

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Minutes of the 252nd meeting of the Syndicate held on 4-2-1989

Place of meeting : Administrative Buildings
Cochin - 22

Time : 11.00 a. m.

Members present

1. Dr. Harsh K. Gupta (in the Chair)
Vice-Chancellor
2. Prof. C. A. Abdussalam
Pro-Vice-Chancellor
3. Dr. Y. L. Dora
4. Shri. T. N. Jayachandran
5. Shri. Joseph Puthussery
6. Prof. Joseph Skariaff
7. Dr. M. G. Krishna Pillai
8. Shri. G. K. Pillai
9. Dr. Paul A. Vatakencherry
10. Shri. Thiruvanchoor Radhakrishnan
11. Dr. V. D. Sebastian
12. Shri. A. Thankappan

Also present : Shri. V. J. Pappoo, Registrar

Before the items on the Agenda were taken up for consideration, the Vice-Chancellor placed before the meeting, the requests from Shri. Ishaque Kurikkal MLA and Shri P. P. Thankachan MLA for restoring them to the membership of the Syndicate as they could not attend three meetings of the Syndicate consecutively...

Having considered the requests, the Syndicate resolved that Shri P.P. Thankachan MLA and Shri Ishaque Kurikkal MLA be restored to the membership of the Syndicate of the Cochin University of Science and Technology

Shri. P. P. Thankachan, MLA attended the meeting after the above resolution was adopted by the Syndicate.

Item No. 252 01: Confirmation of the minutes of the meeting of the Syndicate held on 17-1-1989.

Resolved that the minutes of the 251st meeting of the Syndicate held on 17-1-1989 be confirmed subject to the following amendments.

1. The resolution under Sl. No. 5 in Item No. 251.01 be modified as under:

"Resolved that a Viva Board be constituted by the Vice-Chancellor from the panel of examiners with atleast one of the examiners who valued the thesis, and the new examiners be given Rs. 100/- each for reading the thesis."

1. The last sentence under Sl. No. 6 in item No. 251.02 be shown separately as Sl. No. 7.
3. The resolutions under Item No. 251.07 be replaced with the following resolution.

"Resolved that no fees shall be collected from those candidates continuing their research in the University Departments with fellowships even after submission of thesis as they cease to be students on submission of thesis"

4. The resolution under item No. 251.08 be modified as under:

"Resolved that Scholarships @ Rs. 200/- p. m. be sanctioned to all the M. Phil students who are not getting scholarships @ Rs. 300/- p. m. and the intake for the M. Phil programmes be restricted to the present strength"

5. The resolution under item No. 251.22 be modified as under:

"Resolved that the action of the Vice-Chancellor be ratified subject to limiting the hours of lecture to 50."

Item No. 252.02: Report of the Vice-Chancellor on important developments in the University since the last meeting.

1. The Ministry of Human Resources Development Government of India has approved the plan scheme for creation of Infrastructure in areas of emerging technology in the School of Technology and sanctioned a grant-in-aid of Rs. 12.00 lakhs for the development of CAD/CAM Lab and Development of CAD-Hardware and software during the VII plan period. The main expenditure out of the grant will be on the purchase of equipments.
2. The Ministry of Human Resources Development Government of India has approved the plan scheme for expansion of facilities in bio-technology to the Department of Applied Chemistry and sanctioned a grant-in-aid of Rs. 10.00 lakhs.

3. The postponed visit of the UGC Expert Committee for VII Plan mid-term appraisal is scheduled for 22nd, 23rd and 24th February 1989.
4. Mr. Anil Bordia, Secretary, Ministry of Human Resources Development, New Delhi visited the University on 27 January 1989. He also visited a few Departments of the University and expressed appreciation of the activities of the University and suggested that proposals for the overall development of the University to the tune of about 100 lakhs if submitted may be considered for special assistance by the Ministry.
5. Justice M. P. Subramonian Potti delivered the Public Law Lecture at the Department of Law on 2, 3 and 4 February 1989. The Lectures will be on Legislative Activism & Environmental Development.
6. Prof. M. S. Nitulin, Steklov Institute of Mathematics, Leningrad, USSR addressed the staff and students of the Mathematics Department of the University on February 3, 1989.
7. A national Seminar on Microprocessor Applications and Personal Computers will be organised by the Department of Electronics of the University from 21-28 February 1989.

