

**UNIVERSITY OF COCHIN****Minutes of the 205th meeting of the Syndicate held  
on 1-6-1985**

**Place of meeting : University Buildings  
Cochin 682 022**

**Time : 10-30 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. Arayindakshan Nair**
- 4. Prof. Baby M. Varghese**
- 5. Dr. P.J. George**
- 6. Dr. K. Gopalakrishnan Nair**
- 7. Dr. D. Joseph Francis**
- 8. Prof. Joseph Skariah**
- 9. Shri. S. C. S. Menon**
- 10. Dr. N. Raman Nair**
- 11. Shri. Rudhra Gangadharan**
- 12. Dr. M. Shahul Hameed**
- 13. Shri. Thiruvanchoor Radhakrishnan**

**Sarvasree N. A. Ali and Joseph Puthussery were absent.**

**Item No. 205.01 :** Confirmation of the minutes of the 204th meeting of the Syndicate held on 4-5-1985

Resolved that the minutes of the 204th meeting of the Syndicate held on 4-5-1985 be confirmed.

**Item No. 5.02 :** Report of the Vice-Chancellor on important developments in the University since the last meeting.

1. Some time ago the Alexander - von - Humboldt Foundation of West Germany had donated to this University a Perkin Elmer Atomic Absorption Spectrophotometer costing about Rs. 4 lakhs under their programme of follow up support to their former Fellows. This highly sophisticated equipment was formally handed over to the University by the West German Consul Mr. B. Nagal on May 13, 1985. The equipment was received by the Pro-Vice-Chancellor Prof. T.B.K. Menon on behalf of the University.

2. The UGC sponsored all India Summer School on Ocean Sciences was inaugurated at the School of Marine Sciences on May 13, 1985 by Shri. S.N. Rao, Director, MPEDA. The function was presided over by the Pro-Vice-Chancellor Prof. T.B.K. Menon. The School will conclude on June 15, 1985.

3. The ISTE sponsored Summer Institute on Laser Technology was organised by the Department of Physics during May 17-30, 1985.

4. The Overseas Development Authority (ODA) of UK has donated scientific books worth about Rs. 40,000/- to the School of Marine Sciences of this University under

their book presentation programme. This donation of books has come on the initiative taken by Prof. N. R. Menon of the School of Marine Sciences.

5. We have submitted to the Department of Science and Technology (DST), Government of India, a project proposal worth Rs. 50 lakhs for the setting up of a Dye Laser Centre in this University. The proposal was prepared in consultation with the DST.

6. Prof. K. Babu Joseph of the Department of Physics was deputed to the Institute of Mathematical Sciences, Madras to participate in the All India Workshop on Theoretical Nuclear Physics during May 5-10, 1985. He also presented a paper at the Workshop.

7. Dr. N. Raman Nair has been included in the three-member delegation visiting USSR and North Korea under the Indo-USSR Cultural Exchange Programme. The visit is expected to take place during July 15 - August 8, 1985.

8. The Industrial Development Bank of India (IDBI) has nominated me as a member of their Southern Regional Committee to advise them on industrial development, sanction of refinance assistance, direct project assistance etc.

9. In memory of our late Prime Minister Smt. Indira Gandhi, we had decided to organise Indira Gandhi Memorial Endowment Lecturers. Since we did not establish any endowment, we may now decide to organise Indira Gandhi Memorial Lectures by meeting the expenditure from our regular budget.

The proposal was approved by the Syndicate.

On a suggestion from Shri. S. C. S. Menon, it was decided to request the State Government to make available to the University a copy of the Report of the Expert Committee appointed by it to consider the proposal for upgrading the Cochin University into a full-fledged technological University.

Item No. 205.03 : Shri. A. Joseph Roderiguez, U.D. Typist / Stenographer - Leave without Allowances to take up employment abroad-Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the request of Shri. A. Joseph Roderiguez U. D. Typist, University Library, for leave without allowances for three years for taking up employment in the Sultanate of Oman.

