

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Minutes of the 337th meeting of the
Syndicate held on Novmeber 6, 1993.

Place of meeting : Administrative Buildings,
Kochi-682 022.

Time : 11.00 a. m.

Members present:

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

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

Before the items on the Agenda were taken up for consideration, the Chairman drew the attention of the Members on the demise of prof. P. S. Velayudhan, eminent Educationist, Historian and former Member of the Syndicate and moved the following resolution which was seconded by Dr. P. Leelakrishnan.

"This meeting of the Syndicate of Cochin University of Science and Technology mourns the death of prof. P. S. Velayudhan, eminent Educationist, Historian and former Member of the University Syndicate who has made valuable contributions to the University. This meeting resolves to convey its deep condolence to the members of the bereaved family."

The members observed silence for two minutes as a mark of respect to the departed, and adopted the resolution.

Item No 337.01: Report of action taken upon the decisions of the Syndicate meetings held on 3.7.1993 (331st) and 17.7.1993 (332nd) respectively

Resolved that the action taken on the various decisions of the Syndicate at its meeting held on 3.7.1993 and 17.7.1993 be noted.

Item No.337.02: Confirmation of the minutes of the meeting of the Syndicate held on 14.10.1993.

Resolved that the minutes of the meeting of the Syndicate held on October 14, 1993 be confirmed subject to the following emendations.

1. The words 'approximately 35,000' occurring in the resolution moved by Shri P. Subramonia Iyer be replaced with the words 'thousands of'.

2. The word 'to the' occurring under item No. 336.02(2) be deleted.

3. The quoted word in the third line under item No. 336.02 (3) be corrected as 'abolished'.

4. The words 'for remuneration' be added after the word 'advance' in the second line under the decision quoted under item 336.02 (5) and the word 'sanction' be made only if the repayment is assured before the retirement of the employees' be added at the end of the quoted said decision.

5. The third sentence in the third paragraph of the items outside the agenda at zero hour be modified and split into three as under.

"Some of the members continued to express their displeasure at the ruling. The Chairman dissolved the meeting subsequently but did not leave the Chair. Immediately, for the transaction of the business of the Syndicate some members suggested the proceedings could be conducted by the pro-Vice Chancellor and in the event of his declining the proposal to chair the meeting, they would elect one of the Syndicate members to preside over the meeting"

6. The paragraph following the resolution moved by Shri M. P. M. Ishaque Kurikkal be modified as under:

"The Chairman said that he will not allow any discussion and said that he accepted the resolution."
(Conf.)

Item No 337.03: Report of the Vice-Chancellor on important developments in the University since the last

(dt. Oct. 14, 1993

1. In his letter No.VC/Ch/93-Dr. A.N. Maheshwari, Vice-Chancellor, Cochin University of Science and Technology, had requested to his parent organisation, viz., National Council for Educational Research and Training (NCERT). The Chancellor, accepted the request.

Dr. Maheshwari, in his letter No.VC /Ch / 270 / 93 dated October 28, 1993, requested the Chancellor that he might be

permitted to relinquish the charge of the office of the Vice-Chancellor with effect from October 30, 1993 F.N.

The Chancellor was pleased to order that Dr A.N. Maheshwari would be relieved of the office of the Vice-Chancellor with effect from October 30, 1993 FN and that on relief, Dr Maheshwari would report to the Director, NCERT, New Delhi. The Chancellor was also pleased to order that pro Vice-Chancellor shall perform the duties of the Vice-Chancellor as provided in Section 11 (16) of the Cochin University of Science and Technology Act, 1986 until arrangements are made by the Chancellor for exercising the powers and performing the duties of the Vice-Chancellor in accordance with Section 11 (17) of the said Act.

Dr A.N. Maheshwari relinquished charge of the office of the Vice-Chancellor of the University on the forenoon of October 30, 1993 and proceeded to New Delhi to report to the Director, NCERT. Dr. S. Balaraman, pro-Vice-Chancellor assumed the charge of the office of the Vice-Chancellor of Cochin University of Science and Technology on the forenoon of the 1st day of November 1993.

2. Dr. S. Balaraman, Vice-Chancellor, met the Hon'ble Chief Minister Shri K Karunakaran and the Hon'ble Education Minister Shri E.T. Mohammed Basheer on November 3, 1993 and apprised them of the situation.

Item No. 337.03 (A): Resolution moved by Dr. K. G. Balakrishnan and seconded by Dr. M. Shahul Hameed.

