

427

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

MINUTES OF THE 427th MEETING OF THE SYNDICATE HELD ON  
19.8.2000

Place of Meeting : Administrative Buildings  
Kochi - 682 022

Time : 10.30.a.m.

Members present:

1. Dr.K.Babu Joseph (in the Chair)  
Vice-Chancellor
2. Dr.P.Madhavan Pillai
3. Shri.M.K.Purushothaman
4. Dr.N.Chandramohanakumar
5. Dr.K.C.Sankaranarayanan
6. Dr.K.C.Joseph, M.L.A.
7. Dr.Babu T Jose
8. Sri.M.A.Thomas, M.L.A
9. Sri.M.J.Jacob
10. Dr.C.K.Sasidharan
11. Sri.G.Somaraajan  
Additional Secretary, Higher Education
12. Sri.P.Raju, M.L.A.

Also Present:

Dr.K.V.Kunhikrishnan  
Registrar

When the meeting was called to order, the Chairman presented a letter dated 16.8.2000 received from Prof.M.I.Savadatti, Member, Syndicate requesting for restoration of his membership of the Syndicate since he could not attend three consecutive meetings of the Syndicate held earlier due to unavoidable reasons.

Resolved that Prof.M.I.Savadatti be restored as member of the Syndicate.

The Syndicate resolved that K.C.Joseph, M.L.A. and Sri.M.A.Thomas, M.L.A. be continued as members of all Standing Committees and Sub Committees of the Syndicate consequent to their re-nomination by the Government to the Syndicate.

Important Developments since the last meeting of the Syndicate held on 15.7.2000.

1. Sri.N.Sitaram, Director, Centre for Artificial Intelligence and Robotics, Bangalore, inaugurated the Centre for Artificial Intelligence of this University on 3.8.2000.
2. Prof.(Dr.) P.N.Krishnan Nambisan Memorial Prize was awarded to Ms.Siby Varghese, the 1st Rank holder in M.Sc Hydrochemistry 1997-99 batch, on 3.8.2000.
3. Hon'ble Justice A.V.Savant, Chief Justice of Kerala inaugurated the Public Law Lecturers 2000 on 4.8.2000. Hon'ble Justice K.S.Paripoornan present the lecture on "Reasonableness in Public Law".
4. A one day National Workshop on "Impact of Trawling on Sea bottom ecology and effectiveness of monsoon tawl ban on rejuvenation of fish wealth" organized by the School of Industrial Fisheries Resource Management Society, Government of Kerala, was inaugurated by the Vice-Chancellor on 7.8.2000.
5. The Centre for Comparative Literature and Language Studies was inaugurated by Dr.P.K.Rajan, Vice-Chancellor, Kannur University on 7.8.2000.
6. The first award of Lyka Endowment in honour of Prof.(Dr.) D.Joseph Francis was distributed to Sri.R.Shanker. 1st Rank holder of the B.Tech (PS&RT) 1995-98 batch, on 11.8.2000.
7. A one day international seminar on "Economic Liberalisation and Kerala's industrial Development" was organized by the Department of Applied Economics on 18.8.2000.
8. Prof.(Dr.) Jacob Philip of the Department of Instrumentation was elected as a Fellow of the Institute of Physics, London and was granted the title of Chartered Physicist by the Institute.

Item No.427.01 Action taken report of the minutes of the meeting of the Syndicate held on 26.2.2000 (419)

The Syndicate noted the action taken report on the minutes of the meeting of the Syndicate held on 26.2.2000(419) and approved the same.

Item No.427.02 Confirmation of the minutes of the meeting of the Syndicate held on 15.7.2000 (426)

The minutes of the meeting of the Syndicate held on 15.7.2000 (426) was confirmed subject to the following emendations.

1. In item No. 426.02 (3) the correction mentioned in Item No. 425.31 be deleted and replaced with the following.

"Resolved that all the incumbents who have completed 3 years at a stretch as Head of the Department be shifted from the Headship".

2. In Item No.426.07 the resolution be deleted and substituted with the following;

"Resolved that the action taken by the Vice-Chancellor be ratified and the post be renotified with the relaxed qualification".

3. In Item No.426.22 at the end of the last sentence of the resolution the full stop be removed and the following be added.

" and redrafting the MOU to that effect".

4. In Item No.426.57 at the end of the resolution the full stop be removed and the following be added.

" from the date of the Syndicate decision"

Item No.427.03 Suggestions for improvement of the working of Engineering Department.

This item was deferred for consideration

Item No.427.04 Request from Physically Handicapped Unity of India for reservation of more seats in B.Tech courses and fee fees exemption - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters and Finance and Purchase the representation of the State Committee Handicapped Unity of India, requesting to (1) reserve more seats to the Physically handicapped students in admission to the B.Tech courses in Cochin University of Science and Technology and (2) to give fee concessions (tuition fee and hostel) to physically handicapped B.Tech students in Cochin University of Science and Technology, forwarded by the Principal Secretary, Higher Education Department, Government of Kerala.

Resolved that the Government be requested to reimburse the tuition fee and hostel fees in respect of the physically handicapped students admitted to the various courses, and the response from the government be placed before the Syndicate.

Also resolved that reservation of seats be made for the various courses of the University only as per Government rules in this regard.

(Ac.A)

Item No.427.05 Admission of foreign nationals to the various courses offered by the Cochin University of Science and Technology - Formulation of new guidelines - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment, the matter of formulation of new guidelines in the matter of admission of foreign nationals to the various courses offered by the University.

Resolved that the existing procedure for admitting foreign students to the various academic programmes be continued.

Further resolved that in the absence of foreign nationals for the reserved seats, NRI's may be admitted against the quota, under the fee structure applicable to foreign students.

(IRAA)

Item No.427.06 Academic affiliation of the University sought for a proposed college at Dubai - Consideration of.

The Syndicate considered along with the recommendations of the Standing Committees on Academic Matters and Finance and Purchase, the request of The Campus Educational Group, Al Maskan Building, P.O.Box No.35247, Karama Dubai, UAE for academic affiliation of the University for setting up a College in Dubai for graduate and P.G.Students.

Resolved that steps be taken to make necessary amendments to the Acts and Statutes of the University so as to enable the University to give affiliation to a foreign institution.

IRAA)

Item No.427.07 Award of University Senior Research Fellowship in respect of Sri.G.N.Hariharan, Research Scholar, Department of Marine Geology and Geophysics - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, the request of Sri.G.N.Hariharan, Research Scholar, Department of Marine Geology and Geophysics, for extension of the research fellowship held by him for another period of ten months w.e.f.6.3.2000.

Resolved that the research fellowship held by Mr.G.H.Hariharan, Research Scholar, Department of Marine Geology and Geophysics be extended for a further period of 10 months w.e.f. 6.3.2000.

(Ac.B)

Item No.427.08 Double Degree Programme - Exchange of students with Sup De Co Montpellier, France - Signing of MoU - Reporting of.

The Syndicate noted the action taken by the Vice-Chancellor in approving and signing the General Bilateral Agreement Memorandum of Understanding on International Exchange Programme with Groupe Sup De Co Montpellier, France (as given in Appendix I relating to

exchange of students between Cochin University of Science and Technology and the Groupe Sup De Co Montpellier (France), and award of double degrees.

Resolved that the action taken by the Vice-Chancellor be ratified.

Arising out of this, it was resolved that accommodation not exceeding 150 US \$ each p.m. of the foreign students covered by the above programme be arranged by the University at the cost of the foreign students.

(IRRA)

Item No.427.09 MCA Course - Examination fee - Regarding

The Syndicate considered the representation of the students of Department of Computer Applications to reconsider the decision of the University in fixing the examination fee for M.C.A. course offered by the Department of Computer Applications on Rs.350/- per semester, and to levy the examination fee of Rs.75/- per paper as in other P.G.Courses.

Resolved that Rs.200/- per paper be fixed as the examination fee for the M.C.A. courses run by the University.

Item No.427.10 Report of the sub committee of the Syndicate constituted to study the audit objections raised about the Technical Cadre - Submitted for consideration.

This item was deferred for consideration (Ad.A)

Item No.427.11 Appointment of Security Officer - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment, the matter of making appointment to the vacant post of security Officer, in the light of the fact that there were no suitable candidates among those respondent to the University Notification.

Resolved that the Government be requested to forward a panel of names of Police Officers not below the rank of a Circle Inspector for appointment as Security Officer in the University on deputation basis.

(Rectt.)

Item No.427.12 Establishment - Non teaching staff - C.K.Poulose and Smt.Elizabeth Abraham, Assistant Librarians Induction into UGC Scheme - Objection raised by the Government Auditor - Regarding .

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment and Finance and Purchase, the request of the Deputy Director of Local Fund Audit to review the decision to induct Sri.C.K.Poulose and Smt.Elizabeth Abraham, Assistant Librarians into U.G.C. Scheme w.e.f. 23.1.1996 and 25.4.1994 respectively.

Resolved that the decision of the Syndicate .  
Sri.C.K.Poulose and Smt.Elizabeth Abraham, Asst.Librarians into  
U.G.C. scheme need not be reviewed, and the Deputy Director,  
Local Fund Audit be given a suitable reply in the matter.

(Ad.A)

Item No.427.13 Request of Dr.K.George Varghese, Professor for  
relief from the Directorship of School of  
Management Studies - Nomination of new Director  
Consideration of.

The Syndicate considered, along with the recommendations  
of the Standing Committees on Academic Matters, and Staff and  
Establishment, the request of Dr. K.George Varghese, Professor  
for relief from the Directorship of School of Management Studies,  
and the nomination of the new Director.

Resolved that this item be deferred for consideration  
until the report headed by Dr.K.C.Sankaranarayanan is submitted.

(Ad.D)

Item No.427.14 Establishment - University teacher -  
Dr.M.K.Jayaraj, Lecturer, Department of Physics -  
Request for extension of LWA - Consideration of.

