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**Swami Ramanand Teerth
Marathwada University**

Nanded - 431 606 (Maharashtra)

(A UGC 2(f), 12(B) recognized & NAAC Re-accredited State University)

फोन (०२४६२) २२९२४२,४३,फॅक्स २२९५७४

**स्वामी रामानंद तीर्थ
मराठवाडा विद्यापीठ**

नांदेड - ४३१६०६ (महाराष्ट्र)

दि. २०/१२/२०१३

सूचना

याद्वारे सर्व संलग्नित महाविद्यालय प्राचार्य/मार्गदर्शक व संबंधितांना कळविण्यात येते की, पीएच.डी. अध्यादेशात सुधारणा करण्यास्तव गठित समितीने तयार केलेले अध्यादेश मा. विद्या परिषदेत दि. १८/१२/२०१३ रोजीच्या बैठकीत ठेवण्यात आले होते त्याची प्रत या सूचनेखाली देण्यात येत आहे. पीएच.डी. अध्यादेशातील सुधारणेबाबत आपली काही मते तसेच सूचना असल्यास दि. ३०/१२/२०१३ पर्यंत संचालक, महाविद्यालय व विद्यापीठ विकास मंडळ, स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, विष्णुपुरी, नांदेड — ४३१६०७ या पत्त्यावर पाठवाव्यात.

स्वा/—

संचालक,

महाविद्यालय व विद्यापीठ विकास मंडळ

Swami Ramanand Teerth Marathwada University, Nanded
Ordinances for Ph.D. Degree

I) Place of Research

1). The Swami Ramanand Teerth Marathwada University shall offer research programs in diverse fields, conventional as well as interdisciplinary, under the various faculties listed in statute no.533, leading to the award of doctoral degrees (PhD, DSc, DLitt). The candidate pursuing research for these degrees should carry out the research work at a recognized place of research viz, University Schools, University Departments, Research Institutes, Research centers in Affiliated colleges, and CSIR Laboratories or any other such place recognized and approved by the University.

2). Research student: A student must be able to opt from multiple choices of entry provided by the University for Pursuance of the doctoral degree. Lofty standards must be ascertained for entry to the doctoral program. Interdisciplinary research should be promoted wherever possible. Greater exposure to the research culture needs to be provided to the undergraduate and postgraduate students. Research centers must uphold high standards in order to match the global quality.

3). Recognition of Research Centre: An institute / affiliated college can apply for recognition as a research centre, provided it has a good academic standing with post graduate courses in the subject concerned or two completed Major Research Projects in the subject concerned. The research centre should have at least one permanent teaching faculty member as a Research guide for the subject.

(i) Recognition can be sought by submitting a prescribed application form together with the stipulated fee to the Registrar on or before 31st October of the preceding year.

(ii) The application of the college shall be processed as per provisions of 83(3), (4) and (7) of the Maharashtra Universities Act, 1994.

(iii) The application of the research institute shall be processed as per provisions of 84(1) (a to e) and 84 (2, 3 and 4) of the Maharashtra Universities Act, 1994.

4). The Research Centre is required to possess sufficient infrastructure (equipments, physical facilities , books and journals etc.) and adequate number of Research guides to supervise at least six research students. The research centre is to create conducive environment for research activity and interaction among fellow researchers through the means of events such as symposia, workshops, seminars etc.

5). The recognition of a research centre shall stand cancelled in case no research project is undertaken within three years of the date of recognition, and if adequate research papers are not published in reputed journals regularly. Minimum two publications per year are essential for a research scholar.

6). The recognized research centre shall make adequate additional budgetary provisions in order to keep the centre well equipped with instruments, facilities, books and journals etc.

7). The research centre should be able to provide optimum laboratory and library facilities to the students admitted for doctoral programs. The number of students admitted should be commensurate with the facilities available at the centre.

8). The recognition period of a research centre shall be six years initially. After six years the centre can apply for continuation of recognition. A committee appointed by competent authority shall inspect research centre and submit report to the University regarding continuation of recognition.