8. The Department of Hindi in connection with the Silver Jubilee Celebration will be holding a seminar on "Chhayavad Period" with special reference to "Jayasanker Prasad" on February 16-18, 1989.

9. The Kerala State Committee on Science, Technology and Environment has proposed to hold a State Science Congress at the University on 25, 26 and 27 February 1989. About 200 delegates are expected to participate in the Congress. The expenditure connected with the holdings of this Congress will be met by the Kerala State Committee on Science Technology and Environment. The University may have to make available the SMS auditorium, the lecture theatres in various departments and the rooms in the Guest House free of charges. Shri. E. K. Nayanar, Hon'ble Chief Minister of Kerala is expected to inaugurate the Congress.

10. A seminar on Environmental awareness will be organised by the students of the Applied Chemistry Department on February 18 and 19, 1989. The Seminar is partly financed by the Department of Environment, Government of India and partly by some Industrial organisations in the area. It is expected that Shri. Z. R. Ansari, Hon'able Minister for Forest and

Environment, Government of India is expected to inaugurate the seminar.

11. The Construction of the new hostel for the Women students and the Working Women's Hostel are almost completed. It is proposed to inaugurate these two hostels within the next two weeks by organising an appropriate function.

Item No. 252.03: **Charge of topic of research - Request of Shri. Padmalal D., Full-time research scholar - consideration of.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Shri. Padmalal D., full-time research scholar working under the guidance of Dr. P. Seralathan in the school of Marine Sciences for permission to change his topic of research from "Sedimentology, Geochemistry and Hydrochemistry of Polar River and Delta, Tamil Nadu East Coast of India" to "Mineralogy and Geochemistry of Muvattupuzha River and Central Vembanad Lake, Kerala, India".

Resolved that Shri. Padmalal D. be permitted to change his topic of research from "Sedimentology,

Geochemistry and Hydrochemistry of Polar River and Delta, Tamil Nadu-East Coast of India" to "Mineralogy and Geochemistry of Muvattupuzha River and Central Vembanad Lake, Kerala, India". On condition that he will be eligible for submission of Ph. D. Thesis only after six months,

(Ac. B)

Item No. 252.04: Registration for research - Change of topic of research - Request of Sri. Rajan Varghese - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Shri. Rajan Varghese, Part-time research scholar working under the guidance of Dr. A. Krishnamoorthy in the University Department of Mathematics and Statistics for permission to change his topic of research from "Sampling inference and stochastic models" to "stochastic Modelling".

Resolved that the request of Shri. Rajan Varghese for changing his topic of research from "Sampling inference and stochastic models" to "Stochastic Modelling" be granted on condition that he will be eligible for

submission of Ph. D. thesis only after a period of six months from this date.

(Ac.B.)

Item No. 252.05: Recognition as research guide - Application of Dr. A. M. Varkey - consideration of -

The syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the request from Dr. A. M. Varkey, Lecturer, Department of Law, for recognising him as supervising teacher for guiding research work of Ph. D. students under the Faculty of Law.

Resolved that Dr. A. M. Varkey be recognised as a supervising teacher under the Faculty of Law.

(Ac.B)

Item No. 252.06: Recognition as research guide - application of Dr. K. Gopakumara Warriar, Scientist-C, Regional Research Laboratory, Trivandrum - consideration of

The Syndicate considered, along with recommendation of the Standing Committee on Academic Matters, the request from Dr. K. Gopakumara warrier, Scientist-C, Regional Research Laboratory, Trivandrum, for recognising as supervising teacher for guiding research work of Ph. D. students under the Faculty of Science.

Resolved that Dr. K. Gopakumara Warriar, Scientist-C, Regional Research Laboratory, Trivandrum be recognised as a Research guide under the Faculty of Science and that only one candidate be granted Ph. D. registration under his guidance during the current Academic year.

Resolved further that no other person from the Regional Research Laboratory be granted recognition as research guide of the University during the next one year period.

(Ac.B.)

