	-	75.9
2. Valson M. C. (Law)	-	68.8
3. Teresa Rani K. (SMS)	-	65.82
4. Ushakumari R. L. (Hindi)	-	75
5. Rajiv D. (Law)	-	60.8
6. Renjini K. C. (SMS)	-	65.8
7. Ritty Joseph (Hindi)	-	66
8. Pereira Gladys Murtle (SMS)	-	62.53

APPENDIX III

Appendix to item No. 166.31

Sl. No.	Item	Quantity	Cost ex. ST Rs.
1	High Pressure Seamless Steel Cylinders for Nitrogen, Oxygen, Hydrogen, Carbon dioxide capacity 260 c. ft. @ Rs. 2050/- each	4 nos	8200/-
2	High pressure seamless steel cylinders for Nitrogen, Oxygen, Hydrogen, Carbon dioxide capacity 40 c. ft. @ Rs. 770/- each	4 nos	3080/-
3	Supply of Pure Nitrogen in the above cylinders @ Rs. 350/- per cylinder for 260 c.ft. & Rs. 120/- for 40 c. ft.	2 nos 260 & 40 c. ft.	570/-
4	Supply of Pure hydrogen in the above cylinders @ Rs. 350/- per cylinder of 260 c. ft. and Rs. 100/- per cylinder of 40 c. ft.	2 nos 260 & 40 c. ft.	570/-
5	Supply of pure carbondioxide in the above cylinders @ Rs. 400/- per cylinder of 260 c. ft. and Rs. 100/- per cylinder of 40 c. ft.	2 nos 260 & 40 c. ft.	450/-

6 Supply of pure oxygen in the above cylinders	2 nos 260 & 40 c. ft.	500/-
7 Imported double static pressure regulator for Oxygen, Nitrogen, Hydrogen & Carbondioxide	8 nos	4600/-
8 Trolley to carry cylinders of 260 c. ft. @ Rs. 350/- each	4 nos	1400/-
9 Trolley to carry cylinders of 40 c. ft. @ Rs. 120/- each	4 nos	480/-
10 Mixing Mill	1 no.	65,000/-
11 Hydraulic press	1 no.	25,000/-
Total		1,09,850/-

(Rupees one lakh nine thousand eight hundred and fifty only excluding S. T. and other charges)

APPENDIX IV
Appendix to item No. 166.32

List of Chemicals selected for purchases from M/s. Scientific & Industrial Supplies Corpn.

1 Methacrylate	3 × 500 ml	Rs. 375.00
2 Butadiene	1 × 100 ml	Rs. 850.00
3 Propylene Glycol	1 × 500 ml	Rs. 55.00
4 Propylene Oxide	1 × 500 ml	Rs. 120.00
5 Furfural	1 × 500 ml	Rs. 120.00
6 2-Hydroxyethyl acrylic acid	1 × 500 ml	Rs. 510.00
7 Azobis isobutyronitrile	2 × 250 gms	Rs. 560.00
8 Pottassium Persulphate	1 × 500 gms	Rs. 85.00
9 Melamine	2 × 500 gms	Rs. 220.00
		Rs. 2,895.00

List of Chemicals selected for purchase from M/s. Shah Scientific (India)

1 Methylmethacrylate	6 × 500 ml	Rs. 528.00
2 Isoprene	4 × 250 ml	Rs. 640.00
3 1-4, Butanediol	1 × 500 ml	Rs. 165.00
4 Phthalic Acid	2 × 500 gms	Rs. 178.00
5 Maleic Anhydride	2 × 500 gms	Rs. 130.00
6 Adipic Acid	2 × 500 gms	Rs. 76.00
7 Hexamethylenediamine	4 × 250 gms	Rs. 960.00
8 Stearic Acid	2 × 500 gms	Rs. 300.00
9 Diphenyl Pierylhydrazil	1 × 1 gms	Rs. 180.00
10 Benzoquinone	1 × 100 gms	Rs. 110.00
11 Carbon black	5 × 500 gms	Rs. 375.00
12 Phosphorous Pentachloride	1 × 500 gms	Rs. 130.00
13 Triflure Acetic Acid	1 × 100 gms	Rs. 210.00

Total

Rs. 3,982.00

**List of chemicals selected for purchase from M/s.
D. K. Lab chemicals.**

1 Diphenylmethane-4, 4 Diisocrylate	2 × 500 ml	Rs. 1120.00
2 Anmethyl Styrene	1 × 1 litre	Rs. 650.00
Total		Rs. 1770.00

**List of chemicals selected for purchase from
M/s. Sharda Chemicals**

1 Styrene	6 × 500 gms	Rs. 660.00
2 Polypropylene Glycol	2 × 500 gms	Rs. 440.00
3 Ethylene Glycol	2 × 500 gms	Rs. 180.00
4 Dimethylterephthalate	2 × 500 gms	Rs. 360.00
5 Bisphenol A	2 × 500 gms	Rs. 240.00
6 Isobutylene	1 × 500 gms	Rs. 632.00
7 2-Mercaptobenzothiazole	1 × 500 gms	Rs. 160.00
8 Azebenzene	1 × 100 gms	Rs. 110.00
9 Benzoyl Peroxide	2 × 250 gms	Rs. 320.00
Total		Rs. 3,102.00

APPENDIX V

Appendix to Item No. 166.36

Recommendation of the committee constituted by the Syndicate at its meeting held on 2-6-1982 as per Item No. 164.05 for considering concessional travel in University vehicles.

Members Present :

1. Prof. T. B. K. Menon (Pro-Vice-Chancellor)
(Chairman)
2. Dr. P. N. Krishnan Nambisan
3. Sri. P. L. Sebastian, President C. U. U.
4. Sri. K. D. Vijayan
5. Sri. K. N. Kaimal
6. Sri. P. M. Anthonikutty
7. Sri. P. K. Kamarudeen
8. Sri. B. Rami Reddi
9. Dr. A. Antony
10. Shri V. Radhakrishnan Nair (Finance Officer)

The Committee discussed the various issues concerning the operation of University vehicles. Its recommendations arrived at on the basis of consensus are given below :

- (1) Dependents of employees residing in University quarters may continue to enjoy travel facilities in University vehicles at special rates to be fixed i. e., at rates substantially higher than the current rates. But School/ College going children of employees will be treated on a par with students of the University for the purpose of concessional travel on University vehicles.
- (2) Bus fare (pass & coupons) be increased by 20% in respect of University employees, Class IV employees excepted.

- (3) There be no increase in fare in respect of Claass IV employees and students for the present. However, part-time students who are employed shall be charged at the rates fixed for dependents of Univesity employees.
- (4) The number of bus stops on Trikkakara - Tripunithura route be reduced from the present 44 to 29, with provision for a maximum of two additional stops, depending on the number of persons boarding from such stops contemplated.
- (5) The tempo van service between campus and national highway be re-scheduled for the convenience of staff and students, cutting a few trips between 10 a. m. and 3 p. m. and introducing a couple of trips between 4.30 p. m. and 6 p. m. The Tempo van service may be run regularly and without interruption.
- (6) The tempo van now under repair may be put into operation as soon as possible,
- (7) Coupons will be available only for students, and in the case of others for travel between campus and national highway only.
- (8) The design of the present buss pass may be improved. The Committee noted the views expressed by the representatives of the employees and students in favour of the purchase of a new bus.

Employees representatives also proposed that the departure time of the University bus from Trikkakara in the evening be changed from 4.15 p. m. to 4.10 p. m.

Sd/-
Convener.
