

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Academic B Section

REGULATIONS FOR THE AWARD OF Ph.D., D. Sc., D.Litt. AND LL.D OF THE COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Note: This is a word processed extract of the original regulation issued vide Notification No. Conf.II/NOT/8/05 dtd. 18/10/2005 effective from 22/05/2004 along with major amendments, additions and deletions effected there after. This is launched into the CUSAT website for the information only and it is advised to refer the original notification and/or amendments for clarification or contact the Academic B Section of the University.

1. Admission of Students to the Ph.D. Programme

- i. A candidate who wishes to pursue a programme of study and research leading to the degree of Doctor of Philosophy (Ph.D) of Cochin University of Science and Technology will be required to seek registration to the programme under these regulations as a Full-Time or Part-Time research student in a University Department of study or in an institution recognized for this purpose by the University under an appropriate Faculty. In the case of Recognised Institutions, Part-Time registration shall be granted only to permanent employees of the respective institutions.
- ii. Candidates who are working in research projects, relevant to the research topic, which have been taken up by a department of the University or by a Recognised Institution, and funded internally or by external funding agencies, will be eligible for Full-Time registration.
- iii. Candidates applying for registration as Part-Time students shall be considered for registration only in cases where the Research Committee is convinced that effective supervision can be ensured.
- iv. Part-Time research students must satisfy a minimum attendance of sixty days in the Department/Recognised Institution.

2. Recognized Institutions

The University may decide to accord recognition, in specified faculties on the recommendation of the Academic Council to a Research / *Educational Institution under the control of Central / State Government as per the provisions of the Cochin University of Science and Technology Act (1986) and the relevant statutes and ordinances in this regard, provided the University is satisfied that the institution will be able to provide the required facilities to candidates to pursue their studies in the institution for the degree of Doctor of Philosophy of the University in the faculties concerned and to fulfil such other conditions that the Syndicate may stipulate from time to time.

*Amendment vide Notification No. Ac B1/12712/08 dtd. 17/05/2010 (w.e.f. 26/08/09)

3. Eligibility for Admission to the Ph.D. Programme

- i. Candidates seeking registration to the Ph.D. programme shall hold a Master's Degree from a recognized University with 55% marks in the qualifying examination, or a CGPA of 6.0 in the 10 point scale. A candidate belonging to SC/ST community shall be eligible for concession up to 10% marks for admission provided that he/she has a pass in the qualifying examination.
- ii. Candidates seeking registration shall have passed the Departmental Admission Test and ranked as per the norms laid down in this regulation.
- iii. Candidates who possess national/state research fellowship with valid scores, with committed financial assistance at the time of seeking admission, in any of the national/state level eligibility tests conducted by the agencies or by industries so recognized by the University for the purpose, are exempted from provision (ii) above.

Amendment vide University Order No. Ac. B2/Misc.IV/2000 Dtd 25.11.2006

“Candidates who have qualified UGC-NET Lectureship Examination are exempted from Departmental Admission Test”.

Amendment vide Notification No. Conf.II/2941/1/07(19) Dtd 04.06.2007, effective from 03/02/2007

“Candidates who have qualified UGC/NET Lectureship Examination or GATE are exempted from Departmental Admission Test. Those NET/GATE/ICAR qualified candidates can join any

time but they will be getting the fellowship along with the Departmental Admission Test qualified candidates who appear before the Fellowship Committee”.

Amendment vide U.O.No. Ac.B2/Misc (a)/07 dtd. 20/05/2006

“A candidate getting a special fellowship without any valid score/test can be registered for the Ph.D. degree after they pass an admission test conducted by the Department. This test can be conducted by the Department as and when required, when the candidate applied for admission on receipt of fellowship. This will be made applicable to other similar fellowship schemes in which national tests are not conducted”

Circular No. Ac B1/09011/2002/ Circular Dated : 20/10/2002

“The validity period of “Lectureship (NET)” for Ph.D. registration is five years from the date of acquiring it as in the case of JRF qualified candidates”

Letter no. Ac B1/19/95 to all the Heads of the Departments / Research Centres, dated 14/08/2003

“The Validity of the NET certificates for the purpose of Ph.D. registration in the University is five years from the date of its issuance.”