Item No. 252.07: Ph. D. thesis entitled "Purification and Characterisation of Glucose 6-Phosphates Dehydrogenase in fish" submitted by Shri P. T. Mathew, 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 report 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 "PURIFICATION AND CHARACTERISATION OF GLUCOSE - 6. PHOSPHATES DEHYDROGENASE IN FISH" by submitted Shri P. T. Mathew, Part-time research student who worked under the guidance of Dr. K. Gopakumar, Scientist S4, Joint Director, C. I. F. T. Cochin-29.

Resolved that the Vice-Chancellor be authorised to take appropriate decision in the matter after examining the views of the external examiners.

(E.A.)

Item: No. 252.08: Ph. D. thesis entitled "export-import and Interstate Sales- A study in Tax Law" submitted by Sri. K. B. Mohamed Kutty. Evaluation Reports and Report of

viva voce examination and open defence - Consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual report of the Examiners, together with the consolidated report of the Chairman, Board of Examiners and the minutes of the viva voce examination and the open defence in respect of the Ph. D. thesis 'EXPORT-IMPORT AND INTERSTATE SALES - A STUDY IN TAX LAW' submitted by shri K. B. Mohamed Kutty, part-time research student who worked under the guidance of Dr. N. S. Chandrasekharan, Reader, Department of Law of the University.

Resolved that Sri.K. B. Mohamed Kutty be declared eligible for the award of Doctor of Philosophy under the Faculty of Law for his thesis "EXPORT-IMPORT AND INTERSTATE SALES -A STUDY IN TAX LAW"

(E.A)

Item No. 252.09: **Ph. D. thesis entitled "Combined Toxic effects of oil and pesticides on selected Marine Invertebrates" submitted by Sri. Jose P. Jacob.**

Evaluation Reports and Report of viva voce examination-consider- ation 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 "COMBINED TOXIC EFFECTS OF OIL AND PESTICIDES ON SELECTED MARINE INVERTEBRATES" submitted by Sri. Jose P. Jacob, full-time research student who worked under the guidance of Dr. N. Ravindranatha Menon, professor School of Marine Sciences of the University.

Resolved that Sri. Jose P. Jacob be declared eligible for the award of Doctor of Philosophy under the faculty of Marine Sciences for his thesis "COMBINED TOXIC EFFECTS OF OIL AND PESTICIDES ON SELECTED MARINE INVERTEBRATES".

(E.A)

Item No. 252.10: **Thesis submitted by Mr. M. Madhupratap for D. Sc. Degree**

Approval of Panel and Appointment of Examiners - reg.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the proposal for approving the panel of experts and constituting Board of Examiners for evaluating the thesis submitted by Dr. M. Madhupratap, Scientist, N. I. O., Goa for the award of D. Sc. Degree under the Faculty of Marine Sciences.

Resolved that the Vice-Chancellor be authorised to examine and suggest whether the thesis submitted by Dr. M. Madhupratap for the award of D. Sc. Degree satisfies the requirements for initiating steps for constituting Board of examiners for evaluating thesis.

(E.A.)

Item No. 252.11: Ph. D. Registration - Application of Sri. Ajaikumar. V. - Consideration of -

The Syndicate considered, along with the recommendation of the Standing Committee on Academic matters, the application from Shri Ajaikumar, V. for granting

registration for doing full-time research on the topic "Microstrip Antenna Design" under the guidance of Dr. K. Gopalakrishnan Nair in the University Department of Electronics.

Resolved that Shri Ajai Kumar, V. be granted registration for full-time research on the topic "Microstrip Antenna Design" under the guidance of Dr. K. Gopalakrishnan Nair in the Department of Electronics.

(Ac.B)

Item No. 252.12: Registration for full-time research for Ph. D. degree - Application of Smt. Mary K. Manisseri - consideration of

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the application from Smt. Mary Manissery, Scientist S2 CMFRI, for granting registration for doing full-time research on the topic "Investigations on stress and energetics in Decapod crustaceans" under the guidance of Dr. N. Ravindranatha Menon in the School of Marine Sciences.

Resolved that Smt. Mary K. Manissery be granted registration for full-time research on the topic "Investigations

on stress and energetics in Decapod crustaceans" under the guidance of Dr. N. Ravindranatha Menon in the School of Marine Sciences.