The rules regarding the eligibility, registration, supervision, submission and evaluation of thesis and the viva-voce and defense of thesis shall be governed by the following ordinances:.

The permission of the recognized Research Centers shall be for six years and Research Centre shall be reviewed after every two years.

The rules regarding the eligibility, registration, supervision, submission and evaluation of thesis and the viva-voce and defense of thesis shall be governed by the following ordinances:

II] Eligibility

i). For admission to the Ph.D. program in a subject in any faculty, an applicant-

a) Shall hold a master's degree with 55% marks for open category candidate, and 50% marks in case of reserved category candidate & *Foreign Students* in the relevant subject from any recognized University or Indian born doing his job in any university out of India and having more than 3 years of approved teaching experience at Degree College or University department be treated as foreign student. Such degree should be recognized and valid for continuing advanced education, and the decision of the concerned Research and Recognition Committee in the matter shall be final

OR

b) Shall hold a master's degree by research and shall have published at least two first authored research papers in peer reviewed journals or M. Phil. from this University only.

OR

c) Shall be a teacher having full time teaching experience of at least ten years in degree colleges and shall have Published at least two *first authored* research papers in peer reviewed journals

OR

d) Shall be a person working in national Laboratories-Institutes / Government-Private Organization nominated / Sponsored/ Recommended by the respective employer and shall have published at least two *first authored* research papers in peer reviewed journals

OR

e) Shall be a person who has qualified in NET/SET/GATE/JRF/GPAT (for valid period only) examination of the apex bodies in higher/technical/professional education such as CSIR/UGC/ICAR /ICMR/DBT only.

OR

f) Shall be a *Person having professional or industrial experience at least ten years*

g) *Person having passed Graduate Degree Examination with 50% marks and with 15 years experience after graduation in related field who is senior citizen of age 60 years and above. This type of exceptional cases, for senior citizen only, shall be at the discretion of Vice-Chancellor.*

ii). Application for research in inter-disciplinary areas and from applicants belonging to a faculty or subject other than the faculty or subject in which the research is proposed to be done and from the international candidates (those who have not obtained the Master's degree from the Indian Universities) shall be considered on the basis of the proven ability and aptitude of the researcher for such a kind of research. The decisions in this regard shall be taken by the Research and Recognition Committee/s concerned. Such interdisciplinary

research (**shall**) be under additional guidance of co-guide/s from the relevant interdisciplinary area. Three years of work experience in the related field is necessary for such candidates.

III] PET (Ph.D. Entrance Test)

The entrance exam, now, is compulsory for any Ph.D. appearing candidate as per the new guidelines laid down by University Grants Commission.

PET / Entrance Test shall be conducted once in a academic year (June/July). Student involved in malpractice case will be liable for the punishment as per the university rules.

i). The number of seats available for Ph.D. in a particular subject shall be decided well in advance and notified, and displayed on the official website of the University or through advertisement. Only pre-determined number of students shall be admitted to Ph.D. program.

ii). The Department / Recognized Institutes / affiliated Colleges (herein after referred as 'Research Centre') will communicate the vacancies subject wise to the PG Section. The number of candidates, the guide or supervisor desires to supervise shall be submitted by the Research Guide to the 'Head of the Research Place', by filling up the '*willingness form*', who in turn will communicate all such vacancies (subject wise) to the PG Section by the end of December and June every year. All such vacancies will be declared by the PG Section through advertisement and university web site.

iii). The admission to the Ph.D. Program shall be either through 'Entrance Test' or through M.Phil. Program. While granting admission to students to Ph.D. Programs, the College Department(s) or Campus School(s) shall follow the State Reservation Policy. Foreign students shall be treated at par with the open category for admission. The list of the 'Recognized Guides' with specialization and the 'Title of the Thesis Awarded' shall be displayed on the official web-site of the university.

iv). An applicant seeking admission to the Ph.D. program shall apply to the Director, Board of College and University Development in the prescribed application form along with **entrance** fee as may be prescribed from time to time for admission.