- iv. *Teachers of Universities/Aided Colleges in Kerala / Teachers who are working in Quasi Government / Government Institutions recognised by Cochin University of Science and Technology and Scientists in National Level Research Laboratories, who have put in five years of continuous service, and foreign nationals who have been sponsored under a scholarship scheme by the Government of India for undergoing Ph.D. Programme in India, are exempted from provision (ii) above.
(*Amendment vide U.O.No. Ac.B2/20238/08 dtd. 11/03/2010, w.e.f. 2009 Admissions)

4. Procedure to Apply for Admission

- i. A candidate seeking registration to the doctoral programme as Full-Time or Part-Time student shall do so by submitting his/her application in the prescribed form in response to the notification in this respect issued once a year by the University except those coming under provisions in Clause 3 (iii) above.

- ii. Application for admission shall be submitted along with the consent of Supervising Guide to the Head of the University Department concerned in the prescribed form on payment of the prescribed fees.
- iii. Candidates intending to do research in Recognized Institutions should submit their applications through the Head of the Institution to the Registrar of the University who shall forward it to the Head of the respective Department of the University.

5. Research Guide

- i. Teachers in the University service and Scientists / *Teachers of Recognized Institutions under the University coming under Clause 2, who have the Degree of Doctor of Philosophy and those who are already functioning as Research Guides in the faculty concerned are *ipso facto* recognized as Research Guides in the faculty concerned.
*Amendment vide Notification No. Ac B1/12712/08 dtd. 17/05/2010 (w.e.f. 26/08/09)
- ii. Only a teacher of the University and a Scientist / *Teacher of Recognized Institution under the University coming under Clause 2, not below the rank of Lecturer in the University, who has satisfactorily completed his/her probation and (#) holds a Ph.D. Degree, and has published at least two research papers in refereed journals, shall be eligible to be recognized as Research Guides under this provision.
(# The words “**put in three years of continuous service in a Department of the University, or in a Recognised Institution**” has been deleted vide Notification No.Conf.II/2941/2/2006 (11), Dtd 15.07.2006)
*Amendment vide Notification No. Ac B1/12712/08 dtd. 17/05/2010 (w.e.f. 26/08/09)
- iii. Teachers of the University who are also recognized Research Guides of the University may continue to supervise the work of students who are already registered with them, even after retirement. They are eligible to take fresh students under their supervision, and to continue as Research Guides if the University permits so, by virtue of their area of specialization or other valid academic reasons.
- iv. Recognition granted to Scientists/Teachers of Recognised Institutions coming under Clause (2) will cease to exist as soon as they retire from service, or are transferred outside the State of Kerala, or they take up

employment in institutions, or *are transferred to institutions which are not Recognised Institutions of the University coming under Clause 2. The students already registered under them will be allowed to continue under their guidance. However, the recognition granted to Scientists/Teachers shall continue to be valid even after their quitting University service for taking up employment elsewhere, if the University permits them.

*Amendment vide Notification No. Ac B1/12712/08 dtd. 17/05/2010 (w.e.f. 26/08/09)

- v. Any outstanding person whose service as Research Guide is considered to be of value to the University may also be given recognition as Research Guide under an appropriate Faculty on the recommendation of the Research Committee of the Department concerned.
- vi. A person is eligible to be recognized as Research Guide under more than one Faculty of the University at the same time.

6. Number of Research Scholars with a Research Guide

- i. The maximum number of research students working with a Research Guide at a time shall be five. In addition to five, a Research Guide may take one candidate belonging to the category of SC/ST with award of CSIR/UGC or any of the National Level Fellowship or eligible for availing of research grant from the Harijan Welfare Department.
- ii. Notwithstanding anything contained in the provisions above, a Research Guide of the University Department may be allowed to register with him additional candidates up to a maximum of six provided they come under FIP of the UGC, or are teachers with at least 5 years of service in any of the Universities/*Aided Colleges in Kerala or in Quasi Government/Government Institutions recognised by Cochin University of Science and Technology or are working in research projects of at least two years duration, if the research project is funded internally by the University or externally by national or international funding agencies. A Research Guide of the University Department may also be permitted to register with him/her an eligible foreign student sponsored under the Foreign Scholarship Scheme of the Government of India over and above the number prescribed.