Before taking up the regular items on the agenda for consideration, Dr. K. G. Balakrishnan moved an amendment to the Regulations relating to the B.Tech. degree programme which was seconded by Dr. M. Shahul Hameed as in Appendix.

Resolved that the resolution be considered at a meeting of the Syndicate to be held on November 12, 1993 and the Standing Counsel of the University be requested to attend the meeting to offer legal opinion in the matter.

(GA & EL/Conf)

Item No. 337 03 (B) : Resolution moved by Shri S Sarma and seconded by Shri B. Raghavan.

Shri S Sarma moved the following resolution which was seconded by Shri B. Raghavan.

"from the various press statements issued by the former Vice-Chancellor Dr. A. N. Maheshwari it is alleged that he had to relinquish the post of Vice-Chancellor before the expiry of the full term of his appointment because of the intervention of the State Government preventing him from functioning according to Rules and Regulations of the Cochin University. In view of the serious allegation the Syndicate resolves to request the Chancellor to conduct a full enquiry into the circumstances that led to the situation which culminated in his leaving."

The resolution was adopted by the Syndicate. Dr. P. Lakrishnan and Dr. M. Shahul Hameed expressed their dissent.

Item No 337.04: Ph. D. thesis entitled "Geochemistry and Genesis of laterite in parts of Cannanore District, Kerala" Submitted by Shri Narayanaswamy-Evaluation reports and minutes of viva voce examination-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic matters, the individual reports of 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 submitted by Shri Narayanaswamy part-time research student who worked under the guidance of Dr K.Soman, Scientist in-charge Geo Sciences Division, CESS, Trivandrum.

Resolved that Shri. Narayanaswamy, be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for his thesis "GEOCHEMISTRY AND GENESIS OF LATERITE IN PARTS OF CANNANORE DISTRICT, NORTH KERALA".

(EA)

Item No 337 05: Ph D. thesis entitled "Application of Laser Induced photo Acoustic effect for the study of Gases and Solids" submitted by Shri A.V. Ravikumar. Evaluation reports and minutes of viva-voce examination - Consideration of

The Syndicate considered, along with the recommendation of the Standing Committee on Academic matters, the individual reports of 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 submitted by Shri. A.V.Ravikumar, full-time research student who worked under the guidance of Dr C.P.Girijavallabhan, professor, Department of physics, Cochin University of Science and Technology, Kochi-22.

Resolved that Shri A.V.Ravikumar, be declared eligible for the award of the degree of Doctor of philosophy under the Faculty of Science for his thesis "APPLICATION OF LASER INDUCED PHOTO ACCOUSTIC EFFECT FOR THE STUDY OF GASES AND SOLIDS".

(EA)

Item No 337.06: Ph D. thesis entitled "Akhilan Evam Amrithlal Nagar Ke Upanyasom Ka Silpavidhan" Submitted by Shri R Chidambaranathan. Evaluation reports and Minutes of viva voce examination Consideration of

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual 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 submitted by Shri R. Chidambaranathan, part-time research student who worked under the guidance of prof.N.Ramapada Nair (Retd.), Department of Hindi, Cochin University of Science and Technology, Cochin-22.

Resolved that Shri R. Chidambaranathan, be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Humanities for his thesis "AKHILAN EVAM AMRITHLAL NAGAR KE UPANYASOM KA SILPAVIDHAN".

(EA)

Item No.337 07: Ph.D. thesis entitled "Studies on Biology of the Clam Marcia Opima (Gmelion) from Kayamkulam Lake" Submitted by Shri Maqbool, T K., -Evaluation reports and minutes of viva voce examination - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual 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 submitted by Shri T.K. Maqbool, full-time research student who worked under the guidance of Dr. Mohamed Salih, K.Y., Reader, School of Marine Sciences.

Resolved that Shri Maqbool, T.K. be declared eligible for the award of the degree of Doctor of philosophy under the Faculty of Marine Sciences for his thesis "STUDIES ON BIOLOGY OF THE CLAM MARCIA OPIMA (Gmelin) FROM KAYAMKULAM LAKE".

(EA)

Item No.337.08: Ph.D. thesis entitled "Design Considerations of Sonar projector Arrays with improved performance" submitted by Shri Joseph, P.M. - Evaluation reports and minutes of viva voce examination - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual 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 submitted by Shri P.M. Joseph, full-time research student who worked under the guidance of Dr.P.R Saseendran pillai, Lecturer

Department of Electronics, Cochin University of Science and Technology, Cochin-22.