Resolved that Shri A. Joseph Roderiguez, U. D. Typist, University Library, be granted leave without allowances for three years w. e. f. the date of his availing himself of the leave for taking up employment abroad, as per rules.

(Ad. A)

Item No. 205.04 : Appointment as Assistant Grade II representation from Clerical Assistants-consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the representations from Clerical Assistants of the University regarding promotion to the post of Assistant Grade II, in the light of the rules followed by the Kerala University in the matter.

Resolved:

- (i) Clerical Assistants who have put in 7 years' service in the University, of which 5 years shall be as Clerical Assistant, be entitled to promotion as Assistant Grade II, subject to availability of vacancies and in the ratio of 2 : 1 between direct recruits and promotees.
- (ii) The claim for promotion as per (i) above shall arise only w. e. f. 1. 6. 1985.
- (iii) In calculating vacancies for the purpose of application of the ratio of 2 : 1 between regular recruits and promotees, the vacancies that remain after the advice made on 24. 5. 1985, be taken into account.

Shri S. C. S. Menon dissented.

(Ad.)

Item No. 205.05 : M. R. Valsala Devi, Sr. Grade Assistant-Department of Applied Chemistry-Leave Without Allowances on medical ground-sanction of-Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff & Establishment, the proposal for granting Smt. M. R. Valsala Devi, Senior Grade Assistant, Department of Applied Chemistry, leave without allowances on medical ground for the period 18. 7. 1984 to 31. 12. 1984 and for the further period 7. 1. 1985 to 6. 5. 1985.

Resolved that leave without allowances on medical Ground be granted to Smt. M. R. Valsala Devi for the

period 18. 7. 1984 and 31. 12. 1984 and for the further period 7. 1. 1985 to 6. 5. 1985 in modification of decision vide Item No. 201.04.

(Ad. A.)

**Item No. 205.06 :** Rules for the award of University Fellowships-Date of implementation and allied matters-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for fixing the dates of effect in respect of the enhancement of the value of research fellowships, Junior and Senior, and the question of conducting the test contemplated in the decision of the Syndicate dated 9. 10. 1984 vide Item No. 197.11.

Resolved:

- (i) Jr. Research Fellowships at the enhanced rate be available w. e. f. 9. 10. 1984.
- (ii) The Sr. Research Fellowships be available w. e. f. 29. 3. 1985.
- (iii) The award of the JRFS be on the basis of a test administered by the concerned Heads of Departments.

(Ac.)

**Item No. 205.07 :** Prof. Wazir Hasan Abdi Endowment Prize-Institution-proposal-Consideration of.

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

Proposal for instituting in the University, a prize in the name of Prof. Wazir Hasan Abdi, former Professor of the University Department of Mathematics & Statistics; "Professor Wazir Hasan Abdi Endowment Prize."

Resolved that proposals for the institution of "Professor Wazir Hasan Abdi Endowment Prize," as per rules appended (*Appendix I*) be placed before the Academic Council and thereafter before the Senate,

(Ac.)

**Item No. 205.08 :** Reconstitution of the Board of Studies in Mathematics and Statistics-Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for the reconstitution of the Board of Studies in Mathematics & Statistics.

Resolved that the Vice-Chancellor be authorised to re-constitute the Board of Studies in Mathematics & Statistics and the matter reported to the Syndicate.

(Ac.)

**Item No. 205.09 :** Reconstitution of Board of Studies in Applied Chemistry - Reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for the reconstitution of the Board of Studies in Applied Chemistry.

Resolved that the Vice-Chancellor be authorised to reconstitute the Board of Studies in Applied Chemistry and the matter reported to the Syndicate.

(Ac.)

**Item No. 205.10 : Reconstitution of Board of Studies in Electronics and Communication Systems - Reg.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for the reconstitution of the Board of Studies in Electronics and Communication Systems.

Resolved that the Vice-Chancellor be authorised to reconstitute the Board of Studies in Electronics and communication Systems and the matter reported to the Syndicate.

(Ac.)