(*Amendment vide U.O.No. Ac.B2/20238/08 dtd. 11/03/2010, w.e.f. 2009 Admissions)

7. Joint Supervision

- i. If a Research Guide feels, for valid academic reasons, that the service of an additional guide is desirable the Research Committee may recommend a Joint Guide for joint supervision provided the Research Guide makes such a request in writing.
- ii. For reckoning the maximum number of students who may register under a Research Guide, the candidate under joint/ co-guidance shall not be taken into account.

8. Research Committee

- i. Every Department of Study and Research in the University shall have a Research Committee (RC) with the Head of the Department as Convener, the Dean and all the recognized Research Guides of the University serving in the Department as members. In Departments where there are less than three recognized Research Guides, the Vice-Chancellor may, on recommendation of the Dean of the relevant Faculty, nominate additional members from other relevant Departments/Recognized Institutions to the Research Committee. The Dean will be the ex-officio member of the Research Committee.
- ii. Every Recognized Institution shall similarly have a Research Committee with the Head of the Recognized Institution as Chairman, Research Guide working in the institution nominated by the Chairman as Convener and with all the recognized Research Guides working in the Recognized Institution, the Dean of the relevant Faculty of the University and the Heads of the Departments concerned of the University their nominees as members.
- iii. The Research Committee in the University Departments/ Recognized Institutions shall meet at the beginning of the Academic Year to decide upon the number of research students who can be admitted during the year with their areas of specialization.
- iv. The Research Committee shall meet at least twice a year to review the progress of research work of the registered research students in the Department/Recognized Institution and submit the minutes of the meeting to the University.

9. Admission

- (i) The Departmental Admission Test (DAT) shall have two parts.
 - a) Written test and
 - b) Interview

(ii) Candidates who have scored at least 50% marks in the written examination #**(provided that the minimum is 45% marks for candidates belonging to SC/ST)** will be eligible to be ranked for admission.

#Added the Amendment vide Notification No. Conf. II /2941/2/08 dtd. 06/07/09

(iii) The weightage for written test and interview for ranking will be as follows:

(a) Marks obtained in the Master's Degree level	-	30%
(b) Marks obtained in the Written test	-	50%
(c) Marks obtained in the interview	-	20%
Total	-	100%

10. Interview for Admission

- i. All candidates seeking admission to the Ph.D. Programme who have passed the admission test with a minimum of 50% score, or who are exempted from the admission test under Clause 3(iii) shall be required to present themselves for an interview with the Research Committee or with a Sub-committee appointed by it.
- ii. The committee shall assess the student and award marks for his/her performance in the interview.
- iii. The committee shall also scrutinize the academic records of the candidate, the research proposal made by him/her in the application, the long-term plan of the academic work to be undertaken by the candidate and recommend remedial courses to be taken by the candidate to complete the requirements of the course work.

11. Preparation of the Admission List

- i. Ranking of candidates coming under the purview of clause 10 shall be done on the basis of the marks awarded to them as referred to under clause 10, and those referred to under clause 3 (iii) and (iv) shall be ranked separately.
- ii. Faculty support shall be the main criterion for the selection of candidates.

- iii. The admission list and the waiting list of all eligible candidates shall be displayed on the notice board of the respective Department/Recognized Institution and shall be valid till the call for the next admission.

12. Admission and Registration

- i. A candidate who has been ranked and advised for admission shall take provisional admission in the Department/Recognized Institution within fifteen days from the beginning of the semester after paying the required fees in the University Department/University Office and fulfilling such other requirements as per the admission rules.

Amendment vide Notification No.Conf.II/2941/2/2006 (11), Dtd 27.11.2006 New Clause – 12 (i) (a) effective from 22/05/2004

In pursuance of the resolution of the Academic Council, the Syndicate at its meeting held on 23.09.2006 resolved to include the following as Sub-clause 12(i) (a) in the Ph.D. Regulations 2004.