(Ac.B.)

Item No. 252.13: **M. Sc. Computer Software programme sponsored by the Defence Research and Development Organization - changes/amendments in the Agreement (Memorandum of understanding) and Surety bond - for consideration.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the changes/amendments made by the DRDO in the Memorandum [of Undertaking and in the surety bond to be executed by the stipendary for admission to the M. Sc. Degree Course in Computer Software, and the proposal for making necessary amendments in the Regulations prescribed for the course.

Resolved that changes required in the Regulations be pointed out specifically by the office sufficiently

early for detailed consideration by the the Syndicate at the next meeting.

(Ac.A)

Item No. 252.14: **Hostel Rent - Insisting of Clearance Certificate for admission to University Examinations.**

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the suggestions made at the meeting of the Heads of Departments to insist production of rent clearance certificate by the students before admitting to the University examinations.

Resolved that:

I) Production of Rent Clearance Certificate by the students from the Chairman, Council of Wardens by insisted upon before admitting to the University examinations.

II) Steps be initiated for including necessary provision in the Regulation regarding production of rent clearance certificate before admitting to the University examinations and the matter be referred to the Academic Council.

III) The recommendations of the Standing Committee on Academic Matters that a full-time Warden be appointed for the Hostels, be placed before the Syndicate as a separate item, incorporating in the Note all the relevant details.

(E.A.)

Item No. 252.15: Purchase of Computer devices utilising GOI funds released for the project on Modernisation of Central Library.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal from the Head of the Department of Computer Science for purchasing Computer Systems at a total cost of Rs. 4.29 lakhs from M/s. Wipro Information Technology Ltd., for the modernisation of the Central Library, meeting the expenditure from the funds sanctioned by the Government of India, and for drawing 90% of the amount as Advance.

Resolved that the Head of the Department of Computer Science be permitted to purchase Computer Systems at a total cost of Rs. 4.29 lakhs from M/s. Wipro Information Technology Ltd., for the modernisation

of the Central Library and that the Head of the Department be authorised to draw Rs. 3.36 lakhs as advance for effecting the purchase.

(PLA)

Item No. 252.16: **Purchase of Rubber Mixing Mill utilising UGC special assistance for purchase of equipments.**

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal from the Head of the Department of Polymer Science and Rubber Technology for the purchase of Rubber Mixing Mill from M/s. Santosh Industries, Bombay at a reduced cost of Rs. 2 lakhs.

Resolved that the Head of the Department of Polymer Science and Rubber Technology be remitted to purchase Rubber Mixing Mill from M/s. Santosh Industries, Bombay, at a cost of Rs. 2 lakhs, utilising the special assistance sanctioned by the UGC.

(PLA)

Item No. 252.17: Ph D. thesis entitled "Circulation and Zonal mass Transport in the

Indian Ocean region off the Antarctica" submitted by Sri. Benny N. Peter. Evaluation Reports and Report of viva voce examination and open defence consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the individual report of the Examiners, together with the consolidated report of the Chairman, Board of Examiners and the "minutes of the viva voce examination and the open defence in respect of the Ph. D. thesis "CIRCULATION AND ZONAL MASS TRANSPORT IN THE INDIAN OCEAN REGION OFF THE ANTARTICA" submitted by Sri. Benny N. Peter, full-time research student who worked under the guidance of Dr. G. S. Sharma, Retired Professor, School of Marine Sciences of the University.

Resolved that the matter be deferred for consideration at the next meeting of the Syndicate.

(E.A.)

Item No. 252.18: **Sri A. K. Gopinathan Nair, Driver- Request for legal assistance from**

the University to conduct the case involving him - Reg.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment and Finance & purchase, the request from Sri. A. K. Gopinathan Nair, Driver for providing him legal assistance from the University for the conduct of a case relating to a road accident while he was driving the University bus, pending before the Second Class Magistrate Court, Alwaye.

Resolved that reasonable expenses incurred by Shri A. K. Gopinathan Nair, or engaging a lawyer to conduct the case be reimbursed to him.