The Syndicate considered, along with the recommendations  
of the Standing Committees on Academic Matters, and Staff and  
Establishment, the request of Dr.M.K.Jayaraj, Lecturer, Department  
of Physics to grant extension of LWA for a further period of one  
year w.e.f. 1.7.2000 to 30.6.2001 in continuation of the leave  
already granted to him for the completion of the work at Oregon  
University, USA on thin film materials for electroluminescent  
devices, and an additional one week joining time for the travel  
from USA back to India.

Resolved that the request of Dr.M.K.Jayaraj, Lecturer,  
Department of Physics to grant extension of LWA for a further period  
of one year w.e.f. 1.7.2000 to 30.6.2001 in continuation of the  
leave already granted to him for the completion of the work at  
Oregon University, USA on thin film materials for electroluminescent  
devices, and an additional one week joining time for the travel  
from USA back to India. be granted.

(Ad.D)

Item No.427.15 Engineering Department - Procuring furniture for  
Athidhibhavan from F.I.T Aluva and furnishing  
of Athidhibhavan - Regarding.

The Syndicate noted the action taken by the Vice-  
Chancellor in sanctioning purchase of modern furniture as  
detailed below for a total cost of Rs.11,93,280/ (Rupees eleven  
lakhs ninety three thousand two hundred and eighty only) plus  
S.T., A.S.T, transportation charges and in addition approving an  
estimate of Rs.4,50,000/- as appended (Appendix II) for furnishing  
"Athidhibhavan" subject to rules in this regard of stores purchase  
manual debiting the expenditure under the head of account "1-97-01  
T-4-605 Furnishing Science Seminar Complex" provided in the  
budget of the University.

Items	Rate (Rs.)	Quantity	Amount (Rs.)
1. Teakwood single coat 200x90 cms ornamental head board and leg board portion in plywood	6,035/-	96	5,79,360/-
2. Beside locker of size 45x38x45cm width shelf complete in plywood and fornicia	1,380/-	48	66,240/-
3. Teakwood double draw table of size 120x75x75 cms. with lock and key	7,890/-	48	3,78,720/-
4. Teakwood armed chair plastic seat and back	1,760/-	96	1,68,960/-

Total 11,93,280/-

Resolved that the action taken by the Vice-Chancellor be  
ratified.

(Ad.C)

Item No.427.16 Dr.P.P.Paul, Planning and Development Officer -  
Audit objections regarding appointment -  
Consideration of.

The Syndicate considered, along with the recommendations of  
the Standing Committees on Staff and Establishment the four  
remaining audit objections which are remaining undropped, despite  
repeated clarifications by the University by the Government  
Auditor regarding the appointment of Dr.P.P.Paul, Planning and  
Development Officer of the University.

Resolved that Dr.P.P.Paul, Planning and Development Officer  
be directed to submit all the relevant documents in original  
required for clearing the objections raised by the Government  
Auditor, within a period of three months from the date of issue  
of notice to him.

(Ad.A)

Item No.427.17 Purchase of Armada 2WD (8seater) jeep for  
the Cochin University College of Engineering,  
Kuttanad - Regarding.

The Syndicate considered, along with the recommendations of  
the Standing Committees on Finance and Purchase the proposal of the  
Special Officer, Cochin University College of Engineering,  
Kuttanad for purchase of one Armada 2WD (8 seater) NGCS India -  
2000 van at a cost of Rs.3,60,258/- + Sales Tax etc. from  
M/s.Mahindra & Mahindra Ltd., Kochi - 682 024 b

Resolved that proposal of the Special Officer, Cochin  
University College of Engineering, Kuttanad for purchase of one  
Armada 2WD (8 seater) NGCS India - 2000 van at a cost of  
Rs.3,60,258/- + Sales Tax etc. from M/s.Mahindra & Mahindra Ltd.  
Kochi - 682 024

Further resolved that the expenditure on this account be  
debited to "2-94-2-Q-2-102- Purchase of Car/Jeep" provided in  
the Budget for the year 2000-01.

(CES)

Item No.427.18 Construction of 3rd floor and staircase cabin to SES Block in Thrikkakara campus - Estimate for extra items - Action of the Vice-Chancellor - Reporting of.

The Syndicate noted the action taken by the Vice-Chancellor in approving the estimate of Rs.2,12,565/- (Rupees two lakhs twelve thousand five hundred and sixty five only) including the cost of departmental materials of Rs.15,470/- for 9 extra items of Rs.1,26,382/- based on 1996 Schedule of rates and 4 extra items of Rs.42,927/- based on the prevailing market rate, for the construction of third floor and staircase cabin to SES block in Thrikkakara campus.

Resolved that the action taken by the Vice Chancellor be ratified.

(Pl.A)

Item No.427.19 University teacher - Dr.K.Krishnan Nampoothiri, Reader, School of Management Studies - Reckoning of previous service for pensionary benefits - Action taken by the Vice-Chancellor - Ratification of - Regarding.

The Syndicate noted the action taken by the Vice-Chancellor in sanctioning to reckon the previous service of Dr.K.Krishnan Nampoothiri, Reader, School of Management Studies with the Cochin College, Cochin-2, for the period from 2.1.1981 to 4.7.1989 for pensionary benefits in the University without insisting on the receipt of pro-rata pensionary benefits from the Government.

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.D)

Item No.427.20 Establishment - University teacher - Dr.P.Venkitanarayanan, Lecturer, Department of Ship Technology - Permission to visit University of Rhode Island and do research availing of vacation - Action of the Vice-Chancellor - Ratification - Regarding.

The Syndicate noted the action taken by the Vice-Chancellor in permitting Dr.P.Venkitanarayanan, Lecturer, Department of Ship Technology to visit the University of Rhode Island, Kingston, USA and do research in the field of Impact and Fracture Mechanics for a period of two months under the Exchange Visitor Programme of the University of Rhode Island, availing of summer vacation (May, June 2000)

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.D)

Item No.427.21 Centre for Engineering Studies - Setting up of CAD and Signal Processing Laboratory to Department of Electronics Engineering (B.Tech) - Purchase of Godrej furniture from M/s.Alappat Traders Private Limited - Sanctioned - Ratification of the action taken by the Vice-Chancellor.

The Syndicate noted the action taken by the Vice-Chancellor in sanctioning to place orders for supply of the following items of furniture with M/s. Alappat Traders Private Limited, Ernakulam at a total cost of Rs.4,14,440/- for setting up of CAD and Signal Processing Lab of the Department of Electronics Engineering under the School of Engineering, Cochin University of Science and Technology.

Sl. No.	Items with Specifications	Quantity No.	Rate Rs.	Total Cost Rs.
1.	Godrej computer table with key-board tray	35	3,950/-	1,38,250/-
2.	Godrej computer chair PCH 7021	60	4,050/-	2,43,000/-
3.	Godrej table T8	1	4,300/-	4,300/-
4.	Godrej chair CH7	5	1,250/-	6,250/-
5.	Godrej storvel plain with 4 adjustable shelves	3	7,550/-	22,650/-
Total				4,14,450/-

Resolved that the action taken by the Vice-Chancellor be ratified.

Item No.427.22 Post Doctoral Fellowship awarded to Dr.K.P.Shajan, Department of Marine Geology and Geophysics - Termination of - Regarding.

The Syndicate noted the action taken by the Vice-Chancellor in terminating the post doctoral fellowship awarded to Dr.K.P. Shajahan, Department of Marine Geology and Geophysics since the scholar has violated certain conditions for the tenure of the period.

Resolved that the action taken by the Vice-Chancellor be ratified.

Item No.427.23 Centre for Science in Society - Appointment of Joint Director, Centre for Science in Society - Sanctioned - Ratification of - Regarding.

The Syndicate noted the action taken by the Vice-Chancellor in appointing Dr.P.R.S. Pillai, Head, Department of Electronics, Cochin University of Science and Technology as Joint Director, Centre for Science in Society on a monthly remuneration of Rs.500/-

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ac.C)

Item No.427.24 'Professor Wazir Hasan Abdi Endowment Prizes' - Enhancement of corpus and prizes - Ratification - Regarding.



The Syndicate noted the action taken by the Vice-Chancellor sanctioning to increase the corpus amount of Professor Wazir Hassan Abdi Endowment Prizes to Rs.27,000/- and to fix the prizes as an amount equal to 1/3 each of the interest accrued on the corpus of Rs.27,000/-

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ac.B)

Item No.427.25 University teacher - Dr.M.K.Sukumaran Nair, Professor, Department of Applied Economics - Permission to visit Tilburg University, The Netherlands in connection with SEPTRA project under MHO programme - Action taken by the Vice-Chancellor - Ratification of.

The Syndicate noted the action taken by the Vice-Chancellor in permitting Dr.M.K.Sukumaran Nair Professor, Department of Applied Economics to visit Tilburg University, The Netherlands to engage in research activities in connection with SEPTRA project under MHO programme during 1st May to July 1,2000 availing of the vacation.

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.D)

Item No.427.26 Establishment of new centres - Administrative frame work - Action of the Vice-Chancellor - Reporting of.

The Syndicate noted the action taken by the Vice-Chancellor in approving the administrative frame work of the new centres established by the University as detailed below.

1. Each centre should function under the Head of the Corresponding Department.
2. The Departmental Council may nominate a committee of two or three teachers to advise the Hon.Director.
3. The Departmental Council will have power to review the working of the Centre.

Resolved that the action taken by the Vice-Chancellor be ratified.

(PL.UGC)

Item No.427.27 Recognition as Research Guide under the Faculty of Law- Application of Dr.D.Rajeev, Reader, School of Legal Studies - Cochin University of Science and Technology - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the request of Dr.D.Rajeev, Reader, School of Legal Studies, Cochin University of Science and Technology for recognition as Research Guide under the Faculty of Law.