“The Head of the Department/Recognised Institution shall be empowered to give an extension of time for a further period up to three months to the candidate, if so requested by the candidate and recommended by the Research Guide”.

The Syndicate also resolved to make it applicable from 22.05.2004 (ie., the date of implementation of Ph.D. Regulation 2004).

- ii. The Head of the Department/Recognized Institution shall forward to the University a consolidated list of all those who are provisionally admitted to the Ph.D. Programme.
- iii. The University shall give registration to students for the Doctoral Programme with effect from the date on which he/she was provisionally admitted to the Department/Recognized Institution concerned. Exceptions can be given to UGC-CSIR, JRF/SRF/FIP fellows and those candidates selected by national agencies for admission to Ph.D. Programme.

13. Doctoral Committee

- i. There shall be a Doctoral Committee (DC) to monitor the progress of each student registered for research in the University Department/Recognized Institution.
- ii. In the case of a University Department, the Head of the Department concerned in consultation with the Research Guide shall constitute the Doctoral Committee with Research Guide as Convener, the Joint Guide,

if any, and an approved Research Guide from the same or allied area in the University Department and himself as members.

- iii. In the case of a Recognized Institution, the Head of the Recognized Institution in consultation with the Research Guide shall constitute the Doctoral Committee with Research Guide as Convener, the Co-Guide, if any, and an approved Research Guide from the same or allied area in the University Department and himself as members.
- iv. The Doctoral Committee shall be in existence during the full period of registration of a candidate, with such changes in membership as may become necessary from time to time.
- v. The Doctoral Committee shall be responsible to give assistance to the research student to ensure that good progress is made by him/her.
- vi. The Doctoral Committee shall make recommendations on matters such as the conversion of registration from full-time to part-time and vice versa, recommending extended leave of the candidate for short-term assignments, training etc., and advising the University regarding any change in the maximum or minimum period of registration of the candidate.
- vii. The Doctoral Committee shall be responsible for the preparation of a panel of adjudicators for the evaluation of the thesis.
- viii. The Doctoral Committee shall be competent to recommend to the University any action including cancellation of registration in case of unsatisfactory progress, unethical practices in research committed by the student, or misconduct of the student.

14. Progress Report by the Student

Every student shall submit progress report to the Research Guide every six months which shall be discussed by the Doctoral Committee to assess whether the student is making satisfactory progress or not.

15. Payment of Fees

- i. Every research student shall be required to pay, in time, such fees as may be prescribed by the University up to and including the semester he/she submits the thesis, failing which his/her name shall stand removed from rolls if the default is or more than 30 days after the due date and the matter shall be displayed on the departmental notice board.

- ii. Within a period of 30 days from the date of removal from the rolls, the candidate may be readmitted by the head of the Department/Research Institution on an application made by the candidate, duly recommended by the Research Guide and on payment of all arrears of fees, re-admission fee and the fine as the University may prescribe from time to time.
- iii. In cases where the default in payment of fees exceeds 30 days and candidate fails to apply for re-admission within the next 30 days he/she will be required to apply for re-admission within 180 days, which shall be placed for consideration before the Research Committee. If the Research Committee is satisfied with the genuineness of the causes of delay, it shall be competent to take appropriate decision to re-admit the candidate or not. A candidate who is in default of fees for more than 180 days from the due date, the registration shall remain cancelled.
- iv. Every research student shall make an open presentation of the progress of research achieved during that semester before the payment of the next semester fees.
- v. The half yearly open presentation of the research student shall be convened by the Head of the Department in consultation with his/her Research Guide.
- vi. Only after getting the attendance certificate from the Head of Department/Head of the Recognized Research Institution duly recommended by the Research Guide, and presentation of semester progress, and submission of a written report, the fee for the semester shall be accepted.