(Ad.A)

Item No. 252.19: **Purchase of air conditioners for family units in Guest House.**

The Syndicate considered along with the recommendation of the Standing Committee on Finance & Purchase, the proposal from the University Engineer for purchasing two numbers of Air Conditions and Voltage stabilizers for air conditioning the family suits of the Guest House.

Resolved that the University Engineer be authorised to purchase 2 Nos. Fedders Lloyd 1.5 Ton capacity window model air conditioners complete with all accessories and 2 Nos. 4 KVA Voltage Stabilizer at a total cost of Rs. 51,477/- from M/s. Fedders Lloyd Corporation Private Limited for air conditioning the family suits in the Guest House.

(PLA)

Item No. 252.20: Appointment of Legal Adviser.

The Syndicate considered, along with the recommendation of the Standing Committee on Staff and Establishment, the proposal for extending the period of appointment of Shri C. K. Sivasankara Panicker as the Legal Adviser of the University.

Resolved that the period of appointment of Shri. C. K. Sivasankara Panicker, Advocate, Chittoor Road, Ernakulam as the Legal Adviser of the University be extended for a further period of three years w.e.f. 6.7.1988 under the existing terms and conditions.

(GA & EL.)

Item No. 252.21: Ph. D. thesis entitled "Theory of differential inequalities with applications to singular Perturbation problems and method of Lines" submitted by Smt. V. M. Sunandakumari - 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 report 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 "THEORY OF DIFFERENTIAL INEQUALITIES WITH APPLICATIONS TO SINGULAR PERTURBATION PROBLEMS AND METHOD OF LINES" submitted by Smt. V. M. Sunandakumari, part-time research student who worked under the guidance of Dr. N. Ramanujam, Reader, Department of Mathematics and Statistics of the University.

Resolved that Smt. V. M. Sunandakumari be declared eligible for the award of Doctor of Philosophy under the

Faculty of Science for her thesis "THEORY OF DIFFERENTIAL INEQUALITIES WITH APPLICATIONS TO SINGULAR PERTURBATION PROBLEMS AND METHODS OF LINES."

(E. A.)

Item No. 252.22: Opening of New Head of Account under the Head 13 [1] School of Marine Science -[c] Physical Oceanography Division - Reporting of.

The Syndicate noted the action of the Vice-Chancellor in having accorded sanction to open a new sub Head of Account under the Head "13 (1) School of Marine Sciences (c) Physical Oceanography Division and provided Rs. 1, 50, 000/- by diversion from "27 (1) Centre for Ocean Sciences & Engineering."

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

(Fin.)

Item No. 252.23: Construction of an Over Head Water Tank and one Low level water tank at the University campus.

The Syndicate considered, along with the recommendations of the Standing Committees on Finance and purchase and Works, the estimate prepared by the University Engineer amounting to Rs.8 lakhs for the construction of an O. H. Tank and Rs. 4.5 lakhs for a low level tank in the University campus.

Resolved that the estimate amounting to Rs. 8 lakhs for the construction of an O.H. tank be approved and the work be put to tender,

(PLA)

Item No. 252.24: Construction of a building for the electrical substation No.II.

The Syndicate considered, along with the recommendations of the Standing Committee on Finance and purchase, and Works, the estimate amounting to Rs.3 lakhs for the construction of a building for the electrical sub-station No. II.

Resolved that the estimate amounting to Rs. 3 lakhs be approved and the work be put to tender.

(PLA)

Item No. 252.25: Minutes of the meeting of the building Committee held on 25.1.1989.

The Syndicate noted the minutes of the Building Committee.

The Syndicate also considered, along with the recommendations of the Standing Committee of the Syndicate on Works, the proposals for the construction of a Modern Lecture Theatre and an Open Air Auditorium with a minimum seating capacity of 250.

Resolved that :

- (i) the rough plans and estimates be approved.
- (ii) the work of preparing detailed plans and estimates be entrusted with the LBS Centre for Science & Technology.
- (iii) The University Engineer be asked to negotiate with the LBS Centre for Science & Technology to reduce the rates quoted by them for preparing plans and estimates.
- (iv) The estimates of the Open Air Auditorium be prepared separately for

- (a) Dias
- (b) Earth works in the area set apart for seats
- (c) Concrete works in the area set apart for seats.