Resolved that Shri P.M. Joseph, be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Technology for his thesis 'DESIGN CONSIDERATIONS OF SONAR PROJECTOR ARRAYS WITH IMPROVED PERFORMANCE'.

(EA)

Item No 337 09: Ph.D. thesis entitled 'Rorest and the Law: Problems and perspectives' submitted by Smt. Prasanna, A - Evaluation reports and minutes of viva-voce examination-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual reports of the Examiners, together with the consolidated report of the Chairman, Board of Examiners and the viva-voce examination in respect of the Ph.D. thesis submitted by Smt. Prasanna, A. full time research student who worked under the guidance of Dr. N.S. Chandrasekharan, Professor, Head, Department of Law, Cochin-22

Resolved that Smt. prasanna, A. be declared eligible for the award of the degree of Doctor of philosophy under the Faculty of Law for his thesis 'ROREST AND THE LAW: PROBLEMS AND PERSECTIVES'.

(EA)

Item No.337-10: Ph.D. thesis entitled 'Studies on Cholesterol Esterase in Fish' submitted by Shri T.K. Thankappan-Evaluation reports and Minutes of viva voce examination-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual 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 submitted by Shri T.K. Thankappan, part-time research student

worked under the guidance of Dr.K Gopakumar, Scientist Central Institute of Fisheries Technology, Cochin.

Resolved that Shri T.K.Thankappan, be declared eligible for the award of the degree of Doctor of Philosophy under the Faculty of Marine Sciences for his thesis 'STUDIES ON CHOLESTEROL ESTERASE IN FISH'.

(EA)

Item No 337.11: Recognition as Research Guide-Application of Dr.Padma Nambisan, Lecturer, Centre for Biotechnology-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Dr.Padma Nambisan, Lecturer, Centre for Biotechnology for recognising her as a Research Guide under the Faculty of Science.

Resolved that Dr.Padma Nambisan be recognised as a research Guide under the Faculty of Science.

(Ac)

Item No.337.12: Ph D registration-Application from UGC/CSIR NET qualified candidates-Consideration of

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the applications from four candidates who have qualified in the UGC/CSIR NET examination for granting them full-time registration for doing research leading to the award of Ph D degree.

Resolved that the four candidates be granted full-time registration for research leading to the Ph D. degree as in Appendix II.

(Ac B)

Item No.337.13: Central Marine Fisheries Research Institute Applications for registration for doing research leading to the Ph.D. degree-Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the applications from nine candidates for granting them full time registration for doing research leading to the award of Ph.D. degree at the CMFRI

Resolved that the nine candidates be granted full-time registration for research leading to the Ph.D. degree as in Appendix III.

Item No 337 14: Recognition as Research Guide-Application of Dr. C.A. Babu, Lecturer, School of Marine Sciences.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Dr. C.A. Babu, Lecturer, Physical Oceanography and Meteorology Division, School of Marine Sciences for recognising him as a Research Guide under the Faculty of Marine Sciences

Resolved that Dr. C.A. Babu be recognised as a Research Guide under the Faculty of Marine Sciences (Ac.B)

Item No.337 15: Vacant Post Doctoral Fellowships-Awarding of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the recommendations of the Selection Committee for the award of vacant post doctoral fellowships under the Faculties of Social Science, Technology, Humanities and Law.

Resolved that:

(a) The post doctoral fellowships be awarded to those candidates who have published at least one research paper in approved journals after obtaining Ph.D. degree.

(b) Smt. Ivy Mathew and Shri. Ravi. P. who have satisfied the above requirement be awarded post doctoral fellowships under the faculties of Technology and Humanities respectively.

(c) The vacant post doctoral fellowship in the Faculty of Law be temporarily transferred to the Faculty of Science and the same be awarded to Smt. Lalaja Varghese; and

(d) The duration of the post doctoral fellowships be initially for a period of one year. (Ac.B)

Item No 337 16: Proposals for starting new joboriented self-financing courses-reg.

Resolved that the matter be placed at the next meeting of the Syndicate with all the supporting documents (Ac.A)

Item No.337.17: Model Engineering College, Thrikkakara-Full recognition granted by the Syndicate vide item No.333 09 for a period of three years.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the proposal for reviewing its earlier decision vide item No.333.09 granting full recognition to the Model Engineering College for a period of three years.