16. Attendance

- i. Notwithstanding anything contained in the regulations a candidate who comes under the national/state or such other fellowship or scheme/project etc., shall be governed by the respective rules governing the award of such fellowship/scheme or project, regarding attendance, leave, etc.
- ii. A student registered as full-time research student will be required to have at least 80% attendance in every semester failing which his/her name shall be removed from the rolls of the University subject to the provisions under sub- clauses (iv), (v) and (vi) below:

- iii. The research committee shall be empowered to condone the shortage of attendance upto 10 % on an application made by the student, duly recommended by the Research Guide and endorsed by the Doctoral Committee.
- iv. A research student will be eligible to attend conferences / seminars / specialized training programmes connected with his/her area of research or participate in research cruises or visit other places for collecting data, and such days when they were away from the Department or Recognized Institution, including days of travel, shall count for attendance or for periods of being in residence at the University, if they have been duly authorized to do so by the Research Guide with intimation to the Head of the Department.
- v. Notwithstanding any thing contained in the regulations regarding attendance, a candidate registered for full-time research shall be eligible to avail of leave for thirty days in one calendar year and maternity leave as per University rules, along with leave without fellowship for three months on medical grounds or for any other genuine reasons with the consent of the Research Guide.
- vi. Part-time research scholars should have a minimum of 60 days attendance in a calendar year.

17. Qualifying Examination

- i. Every candidate who is registered for the Ph.D. Programme shall be required to pass a qualifying examination which shall be conducted by the University Department or Recognized Institution concerned as the case may be without which he/she will not be considered qualified to submit his/her thesis for the award of the Ph.D. Degree. However, a candidate holding an M. Phil. Degree may be exempted by the Doctoral Committee from taking the examination if the Doctoral Committee is satisfied that the topic of Doctoral Research is an extension or continuation or expansion of the M. Phil. work of the candidate.
- ii. The Doctoral Committee shall decide upon the particular stage of research work at which the candidate shall take his/her qualifying examination. However, this shall be at least six months before the candidate gives notice for submission of the thesis.
- iii. The qualifying examination shall consist of two written papers of three hours duration each carrying 100 marks each and a viva voce examination of 100 marks.

- iv. A minimum of 50% in the aggregate shall be considered necessary for a pass in the examination.
- v. The Doctoral Committee shall draw up the detailed syllabus for the two papers that the candidate will take in the qualifying examination.
- vi. The Qualifying Examination Board shall consist of two examiners, nominated by the Doctoral Committee from among other Recognized Supervising Guides in the University or Recognized Institutions who are specialists in the area and they shall be responsible for setting the question papers and evaluating the answer papers of the written examination.
- vii. The viva voce examination shall be conducted by the Qualifying Examination Board and the Doctoral Committee.
- viii. A candidate shall have only one additional chance to appear for the qualifying examination and shall pass it and the procedure for the conduct of the qualifying examination shall be the same as in the first instance and the Examination Board shall, as far as possible, be the same as before.

18. Change of Research Guide

- i. The Research Committee shall have the power to consider the request of a candidate to change his/her Guide or to have a Joint Guide provided that the request is supported by his/her guide and the prospective Joint Guide, and the request is recommended by the Doctoral Committee. If the Research Committee gives assent to the request, the matter shall be reported to the University.
- ii. However, such request for change of Guide or Joint Guide shall be made at least six months prior to the candidate's giving notice for submission of the thesis for adjudication by examiners, provided however that, this limitation shall not be applicable in the case where the present guide is unable to continue supervision due to reasons of health, shifting of place of work/residence to a distant place etc.

19. Change of Centre of Research

The Doctoral Committee shall have the power to consider and to give assent to the request of the candidate for change of Centre of Research,

provided the request is recommended by the Research Guide and is accompanied by a 'no objection certificate' from the Head of the present and newly proposed Centre of Research, provided that the proposed Centre has already been recognized by the University for the purpose of Doctoral Research. Such instances of change in the Centre of Research shall be reported to the University immediately.

20. Change of Area of Research

- i. A candidate who is registered for research shall be eligible to apply for the change of the topic or the area of research on payment of the prescribed fee and the Research Committee shall be competent to give assent to the request, which has been duly supported by the Research Guide and the Doctoral Committee and the University shall be informed accordingly. However, such an application for change of topic / the area of research shall be permitted only once during the period of registration, and further that the application for the same shall be made at least six months prior to the notice for submission of thesis.
- ii. A candidate who is registered as a research student shall be eligible to request for approval or a change in the title of his/her thesis and the Doctoral Committee shall be competent to give assent to the request, provided that in the case of change in the title of research, the request shall be made at least one month prior to the submission of thesis.