Resolved further that the UGC be requested to make available special assistance for the construction of the lecture theatre and open air auditorium.

Resolved also to request the State Government to make available special assistance of Rs. 15 lakhs to the University for the conduct of the Indian Science Congress, 1990.

(PLA)

Item No. 252.26: Constuction of a Seven Storeyed building at the Lakeside campus.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the rough cost estimate prepared by the University Engineer for the preparation of architectural sketch and design, architectural working drawing, structural design and drawings, detailed estimate and abstract of estimate and soil testing for the 7 storey building proposed to be constructed at the Lakeside Campus and the proposal

for entrusting the above works to M/s. LBS Centre for Science and Technology.

Resolved that the matter be deferred for detailed consideration after obtaining a report from the Standing Committee of the Syndicate on Works regarding the location of the building.

(PLA)

Item No. 252 27: Construction of an Open Air Auditorium- Revised drawing for approval.

The Syndicate considered, along with the recommendation of the Standing Committee on Works the revised drawings and rough estimates for the Open Air Theatre and the request from M/s. LBS Centre for sanctioning an amount of Rs. 2980/-towards charges for conducting contour survey of the site for the theatre.

Resolved that the drawings and the rough estimate amounting to Rs. 26 lakhs be approved. It was also resolved that the LBS Centre be entrusted with the work of preparing detailed plans and estimates.

Resolved further that M/s LBS centre for Science and Technology be paid Rs. 2980/- towards charges for conducting the contour survey of the site of the theatre.

(PLA)

Item No. 252.28: Works - Purchase of transformer.

The Syndicate considered, along with the recommendation of the Standing Committee on Works, the proposal from the University Engineer for purchasing 2 Nos. of Transformers from M/s. Kerala Electrical and Allied Engineering Co. Ltd., Mamala at a cost of Rs. 1,40,000/- and to pay 40% of the cost as advance.

Resolved that two 250 KVA 11 KV/433v 3 phase 50c/s on cooled aluminium wound indoor type transformer with cable box on HT and LT sides, first fill of transformer oil, tapplings + 2" 5% + 5% and standard conforming to IS 2026/77 be purchased from M/s. Kerala Electrical and Allied Engineering Company Ltd., Mamala, at a total cost of Rs. 1,40,000/-and to incur the packing, loading, unloading and handling charges.

Resolved further that 40% of the cost be paid as advance.

(PLA)

Item No. 252.29: Purchase of Computer System PC/AT for the Department of Physics.

The Syndicate considered, along with the recommendation of the Standing Committee on Finance & Purchase, the proposal for purchasing Computer systems for the Department of physics at a total cost of Rs. 1,26,578/- from M/s. DCM data products.

Resolved that the Head of the Department of Physics be permitted to purchase the following Computer System from M/s. DCM Data products at a total cost of Rs. 1,26,578/- and the Head of the Department of Physics be authorised to draw the amount as advance.

Sl. No.	Item	Qty.	Price Rs. Ps.
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1. Hardware
 DCM PS/386 with Intel 30386 at 16 MHZ 2MB RAM memory One No. 360 KB/ 1.2 MB dual density floppy drive One No. 70MB hard disk drive monochrome monitor and key board with

1	2	3	4
CGA Real time Clock Serial and Parallel interface,	1 No.	100645.00	
Optionals			
80387 Coprocessor	1 No.	21000.00	
Software			
1) UNIX 5.3 operating system with 'C' & 'MX' NET development system (free supply) costing Rs. 25,000/-			
2) MS DOS 4.01 later version		2500.00	
	Total		Rs.124145.00
CST 2% will be extra on the hardware			

[PLA]

Item No. 252.30: Revised norms for upgradation of teaching posts.

The Syndicate noted the action of the Vice-Chancellor, subject to ratification by the Syndicate, in having approved the modification suggested by the Academic Council, and adopted the 'norms for upgradation of teaching posts,' w.e.f. 26.11.1988.

Resolved that the action of the Vice-Chancellor in having adopted the Norms for Upgradation of teaching post as in Appendix I be ratified.

(Ad.D)

**Item No. 252.31: Filling up of Teaching posts -
Recommendation of the Selection
Board - Consideration of - Reg.**

The Syndicate considered the recommendation of the various selection committees constituted for conducting interviews for appointment the vacant posts of professors, Readers and Lecturers in the University.