**Item No. 205.11 : Award of Dr. N.K. Panicker Memorial prize for the year 1984 - Consideration of.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for fixing the quantum of the Dr. N. K. Panicker Memorial Prize for the year 1984.

Resolved that the quantum of the Dr. N. K. Panicker Memorial prize to be awarded for the year 1984 be Rs. 300/- and that the balance of the interest accrued be added to the corpus.

(Ac.)

**Item No. 205.12 : Amendments to the existing Regulations for LL.M. Degree Course passed by the Academic Council at its meeting held on 18th March 1985 - Approval of the Syndicate-Reg.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for approving and for giving date of effect to the amendment to the Regulations in respect of LL.M. degree course adopted by the Academic Council held on 18-3-1985.

Resolved that the amendment to the Regulations for the LL.M. degree course adopted by the Academic Council at its meeting held on 18-3-1985 be approved and that the date of effect of the amendments be as recommended by the Academic Council.

(Ac.)

**Item No. 205.13 : Examinations-B.G.L. Degree First Year and Second Year Courses - Panels of Paper Setters/Examiners - Consideration of.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for approving the panels of examiners/paper setters for the B.G.L. degree examinations (first year and second year) forwarded by the Course Director for BGL.

Resolved that the panel of paper setters/examiners for the B. G. L. degree examination for the 1st year and 2nd year forwarded by the Course Director of the B.G.L. degree course be approved.

(Ac.)

Item No. 205.14 : Kerala Forest Research Institute - Recognition as a Centre for Research for Ph.D. - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request of the Kerala Forest Research Institute, Peechi, for recognition as a Recognized Institution of the University.

Resolved that a committee consisting of Dr. K.C. Sankaranarayanan (Convener), Dr. K. Sathianandan and Dr. Y.L. Dora be constituted to inspect the facilities for research available at the Forest Research Institute, Peechi, and submit its report to the Syndicate.

(Ac.)

Item No. 205.15 : Registration for research for Ph.D. degree - Application-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for granting registration for research leading to the Ph.D. degree to the several applicants recommended by the respective Admission Committees.

Resolved that the candidates as in *Appendix II* be granted registration for research leading to the Ph.D. degree of the University.

(Ac)

Item No. 205.16 : Recognition as Supervising Guide-Request of Dr. (Mrs.) Ranu Gupta-Consideration of.

Defferred for consideration along with fuller details about Mrs Ranu Guptha's standing as Research Officer.

(Ac.)

Item No. 205.17 : Change of topic, guide and centre of research-Request of Smt. P. V. Usha-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request of Smt. P. V. Usha for change of topic of her research and change of supervising guide.

Resolved that Smt. P. V. Usha be required to apply for fresh registration for research with the new topic under the proposed new guide.

(Ac.)

Item No. 205.18 : Ph. D. thesis submitted by Shri P. T. Ramachandran - 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 : SOME PROBLEMS IN SET TOPOLOGY RELATING GROUP OF HOMEOMORPHISMS AND ORDER, submitted by Shri P. T. Ramachandran, part-time scholar who worked under the supervision of Dr T. Trivikraman, Professor, University Department of Mathematics & Statistics.

Resolved that the panel of experts be approved and that the Vice-Chancellor be authorised to appoint the external examiners for the evaluation of the thesis submitted by Shri P. T. Ramachandran.

(Exam.)

Item No. 205.19 : Ph.D. thesis submitted by Smt. Pereira Gladys Myrtle-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 : ENVIRONMENTAL PROTECTION PRESSURE GROUPS IN KERALA : A STUDY ON THEIR STRUCTURE, STRATEGY AND ROLE WITH SPECIAL REFERENCE TO INDUSTRIAL POLLUTION. submitted by Smt. Pereira Gladys Myrtle, fulltime research student who worked under the supervision of Prof. P. Ramachandra Poduyal of the School of Management Studies.

Resolved that the panel of experts be approved and that the Vice-Chancellor be authorised to appoint the external examiners for the evaluation of the thesis submitted by Smt. Pereira Gladys Myrtle.

(Exam.)