21. Conversion of Registration from Full-Time to Part-Time

A candidate who is registered for the Ph.D. Programme shall be eligible to apply for conversion of research work from full-time to part-time and vice versa. The Research Committee shall be empowered to grant the request, which is duly recommended by the research guide, and endorsed by the Doctoral Committee. In such cases the matter shall be reported to the University for confirmation.

22. Period of Registration of Research Students

- i. A candidate who is registered for the Ph.D. Degree as full-time student and has completed the course requirements shall be eligible to submit his/her thesis for adjudication, on completion of two years of registration. In the case of part-time students the minimum period of registration shall be three years.

- ii. A candidate who is registered as full-time research student shall remain on the rolls of the University for a maximum period of six years provided that he/she satisfies the periodic progress and the dues are cleared as per rules, after which his/her registration will lapse. The Research Committee shall be competent to extend the period of registration for one more year at the recommendation of the Doctoral Committee and the Research Guide provided that the candidate has made satisfactory progress and the application for extension is made after paying the prescribed fee.
- iii. A candidate who is registered/re-registered as part-time research student shall normally remain on the rolls of the University for a maximum period of seven years after which his/her registration will lapse. The Research Committee shall be competent to extend the period of registration for one more year on the recommendation of the Doctoral Committee provided that the candidate has made satisfactory progress, and the application for extension is made after paying the prescribed fee.
- iv. A candidate who fails to keep his registration due to non payment of fees and long absence on medical grounds may be granted re-registration and his registration may be valid for a period of 10 years.

Note: Academic Council held on 28/11/2003 vide item no 19 (vide U.O. No. Ac. B2/1357/91 dtd. 17/02/2004) resolved that re-registration to Ph.D. programme be granted to a candidate if he/she seeks re-registration within a period of one year from the expiry of the present registration provided that the application is submitted with specific recommendations from Research Guide regarding the commendable work done by the candidate. Further resolved that, **the total period of registration of a candidate including re-registration be limited to a maximum period of ten years.**

- v. A candidate shall cease to be on the rolls of the University as research student as soon as his/her open defence is over, or from the date on which his/her registration is cancelled or lapses for other reasons.

23. Submission of the Thesis for Ph.D. Degree

- i. Every candidate for the award of the degree of Doctor of Philosophy shall be required to submit a thesis embodying the results of his/her research findings to the University for adjudication by examiners.

- ii. The thesis shall be written in English, except the case of a thesis from the Faculty of Humanities where the language of the thesis shall be in the language of study and should conform to the format and standard prescribed by the University from time to time.
- iii. The candidate shall submit five copies of the synopsis prepared in the language proposed to be used in the thesis, and conforming to the specification prescribed by the University **#(along with a CD containing soft copy of the Synopsis in PDF format)** at least one month before the submission of the thesis. **#added the Amendment vide U.O. No.Conf.II/2941/2/2007(PF) dtd.11/06/2008**
- iv. A candidate proposing to submit the thesis shall inform the University, at least one month in advance and such intimation shall be accompanied by a certificate from the Head of the Department that he/she has presented the salient features of the proposed thesis in a pre-submission seminar in the department. The request shall be accompanied by:
 - i. evidence of having paid the required fees prescribed by the University
 - ii. marks issued by the Head of the Department
 - iii. attendance certificate
 - iv. recommendation of the Research Guide to the effect that the work of the candidate is adequate and complete for the requirement of the thesis.
- v. The candidate shall submit the thesis after the expiry of one month from the date of notice, but within a period of six months. The delay in submitting the thesis beyond six months, but within one year may be condoned by the Research Committee on the recommendation of the Doctoral Committee. The Vice-Chancellor may condone delay for a further period of six months in exceptional cases, provided further that the candidate shall submit his/her thesis only during the currency of his/her registration.
- vi. In cases where a candidate is unable to submit the thesis within the maximum period of registration, including extensions provided for under these regulations, the candidate shall be required to take fresh admission on payment of all fee and on fulfilment of other requirements, except that in the case of such admissions the candidate shall not be required to take admission test and course work. But the candidate shall be allowed to submit the thesis only after the expiry of six months after such readmission is granted.