Resolved Dr.D.Rajeev, Reader, School of Legal Studies, Cochin University of Science and Technology be recognised as Research Guide of the University under the Faculty of Law.

(Ac.B)

Item No.427.28 Recognition as Research Guide under the Faculty of Engineering - application of Dr.George Mathew, Lecturer, Department of Civil Engineering, Cochin University of Science and Technology - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the request of Dr.George Mathew, Lecturer, Department of Civil Engineering, Cochin University of Science and Technology for recognition as Research Guide under the Faculty of Engineering.

Resolved Dr. George Mathew, Lecturer, Department of Civil Engineering, Cochin University of Science and Technology be recognised as Research Guide of the University under the Faculty of Engineering.

(Ac.B)

Item No.427.29 Dr.M.Ravisankar, Lecturer, Department of Marine Geology and Geophysics - Reckoning of previous service for senior scale placement - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, Staff and Establishment, and Finance and Purchase, the request of Dr.M. Ravisankar, Lecturer, Department of Marine Geology and Geophysics for reckoning the previous service rendered by him as Technical Assistant Grade I in the Department of Physics of this University, for senior scale placement as Lecturer w.e.f. 13.4.1992 and promotion as Reader.

Resolved that the request be declined.

(Ad.D)

Item No.427.30 Establishment - University teacher - Dr.K.G. Balakrishnan, Professor, Department of Electronics - Extension of deputation - Action taken by the Vice-Chancellor - Reporting.

The Syndicate noted the action taken by the Vice-Chancellor in sanctioning extension of the period of deputation of Dr.K.G. Balakrishnan, Professor, Department of Electronics, for one more year w.e.f. 26.5.2000 on the same terms and conditions of deputation to foreign service to continue as Director, Institute of Human Resources Development, Thiruvananthapuram.

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.D)

Item No.427.31 Establishment - University teacher - Nomination of Dr.Babu Philip, Professor as a new Head of the Department of Marine Biology, Microbiology and Biochemistry - Action taken by the Vice-Chancellor - Reporting.

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The Syndicate noted the action taken by the Vice-Chancellor in nominating Dr. Babu Philip, the next senior most Professor in the Department of Marine Biology, Microbiology and Biochemistry w.e.f. 1.6.2000 as the Head of the Department of Marine Biology, Microbiology and Biochemistry since Dr. R. Damodaran expressed his inability to take charge of the Head of the Department.

Resolved that the action taken by the Vice-Chancellor be ratified

(Ad.D)

Item No.427.32 Construction of cosmopolitan Hostel for SC/ST/OBC students.

The Syndicate considered the proposal of the Government to construct two cosmopolitan hostels in the University campus for SC/ST/OBC students and provide space for the construction of the above hostels.

Resolved that 30 + 30 cents of land in the Thrikkakara campus be provided for the construction of two hostels one each for ladies and men to the Government.

(UGC-S-Cell)

Item No.427.33 Construction of various major works and minor works in the University - Progress report - Regarding

The Syndicate noted the progress reports in respect of the major construction works in the University forwarded by the University Engineer vide letter No.UEU/PR/2000-2001/5599/940 dated 29.06.2000. Progress reports for all projects should start right from the day of administrative sanction.

(Pl.A)

Item No.427.34 Construction of barriers across the encroachment near sarovar Hostel in Thrikkakara campus - reg.

The Syndicate considered the report of the University Engineer regarding stoppage of construction work of the barriers across the encroachment near Sarovar Hostel, Thrikkakara campus by the contractor Sri.K. N. Noushad, Kuzhikkattummalil, Chalakkal Marampally P.O., Aluva because of the obstruction of the local people.

Resolved that the present contractor be paid for the completed portion of the construction work of the barrier as per the tender, and the University Engineer be asked to submit proposals for construction of compound wall excluding the encroached portion of the land of the University so as to prevent further encroachment of the property.

(Pl.A)

Item No.427.35 Ph.D. thesis entitled "Studies on Some Aspects of Wave Propagation Through Nonlinear Media" submitted by Smt. Bindu S.G. - Evaluation reports and Minutes of Viva-Voce Examination - Consideration of -

: 13 :

The Syndicate considered, the individual reports of the Examiners, recommendations of the viva board, and the minutes of the viva-voce examination in respect of the Ph.D. thesis submitted by Smt. Bindu, S.G., Full Time Research Student, Department of Physics, Cochin University of Science and Technology who worked under the guidance of Dr.V.C. Kuriakose, Reader, Department of Physics, Cochin University of Science and Technology, Kochi - 682 022.

Resolved that Smt. Bindu S.G. be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Science for her thesis "Studies on Some Aspects of Wave Propagation Through Nonlinear Media".

(Exam)

Item No.427.36 Ph.D. thesis entitled "Seasonal and Inter-annual variability of sea level and Associated Surface meteorological parameters at Cochin" submitted by Sri. Srinivas.K - Evaluation reports and Minutes of Viva-Voce Examination - Consideration of.

The Syndicate considered the individual reports of the Examiners, together with the consolidated report of the Chairman, Board of Examiners and minutes of the viva-voce examination in respect of the Ph.D. thesis submitted by Sri.Srinivas.K, Full Time Research Student, Centre for Earth Science Studies, Thiruvananthapuram who worked under the guidance of Dr.R.R. Rao, Scientist, Naval Physical and Oceanographic Laboratory, Kochi.

Resolved that Sri.Srinivas K, be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Marine Sciences for his thesis entitled "Seasonal and Inter-annual variability of sea level and Associated Surface meteorological parameters at Cochin".

(Exam)

Item No.427.37 Ph.D. thesis entitled "Dynamics of Land use in recently settled Forest Areas: A case study of Attappady, Kerala" submitted by Sri. Sanathan Velluva - Evaluation reports and Minutes of Viva-Voce Examination - Consideration of.

The Syndicate considered, the individual reports of the Examiners, recommendations of the viva board, and the minutes of the viva-voce examination in respect of the Ph.D. thesis submitted by Sri. Sanathan Velluva, Full Time Research Student, Department of Applied Economics, Cochin University of Science and Technology who worked under the guidance of Dr.P.K.Muraleedharan, Scientist, Kerala Forest Research Institute, Peechi.

Resolved that Sri. Sanathan Velluva be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Social Sciences for his thesis entitled "Dynamics of Land use in recently settled Forest Areas: A case study of Attappady, Kerala".

(Exam)

- Item No.427.38 Ph.D. thesis submitted by Smt. Sunila George  
- Evaluation report from Prof. Mohan Joseph  
Modayil - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the evaluation reports submitted by the examiners and the final report submitted by Prof. Mohan Joseph Modayil, external examiner who evaluated the modified Ph.D. thesis entitled "Studies on the Biology of the Wedge Clam *Donax Incarnatus* (Gmelin) from the Malippuram Beach of Kerala" submitted by Smt. Sunila George, Part Time Research Scholar, School of Marine Sciences who worked under the guidance of Dr. Mohammed Salih.

Resolved that steps be taken to constitute the viva-voce examination board in respect of the candidate and the candidate be asked to appear before the viva board.

(Exam)

- Item No.427.39 Reconstitution of the Board of Studies in Computer Applications and Mathematics in the University-Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, the proposal for reconstitution of Computer Application and Mathematics in the University.

Resolved that the Vice-Chancellor may constitute Boards of Studies in Computer Application and Mathematics in consultation with Deans concerned.

(Conf.)

- Item No.427.40 Proposal for Paramedical courses in faculty of Medical Sciences and Technology - Regarding

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, the proposal submitted by Dr.C.K.Sasidharan, Professor of Paediatrics, Institute of Maternal and Child Health, Medical College, Kozhikode and Dean, Faculty of Medical Sciences and Technology, Cochin University of Science and Technology for starting para-medical courses in various subjects thereby improving the diagnostic as well as treatment facilities for the general public in Kochi.

Resolved that the feasibility of starting such courses be examined by sub committee of the Syndicate consisting of Dr.C.K. Sasidharan and Dr.N.Chandramohanakumar.

(PLUGC)

- Item No.427.41 Adoption of Government Orders on D.A. revision and extension of time limit for crediting D.A. arrears into the P.F. - Reporting of.

The Syndicate noted the action taken by the Vice-Chancellor is sanctioning in adopting the following Government orders for implementation if the University.

1. G.O.(P) No.587/2000/Fin. dated 13.3.2000  
(Extension of time limit for crediting Dearness Allowance arrears to P.F. till August 2000)

2. G.O.(P)No.932/2000/Fin. dated 02.06.2000  
(Revision of Dearness Allowance/Dearness Relief to State Government employees and Pensioners with effect from 01.01.1999).

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.A)

- Item No.427.42 University teachers - Sabbatical leave to Dr.R.S.Chakravarti, Reader, Department of Mathematics - Request - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, and Staff and Establishment, the request from Dr.R.S.Chakravarti, Reader, Department of Mathematics for granting sabbatical leave for a period of one year to undertake on various problems in algebra, such as localisation in non-commutative noetherian rings and incidence algebra.

Resolved that Dr.R.S.Chakravarti, Reader, Department of Mathematics be granted sabbatical leave for a period of one year w.e.f. the date of avail to undertake study on various problems in algebra, such as localisation in non-commutative noetherian rings and incidence algebra.

(Ad.D)

- Item No.427.43 Recognition as Research guide under the Faculty of Technology - Sri. Venkitanarayanan, Lecturer, Department of Ship Technology.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the request of Sri.Venkitanarayanan, Lecturer, Department of Ship Technology, Cochin University of Science and Technology for recognition as Research Guide under the Faculty of Technology.

Resolved Sri.Venkitanarayanan, Lecturer, Department of Ship Technology, Cochin University of Science and Technology be recognised as Research Guide of the University under the Faculty of Technology.