Resolved that the recommendation of the Selection Committee as in Appendix II be approved and appointments made observing the relevant rules in the matters.

Resolved further that Smt. K. Girija who has been ranked for the posts of Lectures with specialisation in production/Personal Management and Business Administration be granted three advance increments as recommended by the Selection Board.

Resolved also that the teaching posts for which suitable candidates were not available along with all the existing vacancies be advertised immediately.

(Ad.D)

The meeting came to a close at 1.30 p.m.

University Buildings,
Cochin-22
Dated: 10.2.1989.

Sd/

REGISTRAR

APPENDIX I TO ITEM NO. 252. 30

In exercise of the powers conferred by Section 24 (ii) (h) read with Section 42 of the Cochin University of Science and Technology Act 1986 (31 of 1986) the Academic Council of the said University hereby make the following Regulations for the upgradation of teaching posts in the University. These regulations supersede the existing norms for the upgradation of teaching posts and shall come into effect from 26-11-1988.

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

1. The Reader should have a doctorate degree or equivalent published work as assessed and accepted by a Committee of three experts appointed by the Vice-Chancellor and should have put in atleast 6 years of service as Reader in the University.
2. He should have atleast three years standing as an approved research guide at the doctorate level and be actively engaged in research as Reader.
3. He should have guided research at the doctorate level and at least one person should have taken

the doctorate degree under his guidance during the period of his qualifying service at the University.

4. He should have published during his tenure as Reader atleast three research papers in his field of study in standard research journals of national and international repute approved by the Board of Studies.

5. In departments where there is no Ph. D. programme or where 5 years have not elapsed after the institution of Ph. D. programme, evidence that a person has been actively engaged in research for not less than 5 years and has produced published work of acceptable standard as assessed by a committee of three experts constituted by the Vice-Chancellor may be accepted as satisfying the requirements of Regulations 2 and 3 above.

B. Upgradation of the post of Reader to professor on the basis of length of service.

1. The Reader should have a Doctorate or equivalent published work as assessed and certified by a committee of three experts appointed by the Vice-Chancellor.

2. He is a recognised Research Guide at the doctorate level;

provided that in Departments, where there is no Ph. D. programme, three papers published by him while serving as a Reader, and approved by a committee of three experts constituted by the Vice-Chancellor may be taken as equivalent to being a research guide at the doctorate level.

3. He has put in a minimum of 25 years of service in the University in a teaching post of and above the lecturer's grade or an equivalent teaching post of which not less than 9 years shall be as a Reader
4. His suitability for the post of professor has been assessed and accepted by a Committee constituted with the following members:

- i) the Vice-Chancellor (Chairman)
- ii) a member deputed by the Syndicate
- iii) an expert nominated by the Vice-Chancellor

C. Upgradation of the post of Lecturer to that of Reader on the basis of merit.

1. The Lecturer should have obtained a Ph. D. Degree.
2. The Lecturer should have put in 8 days of service as a Lecturer in the University.
3. He should be an approved research guide at the doctorate level and be actively engaged in research as a Lecturer.

Provided that in departments where there is no research programme or where 5 years have not elapsed after the institution of the research programme evidence of published work of standard acceptable as equivalent to Ph. D. as assessed by a Committee of three experts appointed by the Vice-Chancellor may be taken as satisfying the requirements of Regulations 1 and 3 above.

4. He should have published atleast two research papers in his field of study in standard research journals of national and international repute approved by the Board of Studies.

D. Upgradation of the post of Lecturer to that of Reader on the basis of length of service

1. The Lecturer should have put in 10 years service as Lecturer in the University.
2. He should have to his credit research publications of high standard as assessed and certified by a committee of three experts constituted by the Vice-Chancellor.
3. His suitability for the post of Reader should be assessed and accepted by a committee constituted with the following members:

- i) the Vice-Chancellor (Chairman),
- ii) a member deputed by the Syndicate
- iii) an expert nominated by the Vice-Chancellor

E. General

1. For the purpose of these regulations only the service rendered in the Cochin University of Science and Technology or the preceeding service in the University of Cochin or in the Kerala University will be reckoned.
2. For reckoning services in any grade (like that of Lecturer or Reader) only following shall be included.