Item No. 205.20 : Ph.D. thesis submitted by Shri N. Ajit Kumar-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 : THE IMPACT OF THE WORKING OF

THE KERALA STATE BAMBOO CORPORATION IN THE DEVELOPMENT OF THE BAMBOO INDUSTRY IN KERALA, submitted by Shri N. Ajit Kumar, part-time scholar who worked under the supervision of Dr. Jose T. Rayyappilly, Reader, School of Management Studies of the University.

Resolved that the panel of experts be approved and that the Vice-Chancellor be authorised to appoint the external examiners for the evaluation of the thesis submitted by Shri N. Ajit Kumar.

(Exam.)

Item No. 205.21 : Exceptions / Corrections to the minutes of the meeting of the Senate held on March 28th and 29th-Reg.

The Syndicate considered the exceptions to the minutes of the meeting of the Senate held on March 28-29, 1985 taken by Dr. Joseph Francis.

Resolved that the exception to the minutes of the meeting of the Senate held on March 28-29, 1985 taken by Dr. Joseph Francis, Senator, be placed before the ensuing meeting of the Senate for confirmation/ correction.

(Conf.)

Item No. 205.22 : Collection of special fee of Rs.100/- per head from the students admitted to the post-graduate Courses of study where study tour is part of the curriculum-Reg.

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

proposal of the IUCC for levying a special fee of Rs. 100/- per head on students admitted to post-graduate courses for which study tour is a part of the curriculum.

Resolved that the recommendation of the IUCC be accepted and that the Board of Studies be requested to take suitable action for incorporating study tour as part of the syllabus in respect of the following courses.

- M.Sc. (Marine Biology)
- M.Sc. (Marine Geology)
- M.Sc. (Meteorology)
- M.Sc. (Oceanography)
- M.Sc. (Industrial Fisheries)
- M.Sc. (Mathematics)
- M.Sc. (Statistics)
- P.G. Diploma in OR & CA
- M. Sc. Applied Chemistry
- M. Tech. Electronics.

(Ac.)

**Item No. 205.23 : Appointment of co-guide-Review of Syndicate decision-Request-Consideration of.**

The Syndicate considered the request of Smt. Jessy John, research scholar, Department of Mathematics & Statistics, who was expected to work under the guidance of Dr. A. Krishnamoorthy, that she be permitted to submit her thesis for the Ph.D. degree with Dr. R. N. Pillai as her supervising teacher.

Resolved that Smt. Jessy John be permitted to submit her thesis for the Ph.D. degree under the supervision of Dr. R. N. Pillai.

(Ac.)

**Item No. 205.24 : Purchase of furniture for the department of Polymer Science and Rubber Technology.**

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal of the Head of the Department of Polymer Science & Rubber Technology for the purchase of various items of wooden furniture from F. I. T. Alwaye, at a cost of Rs. 68,626/- excluding ST & AST.

Resolved that the items of furniture as in Appendix III, at a cost of Rs. 68,626/- (Exclusive of ST and AST) be purchased from F. I. T. Alwaye for the Department of Polymer Science & Rubber Technology.

(Ad)

**Item No. 205.25 : Department of Polymer Science & Rubber Technology-Purchase of Laboratory Tables.**

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal of the Head of the Department of Polymer Science & Rubber Technology for the purchase of laboratory tables at a total cost of Rs. 95,050/- excluding ST and AST from F. I. T. Alwaye.

Resolved that laboratory tables at a total cost of Rs. 95,050/- (exclusive of ST & AST) be purchased from F. I. T. Alwaye for the Department of Polymer Science & Rubber Technology.

(Pl.)



**Item No. 205.26 :** Providing Chipping Carpet to the University Road from Ad. Block/Engineering Department to the University boundary in front of Guest House-Tender accepted and work awarded by the Vice-Chancellor-Reg.

The Syndicate noted the action of the Vice-Chancellor in having awarded the work of providing chipping carpet to the University road from the Administrative Block/Engineering Department to the University boundary ending behind the University Guest House to Shri K. M. Aliyar, Karuvilly House, Cochin-22, the only valid tenderer, at the negotiated rate of 71% above the estimate rate of 79,000/-

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

Shri S. C. S. Menon dissented.  
(Pl.)