(Ac.B)

- Item No.427.44 Ph.D. registration - Extension of period of registration - Change of Guide - Request of Sri.Babu Joseph - Consideration of.

The Syndicate considered, along with the recommendation of the Standing Committee on Academic Matters, the requests from Sri.Babu Joseph, Part time Research Scholar, one for extension of this period of registration and the other for a change of guide.

Resolved that Sri.Babu Joseph be directed to seek fresh registration with a new guide.

(Ac.B)



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Item No.427.45 Report of the commission to enquire into the working of CUSAT under Section 51 of the Cochin University of Science and Technology Act 1986 - Proposals based on the report called for by the Government - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, Staff and Establishment and Finance and purchases, the report of the Commission to enquire into the working of CUSAT Under Sec.51 of the CUSAT Act and the request from the Government to furnish a detailed proposal with specific points on the basis of the report.

Resolved that a Sub Committee consisting the following be constituted to study the report, prepare a gist and make recommendations.

1. Dr.P.Madhavan Pillai
2. Dr. Babu T. Jose
3. Dr.N.Chandramohanakumar

(Ad.A)

Item No.427.46 Establishment - University teachers - Dr.V.G. James, Lecturer, School of Legal Studies - Refusal of work - Disciplinary action-Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic matters and Staff and Establishment, the matter of taking disciplinary action on the basis of the report of the Director, School of Legal Studies, on the indiscipline of Dr.V.G.James, Lecturer, School of Legal studies refusing to handle classes for LL.M students allotted to him.

Syndicate also considered in the matter of taking disciplinary action on Dr.Krishna Pucha, Reader, Department of Computer Science for his alleged indiscipline in the conduct of classes.

Resolved that the Dean, Faculty of Law and the Dean, Faculty of Technology be requested to investigate and report on the alleged misconduct of Sri V.G.James and Dr.Krishna Pucha respectively.

(Ad.D)

Item No.427.47 Starting of MCA course in Pulinkunnu campus - Allocation of fund in the budget estimates- Incorporation of head of account and diversion of funds in the budget for Cochin University College of Engineering, Pulinkunnu - Reporting of

Syndicate noted the action taken by the Vice-Chancellor in Sanctioning for the incorporation of the sub-head "223.Expenditure on self financing course (MCA)" in the Budget Estimates for Cochin University College of Engineering, Kuttanad for 2000-01 and an allocation of Rs.75.00 lakhs against the budget head made through diversion of funds, as detailed below,

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Head of Account	Existing provision (Rs.)	Diversion sanctioned (Rs.)	Resultant provision (Rs.)
2-94-2-T-1-351 CUCEK-Construction of Workshop Building	1,50,00,000	-45,00,000	105,00,000
2-94-2-U-4-999 CUCEK-Lumpsum provision for new schemes	31,25,000	30,00,000	1,25,000
2-94-2-Q-3-223 CUCEK-Expenditure on self financing course (MCA)	Nil	+75,00,000	75,00,000

The action taken by the Vice-Chancellor be ratified

(Finance)

Item No.427.48 Establishment - Department of Hindi - Charge arrangements - additional bharge to Dr.K.R. Muraleedharan Nair, Controller of Examinations - Action taken by the Vice-Chancellor-Ratification of - Regarding.

Syndicate noted that the action taken by the Vice-Chancellor, the sanctioning to relieve the Finance Officer, of his additional duties as Head of the Department of Hindi and giving the same to Dr.K.R.Muraleedharan Nair, Controller of Examinations, on purely temporary basis until further orders.

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.D)

Item No.427.49 Enhancement of fees for practical training of B.Tech & M.Tech students in the Department of Polymer Science and Rubber Technology at Rubber Research Institute of India, Kottayam - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic matters and Finance and Purchase, the proposal of the Head, Department of Polymer Science and Rubber Technology to enhance the fees for practical training of B.Tech and M.Tech students of the Department from Rs.500 and Rs.1000 every year from next Academic year (2000-01) onwards.

Resolved that the fee for practical training be collected from the students directly by the Head of the Department and he may settle the accounts with training centers.

Further resolved that this practice be followed in all Departments/Schools where there is practical training for the students.

(Ac.A)

Also resolved that the actual amount to be remitted should be raised from the students.

Item No.427.50 Dr.A.Aravindakshan, Professor - Charge allowance for holding full additional charge of Registrar - Consideration of.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment and Finance and Purchase, the request of Dr.A.Aravindakshan, Professor, Department of Hindi for payment of charge allowance for holding full additional charge of the Registrar during the period from 6.3.1999 to 6.5.2000 A.N.

Resolved that Dr.A.Aravindakshan, Professor, Department of Hindi be paid 10% of the basic pay per month as charge allowance for holding full additional charge of the Registrar during the period from 6.3.1999 to 6.5.2000A.N.

(Ad.A)

Item No.427.51 Endowments in the University - Enhancement- Regarding.

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the situation that the expenses of quite a number of endowments sponsored by various individuals and organizations exceeds the interest accrued on the endowments, and hence the University is forced to meet expenses from its own fund and the proposals to avoid this situation.

Resolved that -

1. University need not encourage endowments with corpus not less than Rs.25,000/-
2. 10% of the interest accrued in all endowments may be credited to University fund.
3. Rules of endowments be modified accordingly.
4. Details of all existing endowments be furnished to the Syndicate.

(Ac.B)

Item Nos.427.52 Establishment - Non-teaching officers-Assistant Librarians-placement of Sri.V.K.Sankaran Namboodiripad, Assistant Librarian (Senior Grade) in the Selection Grade - recommendation of selection committee - Action taken by the Vice-Chancellor - Ratification - Regarding.

The Syndicate noted the action taken by the Vice-Chancellor in issuing orders placing Sri. V.K.Sankaran Namboodiripad, Assistant Librarian in the Selection Grade in the scale of pay of Rs.12000-18300 w.e.f. 29.4.1998 on the basis of the unanimous recommendations of the Selection Committee set up under the Statutes/Ordinances of the University, which met on 30.5.2000, and interviewed the candidate.

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.A)

Item No.427.53 approval of revised estimate for workshop building for Cochin University College of Engineering, Pulinkunnu - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Finance and Purchase, and Works, the revised estimate for workshop building for Cochin University College of Engineering, Pulinkunnu forwarded by the University Engineer vide letter No.UEU/Alpy/1188C/2000-2001/697 dated 8.6.2000, amounting to Rs.1.20 crores based on revised conveyance statement, which is based on the 1999 schedule of PWD rates.

Resolved that the revised estimate for workshop building for Cochin University College of Engineering, Pulinkunnu forwarded by the University Engineer vide letter No.UEU/Alpy/1188C/2000-2001/697 dated 8.6.2000, amounting to Rs.1.20 crores based on revised conveyance statement, which is based on the 1999 schedule of PWD rates be approved.

Sri.P.Raju, M.L.A., expressed his opinion that the commencement of work should wait till specific Government sanctioned is obtained for filling work and he wanted his observations be recorded. He also promised to extend all possible help in obtaining Government sanction for the work.

(Pl.A)

Item No.427.54 Allotment of quarters for teachers - Representation from Cochin University Teachers' Forum.

This item was deferred for consideration.

Item No.427.55 Establishment - School of Engineering - Filling up of the vacancy of Reader of Mechanical Engineering from the existing rank list - Proposal - of the Director, Centre for Engineering Studies - Consideration of - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, Staff and Establishment and Finance and Purchase, the request of the Director, Centre for Engineering Studies to fill up the vacant post of Reader in Mechanical Engineering in the School of Engineering from the existing rank list.

Resolved that the post of Reader in the Mechanical Engineering in the School of Engineering be filled up from the existing rank list prepared for selection pursuant to 1998 notification.

Further resolved that action be initiated as per rules against Sri.K.R.Sivadas, Reader, Department of Mechanical Engineering, School of Engineering for his unauthorised absence from the University.

(Ad.D)

: 20 :

Item No.427.56 CAT - 2000 - Discontinuation of LL.B. course - Opportunity for opting one another course - Regarding.

Syndicate noted the action taken by the Vice-Chancellor in staying the implementation of the decision taken by the Syndicate at its meeting held on 5.5.2000 vide outside item No.2 "that those candidates who have opted LL.B course in CAT 2000 be given the opportunity for opting one another course coming within the scope of the subject they are appearing for the CAT in lieu of the LL.B Course cancelled", considering the practical constraints in this regard.

Resolved that the action taken by the Vice-Chancellor be ratified.

(IRAA)

Item No.427.57 University teachers - Declaration of satisfactory completion of probation - Reporting of the action taken by the Vice-Chancellor-Probation of promotess who are not placed on probation against a post - etc. - Regarding.

The Syndicate noted the action taken by the Vice-Chancellor in declaring the period of probation in respect of the following teachers as satisfactorily completed on the dates shown against their names as per Statute 15 (1) of the Cochin University of Science and Technology First Statutes 1999.

1. Sri.N.V. Pramod  
Lecturer  
Department of Computer Applications - 20.1.2000 F.N.
2. Sri.E.Kannan  
Lecturer  
Department of Computer Applications - 15.2.2000 F.N.
3. Sri.A.Sreekumar  
Lecturer  
Department of Computer Applications - 06.1.2000 F.N.
4. Smt. Supriya M.H.  
Lecturer  
Department of Electronics - 07.1.2000 F.N.

Resolved that the action taken by the Vice-Chancellor be ratified.

Arising out of this, the Syndicate considered, the matter of continuing the present practice of placing on probation and declaration of satisfactory completion of probation of a Reader/Professor in the post to which they have been promoted and resolved that placing and declaration of probation are required only in the case of fresh appointments.

(Ad.D)

: 21 :

Item No.427.58 : Establishment - University teachers - sparing the services of Sri David Peter, Reader, School of Engineering to INFOCUS project as System Director - Implementation of the recommendations of the Managing Committee for MHO Programme - Action taken by the Vice-Chancellor - Reporting of - Regarding.