Resolved that no review need be carried for the present. (Ac.A)

Item No.337.18: Reconsideration of the grant of provisional recognition of the self-financing Engineering College, Chengannur by the Syndicate vide item No.332.03.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for reconsidering the decision to grant provisional recognition to the Self-financing Engineering College at Chengannur as per the decision of the Syndicate vide item No.332.03

Resolved that the matter be deferred for consideration at the next meeting. (Ac.A)

Item No. 337.19: Appointment of Ms. Saira Banu, D/o. Late Shri M.R. Kabir and Ms. Rinimol, P.H., D/o. Late Shri P.A. Hakkim as Clerical Assistants under the dying in Harness Scheme. Reported to the Syndicate.

The Syndicate noted the action of the vice-Chancellor in having appointed Ms. Saira Banu, D/o. Late Shri P.A. Kabir, Sergeant and Ms. Rinimol, P.H., D/o. Late Shri P.A. Hakkim, Driver as Clerical Assistants w.e.f. 18.8.1993 F.N. and 24.9.1993 F.N. respectively under the scheme of employment assistance to the dependents of University servants dying in harness.

Resolved that the action of the vice-Chancellor be ratified. (Ad.A)

Item No. 337.20: Appointment of Dr. S. Balaraman as pro-Vice-Chancellor-proposal for treating the period of appointment as on deputation-Payment of leave salary and pension contribution. Reg.

When the item was taken up for consideration Dr. S. Balaraman, pro Vice Chancellor-in-Charge, who was in the Chair, abstained the meeting and thereupon Shri K.R. Prasad chaired the meeting.

The Syndicate considered, along with the recommendations of the Standing Committees on Finance and Purchase & Staff and Establishment, the request from the Calicut University for treating the period of appointment of Dr. S. Balaraman as Pro-Vice Chancellor as on deputation from the Calicut University.

Resolved that the period of appointment of Dr. S. Balaraman as the Pro-Vice Chancellor of this University be treated as on deputation from the Calicut University and the pensionary contribution and leave salary be remitted to the Calicut University as per Rule.

As soon as the above decision was taken by the Syndicate, the Pro-Vice Chancellor-in Charge rejoined the meeting and took up the Chair.

Item No 337.21: Application of Rule 15 (c) of the Kerala State and Subordinate Service Rules to the appointment of staff in the University-Reg

(Ad.D)

The Syndicate considered, along with the recommendation of the Standing Committee on Staff and Establishment, the question of interpreting Rule 15 (c) of the Kerala State and Subordinate Service Rules to the effect that the extra benefit derived earlier by a particular community from another community shall be restored to that community at the earliest possible opportunity irrespective of the fact whether it is done against an original turn or compensation turn.

Resolved that the matter be referred to the Committee constituted for examining the observance of reservation in appointments against teaching posts and brought back to the Syndicate with the recommendations of the Committee.

(Ad.D)

Item No. 337.22: Shri Dileep K. Krishnan, Reader, Department of Ship Technology-Extension of leave for study purpose-Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Finance and Purchase & Staff and Establishment, the request from Shri Dileep K. Krishnan, Reader, Department of Ship Technology for extending the period of study leave granted to him by 8 months from 3.10.1992 to 2.6.1993 and to sanction him half pay leave from 3.6.1993 to 26.8.1993 in continuation of the study leave.

Resolved that Sri Dileep K. Krishnan be granted leave with an allowance from 05-10-1992 to 26-08-1993.

(Ad.D)

Item No. 337.23 Cochin University Law Review Printing of

The Syndicate considered, the proposal from the Head of the Department of Law to increase the subscription rates of Cochin University Law Review and to issue a general sanction for reprinting the Cochin University Law Review from March 1993 onwards.

Also resolved that an expenditure of 70 4007 be incurred during 1993-94 for printing the Law Review debiting the said expenditure to the Budget Head 12 Plan.

Resolved that the subscription rates of Cochin University Law Review be revised from March 1994 as under.

Particulars	Existing Rate		Proposed Part
	Enland	Feraing	Inland
(a) Annual Volume (4 Nos)	Rs. 120/-	\$24 or \$15	Rs. 240/- or 70
b) Single Number	Rs. 50/-	\$130 or \$24	Rs. 60/- 12 or 18
c) <u>Back Volumes</u>			
i, Annual Volume	Rs. 160/-	\$30 or \$20	Rs. 300 or 10
ii) Singla Number	Rs. 40/-	\$ 8 or \$ 5	Rs. 75/ or 10

Resolved further that the Head of the Department of Law be permitted to their maximum expenditure of R 70,400 for printing the Law Review during 1993,94 and the said expenditure be debined to the budget head 18.15 (i) Non-Plan.