For Entrance Examination

The candidates who are eligible under ordinance No. II] 1 (b) to (g) will be exempted from entrance examination. In addition to the above *foreign students shall be exempted from the Entrance Test, however, course work shall be compulsory for foreign students. For foreign students, registration to Ph.D. program shall be made during any time of the year; however, admission to Ph.D. program shall be confirmed only after the name of the applicant is recommended by RRC. Research visa shall be mandatory for foreign students.*

The Registration Form should be submitted by the exempted candidates before interview within stipulated time with relevant supporting documents.

Allocation of Research Supervisor(s) / Guide(s)

The allocation of the Research Guide for a selected candidate, including foreign candidates, shall be decided by the Research Centre in a formal manner depending upon the number of candidates per faculty member, the specialization available among the Research Supervisors and the subject interest of the candidates as indicated during interview by the candidate. The

allocation committee may **appoint, in case of interdisciplinary subjects, co-guide/s recognized by this University, if required.** The allotment / allocation of Research Guide shall not be left to the individual candidate or supervisor.

The allocation committee shall consist of:

1. Dean of the concern Faculty – Chair person
2. BOS Chairman from the concern board - Member
3. One subject expert (nominated by VC) - Member
4. Reservation nominee (nominated by VC) - Member
5. Director / Head (of Concern Campus School) – Member

Note: Each member of the ‘Allocation committee’ has to be the research guide.

The Allocation committee shall adopt the following allotment procedure.

1. The total vacancy shall be divided in pro-rata allotment between PET passed and exempted candidates.
2. The total vacancy shall be divided in the respective allotments as per reservation rules of Government of Maharashtra.
3. The committee shall follow academic merit system
 - a) For PET passed candidates PET score is the basis of merit,
 - b) For exempted candidates P.G. score is the basis of merit in the concerned subject.
4. The document verification by the committee before making final allotments.
5. The allotments made by RAC will be limited to the seats available.

The head of research centre shall admit the candidates as per the Govt. rules and reservation policy of S. R. T. M. University, Nanded.

The candidates who qualify PET or who are exempted under provision of ordinance No. II] 1 (b) to (g) shall have **to appear before the ‘Allocation Committee’.**

Allocation Committee shall meet twice in a year to finalize the admission of eligible candidates. The committee shall finalize the supervisor and Research centre, according to the preference given by the candidate. After the allotment of the supervisor, concerned student will finalize the ‘Research Topic’ and shall write ‘Research Proposal’ in consultation with supervisor.

IV] Admission

After the allotment of the guide / supervisor, the applicant shall submit eight copies of his/her Ph.D. proposal, prepared in consultation with the guide, through the Head of the place of research. **Proposal (with suitable ‘title / theme / concept’, ‘earlier work / research survey’. ‘objectives’ with ‘hypothesis’ and ‘research methodology’)** complete in all respects with due fees should be submitted to PG Section that will reach to the **RRC.**

RR committee shall meet after every three months.

The Research and Recognition Committee **then** shall-

- (a) Grant *provisional* admission on the basis of the merit of the proposal, its relevance in regional and national context, and based on the performance of the student in interview and presentation of scheme of his planned research,
- (b) Approve the selection of the topic, guide and Place of Research
- (c) Direct that the synopsis of research proposal shall be announced on the web also giving name of the student, guide and the institute, to avoid duplication.

(d) The date of *submission of synopsis by the candidate to RRC shall be the date of registration*

V) Course Work

Course work shall be compulsory for all those who have not completed the course work in M.Phil. Candidates shall be exempted from clearing the course work, if he/she has already completed the course work. However, candidate shall have to submit the certificate to this effect, from the competent authority.