The Syndicate noted the action taken by the Vice-Chancellor in sanctioning implementation of the following recommendations of the Managing Committee for MHO Programme made in its meeting held on 15.3.2000 and to permit the Director, Centre for Engineering Studies to relieve Sri David Peter, Reader, Centre for Engineering Studies, School of Engineering so as to take up new appointment as Systems Director under INFOCUS.

1. Sri David Peter, Reader, School of Engineering, Centre for Engineering Studies/Systems Director, INFOCUS Project will devote 80% of his office hours for the project activities and 20% for his lecturing at the Department of Computer Science.
2. His salary and pension contribution will be reimbursed to the University from the project provision for consultancy in the INFOCUS budget without affecting his service conditions.
3. He will lead the team of technical personnel for Information Resource Management (IRM) and ensure the availability of Internet and e-mail services.
4. Specific duties will be assigned to the technical staff forming the IRM team and will be monitored by the Systems Director.
5. All the service calls can be directly addressed to the IRM team.
6. He will be reporting to the Director, School of Computer Science Studies.
7. He will engage classes for one subject in M.Tech.

Resolved that the action taken by the Vice-Chancellor be ratified  
(Ad.D)

Item No.427.59 : Department of Foreign Languages - Fixing of fee structure - Proposal - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, and Finance and Purchase the proposal submitted by the Head, Department of Foreign Languages, fixing fee structure for various courses run by the Department.

Resolved that Student Aid Fund and Medical Inspection Fee also be charged at Rs.40/- and Rs.15/- respectively in respect of the students of the Department of Foreign Languages, as per the existing University order.

(Ac.)

Item No.427.60 : Settlement of accounts under the project adjustment of long pending advances - Disbursement of Long pending arrear fellowships.

The Syndicate considered, along with the recommendations of the Standing Committee on Finance and Purchase, the matter of settlement of accounts under the project sanctioned by the Department of Environment, Government of India to the Department of Marine Geology and Geophysics under the Investigatorship of Dr. P. Seralathan and the matter of disbursement of long pending arrears of advance to one of the research fellows under the project.

Resolved that:-

1. The outstanding advances against the projects be got adjusted on the basis of various certificates listed in the Syndicate note.
2. Pending fellowship arrear of Rs.28,213/- be disbursed to the research fellow.
3. Details of fellowship arrears in respect of Dr. Abdulla Bava, be clarified by the Principal Investigator.
4. Pending payment of Rs.943/- towards purchase of chemicals be considered after the Principal Investigator furnishes the necessary details, clarifications, justifications, certificates, etc..
5. Reasons for payments beyond the project period be answered by the Principal Investigator to be satisfaction of audit.

(Pl.B)

Item No.427.61 : Department of Applied Chemistry - Contract Lecturer - Request to work as Co-principal Investigator of DRDO Project - Consideration of-

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment, Academic Matters, and Finance and Purchase, the request of Dr. N.Sridevi, Lecturer on contract basis, Department of Applied Chemistry to permit her to continue as Co-Principal Investigator of the DRDO funded project and to pay 1/3 of the consultation fee to the Departmental Development Fund of the Department of Applied Chemistry.

Resolved that the request of Dr. N. Sridevi, Lecturer on contract basis, Department of Applied Chemistry to permit her to continue as Co-Principal Investigator of the DRDO funded project and to pay 1/3 of the consultation fee to the Departmental Developmental Fund of the Department of Applied Chemistry be granted

(Ad.D)

Item No. 427.62 : Memorandum of Understanding between School of Environmental Studies and M/s.POABS Envirotech Pvt. Ltd. - Regarding.

....

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, and Finance and Purchase, the draft Memorandum of Understanding (MOU) between the School of Environmental Studies and M/s.POABS Envirotech Private

Limited, Thiruvalla for sharing the expertise available with the School of Environmental Studies from quality control and quality assurance of the biomass from municipal solid waste produced by the firm at their factory at Thiruvananthapuram.

Resolved that the MOU be approved subject to redrafting the same incorporating the following changes.

1. The last sentence of Clause 4 may be changed as 'they shall be given a monthly remuneration not less than Rs.4,000/-'.
2. The following lines may be added to Clause 7.  
'A reasonable remuneration may be fixed as consultancy fee 1/3 of it is to be paid to the University.'
3. 'to be debited to DDF' may be added at the end of Clause 8.
4. Clause 11 may be deleted.
5. Remuneration payable directly to the Project Co-ordinator with the stipulation that 1/3 of the same is payable to the DDF.
6. Royalty appears to be too low and needs to be atleast 5% of total sales.
7. Remuneration to Technical Personnel shall be based on the market conditions and need not form part of the MOU.

(Pl.B)

Item No. 27.63 : Establishment - University teacher - Dr. S. Jayalakshmi, Senior Lecturer, Department of Physics - Permission to visit Scotland - action taken by the Vice-Chancellor - Reporting of - Reg.

The Syndicate noted the action taken by the Vice-Chancellor in permitting Dr. S. Jayalakshmi, Senior Lecturer, Department of Physics to visit Scotland availing herself of vacation during May and June 2000 subject to (1) the restrictions on foreign travel imposed on State and Central Government and (2) without any financial commitment to the University.

Resolved that the action taken by the Vice-Chancellor be ratified.

(Ad.D)

Item No.427.64 : Establishment - University teachers - Dr. K.K. George, Retd. Professor, School of Management Studies - Reckoning of previous service for retirement benefits - Calculation of pro-rata pension - Review - Regarding.

The Syndicate considered, along with the recommendations of the Standing Committees on Staff and Establishment, and Finance and Purchase, the matter of remittance of pension contribution for reckoning of previous service rendered by Dr. K.K. George, Retd. Professor, School of Management Studies in the State Bank of India for retirement benefits and for reviewing the existing decisions

: 24 :

of the Syndicate in the matter of calculation of pro-rata pension for service rendered by teachers and other officers in previous employment.

Resolved that pension contribution collected from the SBI in respect of Dr. K.K. George be accepted by the University for the purpose of reckoning SBI service for computing pensionary benefits in this University.

In this connection, it was further resolved that all claims for reckoning previous service rendered by an employees for claiming pensionary benefits including transfer of the required amount of pro-rata pension be submitted within a period of three years after joining the University service.

For those who are already in service one year should be given to make the claims for previous service for pension contribution.

(Ad.I)

Item No.427.65: Recognition of Institution as Research Centre - Integrated Rural Technology Centre, Mundur, Palakad - Consideration of.

....

This item was deferred for consideration

Item No.427.66: Recognition as Research guide under the faculty of Science - Application of Dr.(Mrs.) Sathy Chandrasekhar, Scientist, Regional Research Laboratory, Thiruvananthapuram - Consideration of.

....

The Syndicate considered, along with the recommendations of the Standing Committee on Academic Matters, the request of Dr.(Mrs.) Sathy Chandrasekhar, Scientist, Regional Research Laboratory, Thiruvananthapuram for recognition as Research Guide under the Faculty of Science.

Resolved Dr.(Mrs.) Sathy Chandrasekhar be recognised as Research Guide of the University under the Faculty of Science.

(Ac.B)

Item No.427.67: Minutes of the meeting of the Staff Council held on 19.7.2000- Consideration of - Regarding.

....

The Syndicate considered, along with the recommendations of the Standing Committees on Academic Matters, Staff and Establishment, Finance and Purchase, and Works, recommendations No.9 and 10 of the minutes of the meeting of the Staff Council held on 19.7.2000.

Resolved that the matter of restoration of reservation of seats in the Colleges of Engineering run by the University for the children of the University employees be discussed with the representatives of students organizations by Dr K.S. Sankaranarayanan, and Dr.N. Chandramohanakumar and a recommendation be submitted to the Vice-Chancellor for necessary action.

(Conf.)

: 25 :

Item No.427.68: B.Tech Exam. Enquiry - Disciplinary action against Smt. K. Valsalakumari, Assistant Registrar - Withholding of one increment with cumulative effect - Date of effect of imposition of penalty - Consideration of.

....

The Syndicate considered, along with the recommendations of the Standing Committee on Staff and Establishment, the matter of fixing the date of effect of the imposition of penalty of withholding one increment to Smt. K. Valsalakumari, Assistant Registrar as a punishment imposed on her as per the decision of the Syndicate vide minutes item No.426.57 dated 15.7.2000.

Resolved that the date of effect of the imposition of penalty of withholding one increment to Smt.K. Valsalakumari, Assistant Registrar as a punishment imposed on her as per the decision of the Syndicate vide minutes item No.426.57 dated 15.7.2000 be w.e.f. the date of the Syndicate decision viz., 15.7.2000.

Also resolved that no further notice need be issued to Smt. Valsalakumari, Assistant Registrar intimating the punishment imposed on her.

(Ad.A)

Item No.427.69: Ph.D. thesis entitled "L.Glutaminase Production by Marine Fungi" submitted by Sri. Sabu, A - Evaluation reports and minutes of viva-voce examination - Consideration of.

....

The Syndicate considered, the individual reports of the Examiners, recommendations of the viva board, and the minutes of the viva-voce examination in respect of the Ph.D. thesis submitted by Sri. Sabu, A, Full-Time Research Student, Department of Biotechnology, Cochin University of Science and Technology who worked under the guidance of Dr. M. Chandrasekaran, Professor, Department of Biotechnology, Cochin University of Science and Technology, Kochi - 682 022.

Resolved that Sri. Sabu, A be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Science for his thesis "L Glutaminase Production by Marine Fungi".

(Exam.)

Item No.427.70: Ph.D thesis entitled "Sahityik Pathrakarita Ka Yogdan Prayogom Ke Pariprekshya Mem" submitted by Sri. Jayachandran, R - Evaluation report and minutes of viva-voce examination - Consideration of.