- i) All duty in that grade including holidays and vacations.
 - ii) Earned Leave.
 - iii) Half Pay Leave or commuted leave not exceeding 120 days at a time.
 - iv) Any other period treated as service in that grade by the special or under the general orders of the Syndicate.
3. Joint research papers will be given proportionate credit. Thus a paper jointly published by two persons will earn 50% credit for each.
 4. A teacher who is qualified for the upgradation of his post under these Regulations may submit his application with supporting evidence to the Registrar through the Head of the Department claiming upgradation from the day following the day on which he is, in his opinion, qualified for the upgradation.
 5. After scrutiny of the application and assessment, if the candidate is found eligible for the upgradation, the Syndicate shall pass a resolution giving effect to the upgradation prayed for.

6. The upgradation shall be effective from the day following the day on which the candidate is qualified in all respects for the upgradation.
7. When a person ceases to hold an upgraded post the vacancy released will be only in the post which was upgraded and not in the upgraded post.

APPENDIX TO ITEM No. 252.31

Recommendation of the Selection Committee for recruitment of candidates for appointment to the Posts of Professors, Readers and Lecturers in the various Departments of the University.

Special Recruitment from among SC/ST communities as per Notification No. Ad. A2.66/88

Department	Specialization	Rank No.	Name	Community and Caste
<u>CATEGORY 'A' PROFESSORS</u>				
Computer Science	Computer Science	1	Shri. S. K. Mohan	Hindu - Vannan (SC)

1	2	3	4	5
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CATEGORY 'B' READERS

Law	Jurisprudence	1	Shri. D. Rajeev	Hindu - Pulaya
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CATEGORY 'C' LECTURERS

Applied Chemistry	Bio-Chemistry	1	Shri. G. S. Selvan	Hindu - Pallan
Applied Economics	Mathematical Economics and Statistics	1	Shri. P. Arunachalam	Hindu - Pallan

General recruitment as per 'Notification No.Ad.A2/66/88(A) and Ad.A2.66/88(C)

Department	Specialization	Rank No.	Name	Community and Caste
1	2	3	4	5

CATEGORY 'A' PROFESSORS

Marine Sciences	Marine Sciences	1	Dr. P. Copalakrishna Kurup	Hindu - Nair
		2	Dr. N. P. Kurian	Jacobite - X'ian

CATEGORY 'B' READERS

Applied Economics	Economics with specialization in Mathematical Economics	1	Dr. D. Rajasenan	Hindu - Ezhava
Law	Law with specialization in Criminal Law	1	Dr. G. Sadasivan Nair	Hindu - Nair
		2	Sri. Thankachan Jacob	Jacobite - X'ian
		3	Sri. Valson M. C.	Hindu - Ezhava

1	2	3	4	5
Computer Science	Computer Science	1	Sri. K. Poulose Jacob	Orthodox X'ian
Management Studies	Marketing Management	1	Sri. C. A. Francis	R. C. -X'ian
Electronics	Electronics	1	Dr. K. Vasudevan	Hindu - Nambiar
		2	Dr. R. Saseendran Pillai	Hindu - Nair
		3	Dr. K. T. Mathew	X'ian
		4	Dr. P. Mohanan	Hindu - Nair
Physics	Physics	1	Dr. V. C. Kuriakose	X'ian

CATEGORY 'C' LECTURERS

Foreign Languages	Russian	1	Dr. Mariamma Chacko	X'ian
Management Studies	Bank Management	1	Sri. K. Krisanan Namboothiri	Hindu - Brahmin

1	2	3	4	5
Marine Sciences	Microbiology (Marine)	1	Dr. Rosamma Philip	R. C. S. X'ian
Marine Sciences	Production/Personnel Management Studies	1	Smt. K. Girija	Hindu - Brahmin
		2	Sri. Philip C. Koshy	X'ian
		3	Sri. V. Vinayan	Hindu-Nampoothiri
		4	Sri. Ravindranathan C. V.	Hindu - Warrior
Management Studies	Business Administration	1	Smt. K. Girija	Hindu - Brahmin