After having been admitted each Ph.D. student shall be required to undertake course work for a minimum period of one semester. The course work shall be treated as Ph.D. preparation. Course work must include a course on research methodology & philosophy which may include quantitative methods and Computer Applications in the relevant subject. The research scholar may also involve in reviewing of published research in the relevant field. Minimum qualifying requirement for allowing a student to proceed further with the Ph.D. work would be 50%.passing in the course work paper.

The course work will carry 20 credits. The division of the course work is as follows:

- i) Four credits for ‘Research Methodology’**
- ii) Four credits for ‘Computer Applications’**
- iii) Ten credits for subject specific course work (to be taught by the supervisor on contact hour basis, record of attendance to be maintained)**
 - a) Five credits for ‘Foundation & Philosophy’ of the research subject**
 - b) Five credits for ‘Specific Research Subject’**
- iv) Two credits for ‘Field Work’, ‘Seminar’ & other related ‘academic activities’**

Total Credits: - 20

The syllabus for the above course works shall be designed by the respective BOS. The course work shall be treated as pre Ph.D. preparation.

Marks for each paper of the Course Work

Each 5 credits paper shall have 125 marks, 4 credits paper shall have 100 marks and 2 credits paper shall have 50 marks. The total marks for the Course Work will be 500 marks.

Examination and Passing Standard for Course Work

Examinations for the course work shall be based on the credit system followed by the campus. Passing standard for the course work shall also be as per the passing standard for the credit system i.e. 50% separate passing in the internal & external components.

The remuneration per contact hour shall be paid by the university as per the university norms. There shall be written examination for these course works.

Course Work Sessions

First Session:- April to July

Second Session:- September to December

Part Time Research:- There is no provision for part-time research for any students. The other research students will have to sign the ‘Reporting Register’ whenever they visit the department or school for the research work. Maintaining the reporting register will be mandatory for the ‘research centre’.

Progress Register:- Every research scholar shall have to make the entries with regards to i) field work ii) equipments used iii) experiments carried out iv) literature survey v) time spent in computer lab. and any other relevant research work carried out, in the progress registered maintained and signed by the supervisor(s).

The date, duration or registration shall be valid for *five* years. Extension up to a maximum period of *two* years shall be given, in two stages of *one year* each, by the Research and Recognition Committee/s concerned only if considerable work has been done by the candidate. The candidate concerned must submit the application for extension through his guide and the Head of the Place of Research **at least six months prior to the expiry of the registration period. Failure to apply for extension at least six months prior to the expiry of the deadline will lead to the cancellation of the admission. No further extension beyond the stipulated period of the period of registration shall be permissible.**

VI) Re-registration

After completion of seven years the candidate would be allowed to register for Ph.D. degree with the following conditions:

He/she may allow to submit his/her thesis by paying prescribed fee for re-registration of this university.

- i). If the guide is changed, the candidate has to produce No Objection Certificate from his/her previous guide and acceptance letter from new guide.
- ii). If the Research Topic and Guide are changed, the Researcher shall submit his thesis after completion of two years from the date of re-registration.

The Researcher is asked to submit the progress reports duly signed by his/her earlier / previous guide. If the Research Guide is not ready to co-operate, such matters be put in RRC and be finalized in favour of the Researcher. All the Research candidates who have registered their names for Ph. D. before 11 July, 2009 are exempted from PET and course work.

9). (a) If the candidate desires, he/she may partially modify the title and the proposed plan of the research. However, such application/ change must be made within two years from the date of registration. The Dean concerned may approve such changes on the recommendation of the guide.

(b) In case the area of research is to be changed completely, the candidate shall have to register under the new title.

(c) Candidate shall not be allowed to register his name simultaneously in two universities (This University or any other university) for Ph.D. Degree.