**Item No. 205.27 :** Guest Lecturers for the Department of Industrial Fisheries.

The Syndicate noted the action of the Vice-Chancellor in having sanctioned guest lecturers for the Department of Industrial Fisheries vide U. O. No. Ac. A3/97/IF/83 dated 15.5.1985 in order to enable the Department to complete the teaching programme of the III semester of the M.Sc. degree course in Industrial Fisheries on time.

Resolved that the action of the Vice-Chancellor vide U. O. No. Ac. A3/97/IF/83 dated 15.5.1985 be ratified.

Shri S. C. S. Menon dissented.

(Ac.)

**Item No. 205.28 :** Recognition as Supervising guides granted by the Vice-Chancellor-Action-Reporting of.

The Syndicate noted the action of the Vice-Chancellor in having granted recognition to several teachers of the University as supervising teachers for research, in the context of applications for registration for research from students wanting to do research under them.

Resolved that the action of the Vice-Chancellor in having granted recognition to the following teachers of the University as research supervisors be ratified.

1. Dr. Jacob Philip Faculty of Science  
(Reader, Department of Physics.
2. Dr. Jacob Zachariah Lecturer  
Department of Mathematics & Statistics -do-
3. Dr. K. G. Balakrishnan Faculty of Technology  
Reader  
Department of Electronics
4. Dr. K. Vasudevan, Lecturer,  
Department of Electronics -do-
5. Dr. P. Sudarsanan Pillai Faculty of Social  
Lecturer Sciences  
School of Management Studies.
6. Shri M. K. Sukumaran Nair -do-  
Reader  
Department of Applied Economics.

Shri S. C. S. Menon dissented.

(Ac.)

**Item No. 205.29 : Loans and Advances to Government Servants-Recovery during May 1985 - Postponed - G. O. implemented-Ratification by the Syndicate.**

The Syndicate noted the action of the Vice-Chancellor in having adopted for implementation in the University, G.O. (P) No. 280/85 Fin. dated 16th May 1985 postponing recovery of loans and advances drawn by employees drawing a basic pay of upto Rs.1000/- per mensem.

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

(Ad.)

**Item No. 205.30 : Request for option in the Professor's scale-Dr. Y.L. Dora Professor, Department of Marine Sciences-Reg.**

Deferred for consideration at the next meeting of the Syndicate together with the recommendation of the Staff & Establishment Committee.

(Fin.)

**Item No. 205.31 : Reservation of Seats in Educational Institutions on the basis of KPCR and grant of monetary concessions - extension during 1985-86 - Adoption of G.O.-Consideration of.**

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters and Finance & Purchase, the proposal for adopting for implementation in the University, G. O. (MS) No. 99/85/H.

Edn. dated 14.5-1985 extending the existing benefits of reservation for admission and grant of monetary concessions in educational institutions for the academic year 1985-86.

Resolved that G.O. (MS) No. 99 / 85 / H.Edn. dated 14-5-1985 be adopted for implementation in the University.

(Ac.)

**Item No. 205.32 : Ph.D. thesis entitled Studies on the Copepod Fish Parasites of Kerala Coast submitted by Shri. N.K. Sasidharan Pillai - Evaluation Reports and Report of Viva Voce examination-Consideration of.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual reports of the examiners, together with the consolidated report of the Chairman, Board of Examiners, and the minutes of the viva voce examination, in respect of the Ph.D. thesis : STUDIES ON THE COPEPOD FISH PARASITES OF KERALA COAST, submitted by Shri. N.K. Sasidharan Pillai, under the supervision of Dr. M. Shahul Hameed Professor, Department of Industrial Fisheries of the University.

Resolved that Shri. N.K. Sasidharan Pillai, be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for the thesis : STUDIES ON THE COPEPOD FISH PARASITES OF KERALA COAST, submitted by him.

(Ac.)