- vii. The candidate shall submit to the University five copies of the thesis, printed or typed clearly in the format prescribed by the Faculty concerned **#(along with a CD containing soft copy of the thesis in PDF format)**. One copy shall be deposited with guide for display in the department on the week preceding the open defence.

#added the Amendment vide U.O. No.Conf.II/2941/2/2007(PF)
dtd.11/06/2008

- viii. A thesis shall be accompanied by the following:

- a. a declaration signed by the candidate to the effect that the Dissertation is outcome of the original work done by the candidate, and that work did not form part of any dissertation submitted for the award of any degree, diploma, associate ship, or any other title or recognition.
- b. a certificate by the research guide(s) to the effect that to the best of his/her/their knowledge the thesis is a bonafide record of research carried out by the candidate under his/her/their supervision.
- c. an appendix containing research article published by him/her alone or jointly with others in the same area of study as additional evidence of the research work done by the candidate.
- d. a brief bio-data of the candidate.

24. Procedure for Adjudication of the Thesis

- i. The thesis shall be adjudicated by three external experts not below the rank of Reader in a University, or holding an equivalent post in a reputed organization and recognized for their scholarship in the relevant field of research.
- ii. (a) Each examiner shall be requested to send a separate individual report on adjudication of the thesis, wherein it shall be specifically stated, whether or not the examiner recommends the award of the degree based on the written thesis, with reasons for the recommendation and if the thesis does not meet the standard expected of a Ph.D. dissertation, suggestions for any improvement that may be incorporated in the thesis.

(b) In the event of two examiners recommending the thesis for the award of Ph.D. Degree and the other examiner rejecting it, the thesis shall be sent to a fourth examiner nominated by the Vice-Chancellor, from the same panel and the decision of the fourth examiner shall be final.

(c) If two of the examiners reject the thesis, it will be rejected. But if one or two of the examiners suggest resubmission of the thesis after revision, the candidate may resubmit the thesis incorporating the changes proposed by the examiner/s after a period of six months and on payment of such fees as may be prescribed by the University. On resubmission, the thesis shall again be sent for adjudication as far as possible to the same examiner/s who had adjudicated it earlier and, if not, by substituting one or both of them with new examiners who shall be selected from the same panel, but otherwise following the same procedure as followed earlier.

(d) The candidate shall have no further chance for resubmission of the thesis and the decision to accept or reject the thesis at this stage shall be final.

- iii. If all the three examiners recommend for the Award of the Degree, University shall make arrangements for the conduct of open defence and a viva voce examination. The open defence/viva voce board shall consist of the Dean of the Faculty under which the candidate is registered as Chairman and any one of the examiners nominated by the Vice-Chancellor from the panel of examiners prepared for the adjudication of the thesis and the Research Guide/Joint Guide, if any, as members.
- iv. Viva voce examination shall be held at a place and time decided by the University after making prior announcement of the same, and after issuing the notice to all the Departments of the University/Recognised Institutions coming under the Faculty, sufficiently in advance.
- v. There shall be an open defence of the thesis by the candidate where he/she has to explain the significance of the work, innovation in methodology and salient features of the findings. He/She may respond to the questions put forward by the audience. This shall be followed by an in camera viva voce examination conducted by the viva voce board.
- vi. At least two members of the viva voce board shall be present at the open defence/viva voce examination.