10). Generally a candidate shall be required to complete his/her doctoral research under the supervision of the guide who recommends his case for admission. However, the Research and Recognition Committee concerned may allow change of guide on the production of no objection certificate from the first guide and an acceptance letter from the new guide. No objection certificate will not be insisted on if the student brings to the notice of the *university* that his/her guide is not available or interested in guiding him/her research for some reason. The validity of this reason will have to be endorsed by the Dean of the concerned faculty. *However after change of either guide or the research topic, the research student will not be allowed to submit his thesis at least for one year.*

11). Every registered Research Scholar has to submit half yearly Progress Report to the University through the Guide and if the same is not submitted twice in succession i.e. for one year, the Guide shall send a report to the University on the non-compliance of the six monthly progress reports and to initiate further action in this matter. In such a case a fine of

Rs. 500/- will be charged per report for up to one year and registration shall be cancelled in second year for continued failure to file progress report.

12). Registration of the candidate shall be cancelled by the Research and Recognition Committee or a separate committee formed by the Research and Recognition Committee for this purpose under the following circumstances-

(i) The guide, with justification substantiated by half yearly reports, recommends cancellation of the registration.

(ii) The student has requested for cancellation of registration. However, in such case, the student shall not be permitted to register for Ph.D. on the same topic unless comments of the previous guide are obtained.

VII) Ph.D. Fee

13). The fees for the Ph.D. registration shall be as decided by the competent authority from time to time. 50% of the tuition fee shall be returned to the Place of Research.

However, any relaxation in the fees as granted by the competent authority shall not be given to a candidate who registers under 7(b) above.

VIII] Research Supervision /Guide

1) Eligibility: Recognition as a Research Guide shall be accorded to the applicants fulfilling the following conditions.

(i) Applicant has to put in at least three years of research after the award of Ph.D. to him/ her with at least three publications substantiating it (*Post Ph.D. publications which should not be part of his/her doctoral thesis*). Provided that the teacher should have five years of approved teaching experience. OR he is a Scholar of Eminence with proven ability to guide research in the concerned discipline. Provided that, the teacher appointed by the University in the grade of Professor or Associate Professor **to the school**, or Professors and Associate Professors in Engineering/*Pharmacy* appointed through duly constituted Selection Committee, shall be deemed to have been recognized as Guide in the **subject(s) taught in the school/college**, for all purposes **provided that he/she has published minimum of three papers in the SCI/peer reviewed journals in the relevant subject(s)**. This shall not apply to Designated Associate Professors in colleges and university.

(ii) Teacher working outside University area but fulfilling the above conditions could be recognized as Research Guide for guiding research in Recognized Research Institutes, provided he is also recognized as research guide by the University in which area such applicant normally works, and he is posted in the recognized institute where the research is to be carried out. Either the Research Guide or the Candidate should be from the same University area. Recognized Research Institutes may use services of exceptionally talented retired research guides on the recommendations of the Research and Recognition committee. The teacher recognized as research guide shall cease to be so recognized on completion of 65 years of age and shall not register new students after completing 62 years of age.

(iii) In extraordinary cases persons of recognized merit in research with outstanding publications as well as teaching (*Person of Eminence*) could be considered for recognition as Research Guide in relaxation of the above conditions. Such relaxation shall be approved by the Vice-Chancellor *suo-motu or* on the recommendations of the Research and Recognition committee.

(iv) In case of the recognized guide(s), whose department is not a 'Recognized 'Research Place', he/she can register the candidates for Ph.D., by getting attached to the concerned school on the university campus or nearby recognized research centre, provided that

the school does not exceed the quota of Ph.D. candidates to be registered under all the recognized guide(s) in the school for all subjects by over and above 10%.