Resolved also that the general sanction for printing work of Law review be trusted with M/s Maptho printers South Kalamassery be Issued.

(Ad.C)

Item No.337.24: M.Sc. Electronics a Purchase of Equipmnts Advance-Ratilication of-reg.

The Syndicate noted the action of the Vice-Chancellor in having sanctioned an amount of Rs. 1 lakh the Htea of the Department of Electornics for clearing the documents from the bank in connection with the purchase of equipm ents sanctioned by the Syndicate vide item No.150

Resolved that the action of the Vice-Chancellor be rati- (PLA)

It was decided that the remaining items or the Agenda be considered at a meeting of the Syndicate to be held on 12. 11. 1993 and thereupon the meeting came to be close at 100 p.m.

University Buildings.
Cochin-22
November 10,1993.

Sd/-
REGISTRAR

APPENDIX IAppendix to Item No.337 03 (A)Amendment to Regulations

Resolution moved by Dr.K. G. Balakrishnan and seconded
by Dr M Shahul Hameed.

On the basis of the resolution accepted by the Academic Council at its meeting held on 30.9.1993 to adopt the guidelines for admissions to engineering degree courses issued by the AICTE as contained in the Notification No F/1/11/88.T.5 (AICTE)/2134 dated 15.6.1992, for all admission to B.Tech. degree courses offered under the Faculty of Engineering of the Cochin University of Science and Technology, the Syndicate resolves that the provisions contained in Clause 1-Conditions of Admission-in the existing regulations for the B Tech. Degree Courses in Electronics Engineering, computer Engineering and Biomedical Engineering offered by the University be replaced by the following:

1 Conditions of Admission.1.1 Qualifications for admission of general category students.

The minimum qualification for admission to degree programmes in engineering should be a pass in the 10+2 Senior Secondary Examination with a minimum aggregate of 60 per cent marks in Physics, Chemistry and Mathematics obtained in a single sitting. The duration of degree programme in engineering will be 4 years after 12th standard. This will apply to cases where admissions are based on the marks in the qualifying examination and not on the basis of entrance tests.

1.2 Qualifications for admission of Scheduled Caste & Scheduled Tribe (SC/ST) students.

The minimum qualification for admission to degree programmes in engineering in respect of SC/ST candidates will be a pass in the 10+2 Senior Secondary Examination with a minimum aggregate of marks in Physics, Chemistry and Mathematics as prescribed by the State Governments obtained in a single sitting.

1.3 Entrance Tests

Admissions to the courses shall also be through an entrance examination conducted by the Commissioner of Entrance Examinations, Government of Kerala. The entrance tests should be conducted in the subjects of physics, Chemistry and Mathematics at 10+2 level. The minimum marks for eligibility for the entrance test need not be prescribed and all students who have passed the qualifying examination may be permitted to appear in the entrance test. Only the marks obtained in the entrance test should be the basis for admission. The admission for reserved categories should be strictly on the basis of merit of the respective categories in the test.

1.4 Matters concerning admission procedure, fees, etc. will be prescribed by Rules published in the prospectus for the courses by the Colleges from time to time.

Thus the amended Clause 1. Conditions of Admission will read as follows:

1. Conditions of Admission.1.1 Qualifications for admission of general category students

The minimum qualification for admission to degree programmes in engineering should be a pass in the 10+2 Senior Secondary Examination with a minimum aggregate of 60 per cent marks in Physics, Chemistry and Mathematics obtained in a single sitting. The duration of degree programme in engineering will be 4 years after 12th standard. This will apply to cases where admissions are based on the marks in the qualifying examination and not on the basis of entrance tests.

1.2 Qualifications for admission of Scheduled Caste Scheduled Tribe (SC/ST) students.

The minimum qualification for admission to degree programmes in engineering in respect of SC/ST candidates will be a pass in the 10+2 Senior Secondary Examination with a minimum aggregate of marks in Physics, Chemistry and Mathematics as prescribed by the State Governments obtained in a single sitting.

1.3 Entrance Tests

Admissions to the courses shall also be through an entrance examination conducted by the Commissioner of Entrance Examinations, Government of Kerala. The entrance tests should be conducted in the subjects of Physics, Chemistry and Mathematics at 10+2 level. The minimum marks for eligibility for the entrance test need not be prescribed and all students who have passed the qualifying examination may be permitted to appear in the entrance test. Only the marks obtained in the entrance test should be the basis for admission. The admission for reserved categories should be strictly on the basis of merit of the respective categories in the test.