**Item No. 205.33 : Upgradation of the post of lecturer held by Dr. S. Shajahan, Lecturer, Department of Hindi, to that of Reader - Reg.**

The Syndicate considered, along with the recommendations of the Standing Committees on Staff & Establishment and Academic Matters, the request of Dr. S. Shajahan, Lecturer, Department of Hindi, for upgradation as Reader as per the Norms for the Upgradation of Teaching posts in University Teaching Departments, together with the order of the Hon. High Court that the papers in respect of the matter submitted by Dr. Shajahan be processed and placed before the ensuing meeting of the Academic Council and of the Senate for appropriate action.

Noted that Shri Shajahan has not yet become eligible for upgradation as Reader. However, the matter may be placed before the Academic Council and the Senate as desired by the Hon. High Court.

(Ad)

**Item No. 205.34 : Subjectwise allocation of UGC Fellowships under "any given time basis" consideration of.**

Deferred for consideration at the next meeting of the Syndicate.

(Ac.)

Towards the end of the meeting the Director of Collegiate Education reported that his Directorate was engaged in a major effort in helping teachers of science subjects in colleges to update their knowledge and proposed that the Cochin University lend support to the programme by allowing its faculty to deliver extension lectures to students and teachers of post-graduate science departments of colleges in the locality.

The Vice-Chancellor responded by saying that the University would only be happy to be of help in the matter. The Director of Collegiate Education was requested to come up with specific proposals.

The meeting terminated at 1.15 p.m.

University Buildings  
Cochin University P.O.  
Cochin - 682 022

Sd/-  
REGISTRAR

7-6-1985

**APPENDIX 1 TO ITEM No. 205.07**  
**Rules for the award of "Professor Wazir Hassan**

**Abdi Endowment Prize"**

1. The Prizes shall be called "Professor Wazir Hassan Abdi Endowment Prize".
2. The Prizes shall be awarded annually beginning with the rank holders in the final examination to be held in 1985-86.
3. The prizes shall be awarded to the First Rank holders of
  - i) M.Sc. Degree in Mathematics
  - ii) M.Sc. Degree in Statistics
  - iii) P. G. Diploma in Operations Research and Computer applications

provided further that once the P.G. Diploma Course is replaced by M Sc. Degree in Operations Research and Computer applications, the prize referred to as (iii) above shall be awarded to the First Rank holder in the M.Sc. Degree in Operations Research and Computer Applications.

4. Each of the prizes to the First Rank holders of the final examinations of 1985-86 shall consist of Rs. 300/- each and shall be taken out of the amount kept with the Head of the Department for this purpose. The prizes for the first rank holders in the final examinations of 1986-87 onwards, shall consist of an amount equal to one third each, of the interest accrued on the corpus of Rs. 9000/- deposited for that purpose. Provided further that if for some reason or other, there are less than three such rank holders in a particular year, the total interest for that year shall be divided equally between the remaining rank holders.

# APPENDIX II TO ITEM No. 205.15

Details of candidates granted registration for research leading to the Ph.D. degree

Sl. No.	Name of the Applicant	Name of the Guide	Topic of Research	Title if selected	Remarks
<b>FACULTY OF MARINE SCIENCES</b>					
1.	John Mohan (Part-time) Department of Industrial Fisheries	Dr. C. T. Samuel, Prof. & Head of the Department of Industrial Fisheries	Studies on the Technology and Management of the Pre-processing units of the Seafood Industries in Kerala		
2.	Pauly K.V. (Part-time) Dept. of Industrial Fisheries	Dr. C. Hridayanathan, Reader, Dept of Industrial Fisheries	Studies on the Fishing Gear Operated in the Kerala Back waters	Same as topic	Grant of registration is subject to production of qualifying degree on or before 15th July