....

The Syndicate considered, the individual reports of the Examiners, recommendations of the viva-board, and the minutes of the viva-voce examination in respect of the Ph.D. thesis submitted by Sri. Jayachandra, R, Part-time Research Student, Department of Hindi, Cochin University of Science and Technology who worked under the guidance of Dr. S. Shajahan, Professor, Department of Hindi, Cochin University of Science and Technology, Kochi-682 022.

Resolved that Sri.Jayachandran,R. be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Humanities for his thesis "Sahityik Pathrakarita Ka Yogdan Prayogom Ke pariprekshya Mem".

(Exam.)



Item No.427.71: Ph.D thesis entitled "Sathothar Hindi Upanyasom Mein Dalit Jeevan" submitted by Sri.Rajendran Patinhare Karammal - Evaluation reports and minutes of viva-voce examination - Consideration of.

...

The Syndicate considered, the individual reports of the Examiners, recommendations of the viva board, and the minutes of the viva-voce examination in respect of the Ph.D thesis submitted by Sri Rajendran Patinhare Karammal, Part Time Research Student, Department of Hindi, Cochin University of Science and Technology who worked under the guidance of Dr.N. Mohanan, Department of Hindi, Cochin University of Science and Technology, Kochi-682 022.

Resolved that Sri Rajendran Patinhare Karammal be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Science for his thesis "Sathothar Hindi Upanyasom Mein Dalit Jeevan".

(Exam)

Item No.427.72: Ph.D thesis entitled "Religion and Sex Discrimination in Indian Law" submitted by Smt.Ajitha, T.G. - Evaluation reports and minutes of viva-voce examination - Consideration of.

...

The Syndicate considered, the individual reports of the Examiners, recommendations of the viva board, and the minutes of the viva-voce examination in respect of the Ph.D thesis submitted by Smt. Ajitha T.G., Part-time Research Student, School of Legal Studies, Cochin University of Science and Technology who worked under the guidance of Dr. K.N. Chandrasekharan Pillai, Professor, School of Legal Studies, Cochin University of Science and Technology, Kochi- 682 022.

Resolved that Smt. Ajitha, T.G. be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Law for her thesis "Religion and Sex Discrimination in Indian Law".

(Exam.)

Item No.427.73: Ph.D. thesis entitled - "Studies on Production of Bacterial Xylanases" submitted by Sri. Subramaniyan, S - Evaluation reports and minutes of viva-voce examination - consideration of.

....

The Syndicate considered, the individual reports of the Examiners, recommendations of the viva board, and the minutes of the viva-voce examination in respect of the Ph.D thesis submitted by Sri Subramaniyan, S., Full Time Research Student, Regional Research Laboratory, Thiruvananthapuram who worked under the guidance of Dr. P. Prema, Scientists, Biochemical Processing and Waste Water Technology, Regional Research Laboratory, Thiruvananthapuram.

Resolved that Sri Subramaniyan K.S. be declared eligible for the award of the degree of the Doctor of Philosophy under the Faculty of Science for his thesis "Studies on Production of Bacterial Xylanases".

(Exam)

Item No.427.74: Centre for Engineering Studies - Restructuring of the administrative system - Defining powers and functions of the Director, Centre for Engineering Studies and Principals, etc.- Consideration of.

....

The Syndicate considered, along with the recommendations of the Standing Committee on Staff and Establishment, the proposal relating to the restructuring of the administrative system of the Centre for Engineering Studies.

Resolved that the committee constituted for restructuring the Centre for Engineering Studies be authorized to make suggestions on the proposal.

(Ad.A)

Item No.427.75: Consideration of the recommendations of the meeting of the Building Committee held on 17.8.2000.

.....

The Syndicate considered, along with the recommendations of the Standing Committee on works, the recommendations made by the meeting of the building committee held on 17.8.2000 given in Appendix III.

Resolved that the recommendations made by the meeting of the building committee held on 17.8.2000 given in Appendix III be approved.

(Pl.)

Item No.427.76: Construction of workshop building for Cochin University College of Engineering, Pulinkunnu - Work award - Regarding.

....

The Syndicate considered, along with the recommendations of the Standing Committee on Works, the proposal of University Engineer to award the work of construction of workshop building for the Cochin University College of Engineering, Pulinkunnu, to Sri Raju Chacko, Adukuzhiyil House, South Marady P.O., Ernakulam at his quoted rate of 6.3% below the FAC of Rs.1,16,07,661/- with departmental supply of materials worth Rs.9,82,200/- based on 1999 schedule of PWD rates.

Resolved that the proposal of the University Engineer to award the work of construction of workshop building for the Cochin University College of Engineering, Pulinkunnu, to Sri. Raju Chacko, Adukuzhiyil House, South Marady P.O., Ernakulam at his quoted rate of 6.3% below the FAC of Rs.1,16,07,661/- with departmental supply of materials worth Rs.9,82,200/- based on 1999 scheduled of PWD rates be approved.

Further resolved that the expenditure in this regard be met from "2-94-2-T-1-351-Construction of workshop building" provided in the current years budget.

(Fl.A)

## Items Outside the Agenda:

(1) The redrafted Memorandum of Understanding between Department of Ocean Development, Government of India and Cochin University of Science and Technology in the matter of providing to UOD sufficient land area to construct a multi storeyed building in the Lakeside campus, as per resolution under Item No.423.33 (as amended vide the meeting dated 3.6.2000) as in Appendix IV presented by Dr. P. Madhavan Pillai was considered by the Syndicate and approved the same.

(2) It was pointed out that there was an error in the upper age limit prescribed for the post of Maintenance Engineer. Though the scale of pay was compatible with that of Reader the age limit notified was 35.

(Resolved that the post be re-notified with the upper age limit as 45 as on 1.1.2000 indicating that those who have already responded to the earlier notification need not apply against and that their applications will be considered for selection along with fresh ones.)

Resolved that the upper age limit prescribed for the post of Maintenance Engineer need not be enhanced and post need not be re-notified.

(3) The Vice-Chancellor presented the recommendations of the Selection Committee constituted for the selection of candidate applied for the post of Lecturer in the Department of Physical Oceanography.

Resolved that the following rank lists drawn by the Selection Committee be approved.

Sl.No.	Name	Rank No.
1.	Sri. Saji. P.K.	1

Further resolved that Sri. Saji. P.K. be appointed as Lecturer in the Department of Physical Oceanography and he be granted two increments over and above the present basic pay drawn by him at National Institute Of Oceanography.

(4) It was brought to the notice of the Syndicate that a few bills claiming arrears of salary based on the earlier UGC fixation orders of University teachers are kept pending in the Audit Section awaiting fixation orders based on the new UGC pay revision orders recently implemented in the University.

It was resolved that arrear bills of teachers based on the earlier UGC fixation orders received in the Audit Section (as on date) be admitted and payments released.

(5) The Syndicate considered the proposal brought by the Director, Centre for Engineering Studies for creating the teaching posts as given in Appendix V.

Resolved that the posts of Lecturer/Reader/Professor, and the qualifications for the posts as given in Appendix V be created meeting the expenses under the self financing courses.

(6) Resolved that approval be granted to the estimate for extra items amounting to Rs.5 45,677/- (Rupees four lakhs forty five thousand six hundred and seventy seven only) based on 1999 scheduled of FWD rates without any tender excess for the construction of the building for the Department of Statistics and to execute the work as 'extra items' through the same contractor, Sri. Jolly John meeting the expenses from the head "1-97-0-T. Works-1-027. New Buildings for the Department of Statistics" provided in the budget of the University for the current year.

(7) Resolved that steps be taken to start a 5 year M.Sc. Software Engineering in the School of Engineering, Thrikkakara Campus.

(8) Resolved to reduce the minimum required marks for a pass in the Ph.D. entrance test in the case of SC/ST students from 50% to 45%.

(9) The Syndicate noted the action taken by the Vice-Chancellor in permitting the Special Officer, Cochin University College of Engineering, Pulinkunnu to draw an amount of Rs.25/- lakhs as advance and deposit the same in F.D account in State Bank of Travancore, Pulinkunnu so as to make payment of the first instalment of the land value for Pulinkunnu campus, including 3.32 acres of land in Survey No.205/IA of Pulinkunnu Village, Kuttanad Taluk which is to be registered first for starting MCA course, meeting the expenses from the head of account "1-94-2-Q-2-106. Purchase of Land" provided in the current year's budget of the University.

Resolved that the action taken by the Vice-Chancellor be ratified. The Registrar be authorised to execute the sale deed based on the valuation certificate issued by the Revenue authorities.

The meeting came to an end at 2.30 p.m.

Kochi-22  
18.9.2000.

  
REGISTRAR

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Item No 427.08

Appendix - I

General Bilateral Agreement  
Memorandum of Understanding  
on International Exchange Programs

between

COCHIN UNIVERSITY OF SCIENCE AND  
TECHNOLOGY (INDIA)

AND

GROUPE SUP DE CC MONTPELLIER, (FRANCE)

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This Memorandum of Understanding on co-operation is made between: Cochin University of Science and Technology (India) represented by its Vice Chancellor,

-Groupe Sup de Co Montpellier, France represented by the Director, Doctor Didier JOURDAN.

WHEREAS

1. Delegates of both Institutions have visited each other in order to establish academic and research activities between the parties hereto on the basis of friendship, equality and mutual help;
2. It is desirable to make a declaration of intent by all parties as to the areas of cooperation which it is envisaged could be established and developed in the future;
3. Both parties will use their best endeavors to secure the necessary resources to finance the activities hereafter specified which would then be subject to more particular agreements binding between the parties.