- vii. If the viva voce examination could not be held on the scheduled date, the candidate shall be required to be present for the open defence and viva voce examination on a subsequent date, as intimated to him/her.
- viii. If in the opinion of the viva voce board the candidate is successful in the viva voce examination, the board shall prepare a consolidated report and present it to the University recommending the Award of the Degree.
- ix. If in the opinion of the viva voce board the candidate is not successful in the viva voce examination the candidate shall be given an additional opportunity after one to three months for the viva voce examination after payment of the prescribed fee, and the decision of viva voce board at this examination shall be the final.
- x. **Added the amendment vide U.O. Ac B2/Mis/08 dtd. 17/05/09**
The award of Ph.D. Degree to be with effect from the successful completion of viva-voce examination as noted by the consolidated report of the Board of Examiners

25. Publication of the Thesis

A candidate who has been awarded the Degree of Doctor of Philosophy shall be free to publish his/her thesis only after incorporating the modifications suggested by the Board of Examiners and a proper acknowledgement to the University shall be made in the publication.

26 Award of D.Sc./D.Litt./LL.D. Degree by the University

- i. A person having a Ph.D. Degree or its equivalent from any of the Universities in India or abroad with a minimum of eight years of post doctoral experience shall be eligible to register for the award of the D.Sc./D.Litt./LL.D. Degree of this University.
- ii. The work presented in the D.Sc./D.Litt./LL.D. shall be original work of a very high standard.
- iii. The content of the dissertation shall be the outcome of candidate's own work.
- iv. The candidate shall have at least five single author research papers in referred journals of high standard prepared during the post doctoral period to his credit, which shall be appended to the dissertation.

- v. The Vice-Chancellor shall appoint three adjudicators from a panel of ten eminent persons not below the rank of Professor in a University, who are working in the area relevant to this subject.
- vi. The panel shall be prepared by a committee constituted by the Vice-Chancellor – the Dean of the Faculty concerned as Convener and the Head of the Department concerned of the University and an expert in the field nominated by the Vice-Chancellor as members.
- vii. If all the three adjudicate the work as original and commendable in quality, the candidate shall be awarded the Degree.

27 Transitory Provisions

- i. The present regulations shall supercede all earlier regulations on the matter, and all fresh registrations of candidates for the degree of Ph.D., D.Sc., D.Litt. and LL.D. shall be made under these regulations.
- ii. A student registered under the earlier regulations shall be eligible to opt to come under these regulations, but such option shall be exercised within a period of six months from the date of notification of these regulations.

28 Regulations for Interdisciplinary Research

No.Conf.II/2941/3/06

Dated 04.08.2008

NOTIFICATION

In exercise of the powers conferred by Section 24 (ii) read with Section 42(1) of the CUSAT Act 1986, the Academic Council at its meeting held on 03.02.2007 resolved to ratify the action taken by the Vice-Chancellor in having approved to incorporate the following Regulation for Interdisciplinary Research as Clause No.28 in the Ph.D. Regulation, 2004.

- i) Interdisciplinary Research must be allowed and encouraged.
- ii) A Post Graduate Degree with 55% marks is necessary in a subject for registration for Ph.D.Degree.
- iii) Registration for Ph.D. can be done in another subject.
- iv) For registration the candidate must get consent letters from two supervising teachers, one in his own subject and the other in the area of the subject in which he combines his core subject.

v) Ph.D. Registration in such cases can be given on the recommendation of a Committee consisting of,

- a) Two supervising teachers
- b) Deans of both Faculties
- c) Head of the Department of the proposed Centre of Research and
- d) Two experts in both subjects nominated by the Vice- Chancellor

In the case of two subjects in the same Faculty the composition of the Committee can be as follows:

- a) Two supervising teachers
- b) Dean of the Faculties
- c) Head of the Department of the proposed Centre of Research and
- d) Two experts nominated by the Vice-Chancellor

vi) The recommendation may be placed before the Research Committee of the proposed Centre of Research or Department for further necessary action.

vii) The Departmental tests for admission can be written in the subject of choice (among the two subjects concerned) of the candidate. Teachers may be given the exceptions provided in the Ph.D. Regulations.

The Vice-Chancellor invoking the powers of Syndicate under Section 11(11) of CUSAT Act 1986 approved the above and made it effective from 07.12.2006. (Notification No.Conf.II/294/3/06 dated 27.07.2007)

The Syndicate at its meeting held on 26.04.2008 vide Item No.528.06 ratified the action taken by the Vice-Chancellor.

(NOTE: The “Department” means “Department/Division/School/ Centre” of the University as the case may be.)