1.4 Matters concerning admission procedure, fees, etc. will be prescribed by Rules published in the prospectus for the courses by the Colleges from time to time.

The Syndicate also resolved that the above mentioned amendment shall come into operation w.e.f. 15.6.1992.

APPENDIX II

Appendix to Item No. 337 12

List of UGC/CSIR NET qualified candidates for research leading to the Ph.D. degree full-time registration

Sl. No.	Name and address of the candidate	i) Name of Research Centre of Faculty under which Ph.D. registration is required	ii) Nature of registration	iii) Topic of research	Date of provisional registration/ Date of joining
1	Biji Oommen Jacob Eattickal House Mundiappally P.O. Thiruvalla.	Dr. V.N. Sivasankara Pillai Department of Applied Chemistry	Full-time	Application of separation Science to Environmental problems.	1.4.1993
2	Nandakumar, M.V. Mecheril House Parayakkad N.Parur.	Dr P.Madhavan Pillai Department of Applied Chemistry	-do-	Studies on Novel Hetero-cyclic systems.	31.5.1993

Sl. No.	Name and address of the candidate	i) Name of Research Guide ii) Centre of Research iii) Faculty under which Ph.D. registration is required	Nature of registration	Topic of research	Date of provisional registration/ Date of joining
3	Saritha G.Bhat B/787, T.D.East Gate Mattancherry, Kochi-2	i) Dr I.S Bright Singh ii) School of Environmental Studies iii) Environmental Studies	-do-	System saend Srology vibrionaceae associated with Larvae of Prawn.	17.7.1903
4	Jayasree, S. Karumadathil House Perumpadavom Kottayam.	i) Dr.G.S.Selvam ii) Centre for Biotechnology iii) Science	-do-	Isolation and characterisa- tion of the Growth Hormones (GH) Coding Genein <u>Peraeus</u> <u>Sps.</u>	14.7.1993

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APPENDIX III

APPENDIX III TO TO ITEM NO.337.13

List of candidates, be granted full-time registration for research leading to the Ph D. degree.

Sl. No.	Name and address of the candidate	Name of Supervising Guide	Nature of registration	Topic of Research approved	Date from which provision registration is granted
1	Anil, M.K. Madhavankonath Veliyam P.O. Quilon 691 540.	Dr.C Suseelan	Full-time	Studies on the mud crabs of Genus Scylla along the Kerala Coast.	4.1.1993
2	Sini Joys Mathew Pillachira Mini Sini Bhavan Mannarghat Palghat 678 582.	Dr.K.Rengarajan	-do-	Marine Bacteriology and Pathology	2.1.1993

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Sl. No.	Name and address of the candidate	Name of Supervising Guide	Nature of registration	Topic of Research approved	Date from which provision al registration is granted
3	Abdussamad, E.M. Eruppakkottil House Peringala P.O. Kumarapuram (Via.) Ernakulam 683 565.	Dr K.Alagaraja	do	Population characteristics of Prawns in natural and selective stocking systems.	4.1.1993
	Madhu,K. Plavila Veedu Adichanalloor P O. Kollam.	Dr.M.M Thomas	-do-	Genotoxicity studies on Fishes	1.1.1993
5	Remesan, M.P. Melathuparambil House Ezhome Post, Kannur 670 334.	Dr.P.Bensam	-do-	Ecology and production of LABLAB	22.12.1992
6	Cheryl Hyacinth Fernandez Jos Mary Villa	Dr P.S.B.R.James	Full-time	Cehemoreception Studies	4.1.1993

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Sl. No.	Name and address of the candidate	Name of Supervising Guide	Nature of registration	Topic of Research approved	Date from which provision al registration is granted
	Correya Road Vaudthala P.O. Kochi-682 023.				
7	Shirley Thomas 29/2325 Valloor Road Poonithura Post Kochi 682 317.	Dr. (Mrs.)Sivakami	-do-	Evaluation of nonconvention- al and alternate feed resources for penacid pawn <u>Penaeus indicus</u>	23.12.1992
8	Shoji Joseph Vadakledath (Nediyazhathu) Padinjarekara P.O. Kottayam 686 146.	Dr.A.D.Diwan	-do-	Studies on reproductive endocrinology of tiger prawn <u>Penaeus monodon</u> fabricus.	2.1.1993
9	Josileen Jose Cherayath Mundamani House Koodapuzha, Chalakudy Trichur 680 307.	Dr.N.Gopinatha Menon	-do	Eco-biology of predatory fishes in the traditional culture systems.	21.1993

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