NOW, this Memorandum of Understanding witnesses that if and when resources become available, any or all of the following activities may be pursued:

1. Promotion of academic exchange programs and co-operation in research and education and increase the mutual understanding between the two Institutions.
2. Both Institutions agree to promote the following exchange programs:
  - i. Exchange of scholars (professors, lecturers or researchers) and students.
  - ii. Organization of dual/double degree programs.
  - iii. Exchange of academic information, materials and publications.
  - iv. Organization of joint research programs.
  - v. Organization of joint programs. Other academic exchanges to which all Institutions agree.
3. The implementation of each exchange program based on this Memorandum of Understanding shall be separately negotiated and determined by both Institutions.

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4. Selected faculty members from one Institution, as mutually agreed upon, may visit the other Institution to exchange views with teachers and students; to give a series of lectures or symposia; and to take part in seminars.
5. Visiting scholars as selected by one Institution may be sent to the other Institution for such period and subject to such terms as may be more particularly agreed upon.
6. The Institutions will work toward co-operative research on topics of common interest. Such co-operative research may involve exchange visits.
7. Workshops on research topics of interest to both Institutions may be held as mutually agreed upon with the intent that such workshops would be held alternately at each Institution, subject to satisfactory financial arrangements being made by a more particular subsequent agreement.
8. The two Institutions agree to exchange information as to their respective curricula, relevant research reports and other such scholarly material as shall from time to time be thought appropriate by the Institutions. This article included exchange of teaching materials, research papers and other reference materials concerned.
9. The Institutions may promote dual and joint graduate programs leading to an undergraduate and post-graduate degree. Detailed terms as to length of study and finance shall be the subject of a more particular agreement.
10. Applications of students from one Institution desiring to study at the other shall go through a specific selection procedures of the sending Institution.
11. This Memorandum of Understanding will in no way diminish the full autonomy of any Institution, nor will any constraints be imposed by either upon the others in carrying out the Memorandum of Understanding.
12. This Agreement is for an indefinite period of time. It comes into effect on the date of signing, after approval by the relevant authorities in the two institutions.
13. It is understood that any Institution may terminate the Agreement after observing a two-year period of notice.

Sd/-

The CUSAT,  
The Vice-Chancellor

DR. K. BABU JOSEPH  
VICE-CHANCELLOR.

-Le Groupe Sup de Co Montpellier  
Didier Jourdan  
Docteur d'Etat en Sciences Politiques  
Directeur du Groupe Sup de Co Montpellier

Date: 25/06/99

ADDENDUM  
ACADEMIC COOPERATION AGREEMENT  
Including a  
Double Award Program  
MBA of the CUSAT  
and MASTER IN MANAGEMENT  
of the GROUPE SUP DE CO MONTPELLIER,  
FRANCE  
Agreement between  
CUSAT  
And  
Le Groupe Sup de Co Montpellier,  
France

On the basis of the "Memorandum of Understanding on International Exchange Programs" between:

- CUSAT represented by its Vice Chancellor.
- Le Groupe Sup de Co, represented by the Director, Doctor Didier Jourdan, the following points are agreed:

WITNESSETH

1. The institutions' signatory to this agreement anticipate the creation and continuation of close links between them and agree, in the spirit of inter-university collaboration, to develop their collaboration, in the field of education for business, management, industry and commerce.
2. This agreement has as its objective the establishment of an exchange program between the two Institutions and particularly a dual degree program leading to the double awards of the MIM of Sup de Co and the MBA of CUSAT.

I RULES OF EXCHANGES AND AWARD OF DUAL DEGREE

Article I

- Rules of exchange

- 1.1 Each partner agrees to accept the students of the other university on a well-defined program of study which meets the requirements of both institutions and respects the regulations in force for academic study and for membership of the university.
- 1.2 The exchange is based on the principle of reciprocity in number of students and in duration.
- 1.3 While it is desirable to balance on a year to year there shall be a three-year clearing period during which a surplus or deficit in the exchange shall be carried forward.

Article 2

Exchange of student

- 2.1 The students of the CUSAT are admitted at Sup de Co Montpellier:
  - i) for joint degree programs that Sup De Co Montpellier would develop in cooperation with the CUSAT.
  - ii) For particular programs that Sup de Co Montpellier would develop in cooperation with the CUSAT.
  - iii) Students with a Bachelor Degree are admitted for the fall first semester of the final year of Sup de Co Montpellier.



- iv) Students with a Bachelor Degree are admitted for the full academic final year of Sup de Co Montpellier. Students who take all courses of the final year of Sup de Co Montpellier, will be awarded the dual degree: MIM at Sup de Co Montpellier and MBA of CUSAT if they pass successfully all examinations required.

2.2 The Students of Sup de Co Montpellier are admitted to the CUSAT

The Students of Sup de Co Montpellier who achieved at Sup de Co Montpellier the fourth Undergraduate year of Sup de Co Montpellier (Bac + 4) and have been awarded the BScM (Bachelor in Business Sciences) at Sup de Co Montpellier are admitted in the final year of the MBA of the CUSAT students who take all courses of the final year of MBA at CUSAT, will be awarded of the dual degree: MBA of the CUSAT and MIM at Sup de Co Montpellier if they pass successfully all exams required.

### Article 3

#### Exchange Program

This article covers the establishment of an exchange program leading to the double award of the following qualifications:

MIM sup de Co Montpellier

And

MBA from CUSAT

- 3.1 Both institutions are responsible for the selection of the students, who are candidates for the exchange, according to a procedure agreed to by the host institution. Concerned are students of article (2.1 vii) and article (2.2) above.
- 3.2 The students selected for the dual degree must complete all programme requirements of the final year of the Master's degree of the host institution.
- 3.3 If modification will arise, in the program or, credit assessment, both institutions shall inform each other, six month before the new academic exchange, by registered letter with acknowledgement of receipt.
- 3.4 The students will be evaluated under the same conditions as their local colleagues and will have their marks unconditionally validated in their host and in their home institution (dual degree principle)
- 3.5 If their marks are high enough, the Sup de Co Montpellier students will obtain the MBA degree of CUSAT and the MIM of Sup de Co Montpellier.
- 3.6 If their marks are high enough, the students of the CUSAT will obtain the MBA degree of CUSAT and the MIM at Sup de Co Montpellier, France.

### Article 4

#### Conferment of Degrees

The conferment of degrees will conform to the following procedure:

- 4.1 The receiving institution will send the student marks or classification, once they have been agreed, to the home institution.
- 4.2 The host institution will provide for the home institution a statement whether a student has or has not the requirements for the qualification of the host institution
- 4.3 If a student has not fulfilled the requirements of the host institution for the award of their qualification, the home institution has the right to rule on the decision as it affects its own qualification.
- 4.4 When students have met the requirements for the award of the qualification of the host institution, on receipt of the statements referred to in 4.1 and 4.2 above, the home university will award its own qualification and will inform the host institution officially which will then confer its degree or qualification.
- 4.5 The conferment of each degree shall be made only by an official administrative way and never transit by students.
- 4.6 This contract requires the absolute necessity of adherence to the procedure set out in 4.2 and 4.5.

### II TERMS OF TRANSFER

#### Article 5

#### Students' integration

- 5.1 Only the students concerned by the exchange agreement and selected by their home institution will be accepted by both partners. Individual applications of students will not be accepted as part of the exchange.
- 5.2 The students will be able to be exchanged between the institutions and will be able to Graduate only with the written agreement of both institutions at the admission in the dual degree programme.
- 5.3 The number of places available at each institution will be decided by mutual agreement each year.
- 5.4 The students will be generally integrated into their host institution as regular students.
- 5.5 As long as the students are in their host institution they are subject to the School rules in force.

5.6 Every students will provide a certificate that they are covered for any events by their insurance, like health, accidents, (particularly for accidents which might happen during the internship-activity of the students in the companies). This certificate must be valid for all time spent in the host institution.

#### Article 6

##### Financial terms

- 6.1 The students will pay tuition fees at their home university and consequently will not have to pay any tuition fees at the host institution.
- 6.2 The students will be required to pay for their own travel.
- 6.3 Books, course material will be put at free disposal of the exchanged students.
- 6.4 Concerning the financing of boarding and lodging of the exchanged students during their period abroad, both institutions commit themselves to work out that the total expenses charged to the exchanged students are not to exceed 150 USD per month and to offer to the guest-students either internal students-assistantship or internships/industrial placement to cover the balance of the normal living expenses.

#### Article 7

##### Validity

- 7.1 This agreement is concluded for an initial period of 3 years. After this date, and unless otherwise notified, the agreement will be established for an indefinite period of time.
- 7.2 It comes into effect on the date of signing, after approval by the relevant authorities in the two institutions.

#### Article 8

##### Renewal, Termination and Amendment

- 8.1 After the first three years, this agreement may be changed or annulled by either of the institutions giving two years' notice in writing.
- 8.2 However, the effective date of cancellation shall not adversely affect any activities which are already in place.

Sd/-

The CUSAT  
Vice-Chancellor

DR. K. BABU JOSEPH  
VICE- CHANCELLOR

Le Groupe Sup de CO Montpellier  
Didier Jourdan  
Docteur d' Etat en Sciences Politiques  
Director du Groupe Sup de CO Montpellier

Date: 25th JUNE 1999

#### Appendix - II

Item No.427.15

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

ENGINEERING DEPARTMENT

#### ESTIMATE FOR FURNISHING THE GUEST HOUSE ROOMS IN THE ATHIDHI BHAVAN

Sl. No.	Particulars	Qty.	Rate	Amount	
				Rs.	Ps.
1.	Fibre Foam Foam Mattress	96 Nos.	2500/E	2,40,000/-	
2.	Pillows	96 Nos.	250/E	24,000/-	
3.	Bed-sheets	192 No.s	200/E	38,400/-	
4.	Pillow-covers	192 Nos.	100/E	19,200/-	
5.	Waste basket	48 Nos.	50/E	2,400/-	
6.	Plastic bucket	48 Nos.	60/E	2,880/-	
7.	Plastic Mug	96 Nos.	10/E	960/-	
8.	Towel rod	48 Nos.	100/E	48,000/-	
9.	Aluminium curtains	48 Nos.	900/E	43,200/-	
10.	Mirror Stand	48 Nos.	200/E	9,600/-	
11.	Towel	96 Nos.	100/E	9,600/-	
12.	Flask	48 Nos.	150/E	7,200/-	
13.	Glass	96 Nos.	5/E	480/-	
14.	Floor Mat	48 Nos.	90/E	3,840/-	
				4,49,760/-	
Unforeseen items if any				240/-	
				4,50,000/-	

(Rupees Four Lakhs fifty thousand only)

Kochi-22,  
Date: 5.5.2000.