1	2	3	4	5	6
3.	Thomas Varkey, Dept. of Industrial Fisheries (Part-time)	-do-	Studies on the Fishing Economy of Kerala Back waters	same	-do-
4.	IPRm Kumar, K. Dept. of Industrial Fisheries (part-time)	-do-	Performance Efficiency of workers in Shrimp Processing Units in Cochin	Time use Analysis of workers Engaged in Shrimp freezing units with special reference to production	
5.	R. Sivaraja, Central Institute of Fisheries Nautical and Engineer- ing Training (Else- while Central Institute of Fisheries Operatives) (Part-time)	-do-	Studies on the performa- nce of the bottom Tralls operated along the South West Coast of India	same	

1	2	3	4	5	6
6.	Jomon Joseph, School of Marine Sciences (Full-time)	Dr. R. G. Kurup, Head, Physical Oceanography & Meteorology	Studies on the Dynamics of Cochin Estuary	Same	
7.	Benny N. Peter, School of Marine Sciences (Full-time)	Dr. G. S. Sharma, Professor, School of Marine Sciences	Circulation and Zonal Mass Transport in the Indian Ocean Region off Antarctica	Nil	
8.	Hareesh Kumar P.V. School of Marine Sciences (Full-time)	-do-	Watermass structure in North Indian Ocean	Nil	
9.	C. G. Rajendran, Department of Industrial Fisheries (Part-time)	Dr. C. T. Samuel, Head, Department of Industrial Fisheries.	Ecology of Selected Fish and Shrimp forms of Cochin Region	Same	e

1	2	3	4	5	6

## FACULTY OF LAW

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|----|---|---|---|---|---|
| 1. | Gopalakrishnan N.S. K N. Chandra-<br>Department of<br>Law (Full-time) | sekharan Pillai,<br>Reader,<br>Department of Law                | Protection of property and<br>Criminal Law-A study<br>with Special Reference<br>to Intellectual<br>property | Same  | Grant of regis-<br>tration is<br>subject to<br>production of<br>qualifying<br>degree on or<br>before 15 th<br>July. |
| 2. | A. Prasanna (w)<br>Department of<br>Law (Full-time)                   | Dr. N. S. Chandra-<br>sekharan,<br>Reader,<br>Department of Law | Forest Law  | Forest and the<br>Law: Problems<br>and Perspec-<br>tives. |   |
| 3. | Varghese T.<br>Abraham, Depart-<br>ment of Law<br>(Part-time)         | Dr. V. D. Sebastian,<br>Professor<br>Department of Law          | Law of Rent Control &<br>Eviction in Kerala   | Same  |   |

1	2	3	4	5	6
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## FACULTY OF SCIENCE

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|----|--|--|---|---|--|
| 1. | Madhusoodanan<br>T. P. (Full-time)<br>Department of<br>Mathematics &<br>Statistics | Dr. A. Krishna-<br>moorthy Reader,<br>Dept. of Maths &<br>Statistics | Stochastics Processes<br>and their Applications | — | Title of the<br>dissertation to<br>be reported |
| 2. | V. K. Ramachandran<br>Nair, Department<br>of Maths & Statistics<br>(Part-time)     | -do-   | -do-  |   | "  |

## FACULTY OF TECHNOLOGY

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|--|--|--|
| Narayanan K. K.<br>Department of<br>Electronics<br>(full time) | Dr. K. Vasudevan,<br>Lecturer, Dept. of<br>Electronics | Radiation Characteristics Nil<br>of corrugated Horn<br>Antenna |
|--|--|--|

## APPENDIX III TO ITEM NO. 205.24

Details of furniture sanctioned for the Department of  
Polymer Science and Rubber Technology.

Sl. No.	Item	Quantity Nos	Rate Rs.	Amount excluding ST & other charges Rs.
1.	Wooden Shelf for Chemicals (Rack 180×180×40cm)	12	2,307.00	27,684.00
2.	Speaker Table (Lecturer Rostrum)	1	965.00	965.00
3.	Wooden Almirah (with glass shutters) 180×90×40cms.)	3	2,675.00	8,025.00
4.	Shelf for Chemicals. (Open rack 180× 130×25 cm)	6	1,242.00	7,452.00
5.	Jefferson Chair (Plank seat and back, right side writing pad laminated top)	50	490.00	24,500.00
				<u>68,626.00</u>