ASST. EXE. ENGINEER IN CHARGE  
OF UNIVERSITY ENGINEER

Appendix-III

Item No.427.75

Minutes of the meeting of Building Committee held at 11.a.m. on 17/8/2000 in the Vice-Chancellor's Chamber.

.....

Present:

1. Vice-Chancellor
2. Shri. M.K. Purushothaman
3. Dr. A. Mohandas
4. Dr. Babu T. Jose
5. Dr. P.V. Benjamin
6. Dr. Benny Mathews, Abraham
7. Registrar
8. Planning and Development Officer
9. University Engineer

Item No.1 To consider the plan and estimate of the workshop of Cochin University College of Engineering, Pulinkunnu:

The Committee recommends that the plan and estimate for this work, presented by the University Engineering Unit, be approved.

Item No.2. To consider the plan and estimate of Laboratory Block II of Cochin University College of Engineering, Pulinkunnu.

The Committee recommends that the plan and estimate for this work, presented by the University Engineering Unit, be approved.

Item No.3. To consider the plan and estimate of temporary building for MCA/BCA of Cochin University College of Engineering, Pulinkunnu:

Consideration of this item was deferred.

Item No.4. To consider the revised plan (in the newly proposed site) for the construction of the 4th Men's Hostel in Thrikkakara Campus:

Consideration of this item was deferred, so as to incorporate the modifications suggested in the plan.

Item No.5. To consider the revised plan for the construction of Ladies Hostel for C.E.S. in Thrikkakara Campus.

Contd....2.

The Committee recommends that the plan for this work, presented by the University Engineering Unit, be approved.

Item No.6. Any other:

This Committee discussed the present position of the work building space for B.Tech Laboratory/Class rooms, School of Computer Sciences.

After due deliberations, the committee recommends that considering the Stalemate developed, a notice be sent to the Architect (after obtaining legal opinion from the University Standing Counsel) to show cause why the offer given to them be not withdrawn.

sd/-  
REGISTRAR

## APPENDIX IV to ITEMS OUTSIDE THE AGENDA

## SERIAL NO. (1)

MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY (CUSAT), KOCHI AND THE DEPARTMENT OF OCEAN DEVELOPMENT (DOD), GOVERNMENT OF INDIA, NEW DELHI.

.....

This Memorandum of understanding (MOU) entered into this day of \_\_\_\_\_ between the President of India through the Department of Ocean Development (Hereinafter referred to as 'DOD' which expression shall unless excluded by or repugnant to the context or meaning thereof include his successors in the office and assigns) of the one part and the Cochin University of Science and Technology, a University established by the Government of Kerala under the Cochin University of Science and Technology Act, 1986 having its head quarters at Kochi (hereinafter referred to as "CUSAT" which expression shall unless excluded by or repugnant to the context or meaning thereof include its successors in interest and permitted assigns of the other part).

WHEREAS DOD has been established by the Government of India for the promotion of advanced studies and research in Ocean related disciplines.

AND WHEREAS DOD in its furtherance of its objectives have established a centre at Kochi for management of Government of India owned Fisheries and Oceanographic Vessel Sagar Sampada, a national facility for the promotion of the ocean related research activities as also for co-ordinating the advanced research and studies in the field of Marine Living Resources.

AND WHEREAS DOD has been promoting various advanced studies and research in Ocean related disciplines particularly in the Marine Living Resource Programmes at the School of Marine Sciences, School of Industrial Fisheries, Department of Electronics, Department of Atmospheric Sciences, Department of Marine Geology, etc. in the CUSAT.

AND WHEREAS DOD in furtherance of its subject proposes to set up a permanent infrastructure at Kochi comprising of an office complex advanced reference and research centre for the promotion of Marine Living Resource Studies in public interest.

AND WHEREAS CUSAT having been benefited by the association and interaction with DOD are desirous to continue the association and interaction with DOD on a permanent basis for achieving excellence in academic and research areas.

Now that both the parties agree that a Memorandum of understanding be entered into for facilitating DOD to CUSAT a permanent infrastructure at Kochi and for ensuring CUSAT a permanent association and interaction with DOD, on terms and conditions as appearing hereinafter.

NOW THIS PRESENT WITNESS AS FOLLOWS:

1. On consideration of the above, CUSAT hereby agreed to provide a built up area measuring 1500 m<sup>2</sup> at their Lakeside Campus in Survey No. \_\_\_\_\_ for DOD to house its Sagar Sampada Cell and related facilities there on long lease for a period of 99 years.
2. In consideration thereof, DOD agrees to bear the cost for constructing the following:
  - (a) foundation for a multi-storeyed building of at least 10 floors with an approximate area of 500 m<sup>2</sup> per floor, and
  - (b) super structure including essential utilities consisting of an area equivalent to the area demolished by CUSAT to construct the new building, and an area of 1500 m<sup>2</sup> for housing Sagar Sampada and related facilities as give in para 1 above.
3. The DOD agrees to pay the expenses in connection with the shifting of the existing laboratories of CUSAT in the space earmarked for the new building temporarily to a rented accommodation, payment of rent for the rented place and shifting the laboratories back to the newly constructed building.
4. The DOD further agrees to provide access to teachers/scientific personnel/research scholars/PG students to make use of the research/library facilities to be set up by DOD as national facility on mutually agreeable terms and conditions.
5. This MOU shall be effective from the date of its signing and shall remain in force until it is terminated. In the event of termination of this MOU, the entire immovable assets created as laid down in the MOU will become the property of CUSAT.
6. In WITNESS WHEREOF, the parties hereto have set in their hands and signature on the day, month and year referred to above.

For and on behalf of:

THE PRESIDENT OF INDIA

For and on behalf of: THE COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Witness: 1.

2.

Appendix V to Item No.(6) - Items outside the agenda of the 427th meeting of the Syndicate held on 19/8/2000.

Sl. No.	Name of the post and scale of pay	Branch/Institution	No. of posts	Qualifications/Experience
1.	Lecturer (2200-4000)	Computer Applications (CUCEK)	4	<p>Essential:</p> <p>First Class B.Tech. degree in Computer Science &amp; Engineering/Information Technology</p> <p>OR</p> <p>First class Masters degree in Computer Science/Computer Applications with a first class Bachelor's degree in Engineering/Computer Applications/Mathematics</p>
2.	Reader (3700-5700)	Computer Applications (CUCEK)	2	<p>Essential: 1. First Class M.Tech degree in Computer Science/Computer Engineering with a first class Bachelor's degree in appropriate branch of Engineering.</p> <p>2. 5 years experience in teaching/industry/research at the level of Lecturer or equivalent.</p> <p>Desirable: Ph.D. in the above area.</p>
3.	Reader (3700-5700)	Chemical Engineering (School of Engineering)	1	<p>Essential: 1. First class Master's degree in Chemical Engineering with first class Bachelor's degree in Chemical Engineering.</p> <p>2. 5 years experience in teaching/industry/research at the level of Lecturer or equivalent.</p> <p>Desirable: Ph.D. in the above area.</p>
4.	Reader (3700-5700)	Chemical Engineering (School of Engineering)	1	<p>Essential: 1. First Class Master's degree in Chemical Engineering with first class Bachelor's degree in Chemical Engineering.</p> <p>2. 5 years experience in teaching/industry/research at the level of Lecturer or equivalent.</p>



Sl. No.	Name of the post and scale of pay	Branch/Institution	No. of posts	Qualifications/Experience	
				Desirable:	<ol style="list-style-type: none"> <li>1. Ph.D. in Chemical Engineering/Pollution Control Engineering/Environmental Engineering.</li> <li>2. Experience in the area of Safety Engineering/Industrial Hygiene.</li> </ol>
4.	Professor (4500-7300)	Marine Engineering (School of Engineering)	1	Essential:	<ol style="list-style-type: none"> <li>1. First Class Master's degree in Marine Engineering with first class Bachelor's degree in Mechanical/Marine Engineering.</li> <li>2. Ph.D. in the above or equivalent professional work/experience.</li> <li>3. 10 years experience in teaching/industry/research out of which 5 years must be the level of Reader or equivalent.</li> </ol>
				Desirable:	<ol style="list-style-type: none"> <li>1. Experience in guiding research.</li> <li>2. Publications of high standard.</li> <li>3. MOT certification by Government of India.</li> <li>4. Sea going experience in Merchant Ships.</li> </ol>
	Professor (4500-7300)	Safety Engineering (School of Engineering)	1	Essential:	<ol style="list-style-type: none"> <li>1. First Class Master's degree in Safety Engineering/Production Engineering with first class Bachelor's degree in Mechanical/Safety Engineering.</li> <li>2. Ph.D. in the above or equivalent professional work/experience.</li> <li>3. 10 years experience in teaching/industry/research out of which 5 years must be at the level of Reader or equivalent.</li> </ol>
				Desirable:	<ol style="list-style-type: none"> <li>1. Experience in guiding research.</li> <li>2. Publications in high standard.</li> <li>3. Hands on experience in the area of Safety Engineering.</li> <li>4. Training in safety courses.</li> </ol>