IX] Interdisciplinary Study

i). Interdisciplinary study will be one in which expert guidance from more than one subject is required. One of this shall be the basic subject in which the student has acquired his PG degree and the other/s will be allied subject/s which not only help in the research but enhance overall quality of research/applied research and are essential for the same. The Ph.D. in this case will be awarded in the basic subject *or interdisciplinary subject preferred by the student.*

Inter-faculty Study

Inter-faculty study will be one in which expert guidance from other subject is required. Under this, any candidate from any subject can register for Ph.D. under any subject with the special permission from Vice-Chancellor.

ii). The guide in interdisciplinary study must have his/her Ph.D. in the allied field of the subject **or provided that he/she has published minimum of three papers in the SCI/peer reviewed journals in the** subject(s) of interdisciplinary study in last three years preceding the registration of student. He shall not guide in subject/topic in which he has no expertise.

iii). If the topic of research is such that expertise from more than one subject/field is required for the work, co-guide from such other subject/field shall be permitted. However, the guide from the basic subject of the student shall be the main guide.

iv). Whether the topic/field is interdisciplinary **or not** shall be decided by Board of Interdisciplinary Studies of the faculty.

v). a) Topics in subjects in Appendix-2 shall be considered interdisciplinary which may require expertise of co-guide/guide from allied field.

b) Guide from allied subjects/fields shall be permitted to guide only in his field of specialization in the interdisciplinary subjects.

c) The interdisciplinary study subjects and the related/allied subject/s shall be as given in *Appendix-2*. Additional subjects shall be added to it as approved by the concerned Board of Interdisciplinary Studies through respective Deans. However, the Ph.D. in interdisciplinary subjects will be in the field of basic subject/ or interdisciplinary subject *preferred by the student.*

X] Workload Remission/number of students

i). Every recognized Research Guide will be entitled to a remission of two periods in his workload provided he has at least two Research Scholars registered with him in this university.

ii). The total number of students permitted to be registered with a guide from this university shall be as follows:

(a) *Professor- 08*

(b) *Associate-Professor- 08*

(c) *Assistant Professor- 08*

A supervisor shall not have, at any given point of time, more than Eight Ph.D. Scholars and Five M.Phil. Scholars (including all the inter-disciplinary subject(s) in which he/she is a guide). A Special concession is granted for registering two senior citizens or two foreign students as Ph.D. students. In such case(s) the supervisor shall not have, more than Three M.Phil. Scholars with him/her. In any case the number should not exceed thirteen.

iii). In case of Recognized Research Institute, the guide shall be permitted to have a maximum of 08 research students registered at the Research Institute, provided the guide is

posted to and guiding research exclusively at the Institute, as the Institute is not involved in teaching but only in research.

iv). Guide from outside the university area shall be permitted only two candidates to be registered for research *and either the student or the guide should be from the University area.*

XI] Withdrawal of Recognition as Guide

Recognition as Research Guide granted to a teacher shall stand withdrawn in case-

i) No Research Scholar registers under him within five years from the date of recognition,

OR

ii) No Research Scholar registered under him submits thesis for award of Ph.D. Degree within seven years from the date of recognition. However, in such cases, say of the concerned guide and opinion of the Dean shall be considered,

OR

iii) Not published at least three research papers in case of Campus School faculty or two research papers in case of a college faculty, in *referred* journal within a period of five years,

OR

iv) is involved in serious breach of Rules as laid down involving gross Administrative and Academic lapses, financial irregularities and malpractices, willful and perpetual negligence of duties and activities involving moral turpitude.

OR

v) *Guide should not have at least one major/minor research project on his credit*

XII] Research without Guide

i). Persons desirous of registering their names for undertaking independent Research Work shall have not less than 10 years of teaching/professional experience and research aptitude evidenced by publication of at least three research papers in reputed journals, subject to approval from the Research and Recognition Committee for approving independent registration.

ii). As a special case, the Research and Recognition Committee, may allow a candidate to register for Ph.D. independently i.e. without having to work under the supervision of a guide, provided that a committee consisting of the following shall examine the matter and report to the Vice-Chancellor, whose decision shall be final:

1) Dean of the Faculty (Convener)

2) Nominee of the Vice-Chancellor (Subject expert)

3) The Head of Place of Research

The report shall include specific recommendation as to whether student be permitted to register independently with reasons.

XIII] Submission and Evaluation of Thesis

i). (a) Every Research Scholar **before submitting the thesis shall have to submit the ‘no due certificate’ duly signed by the ‘librarian’, ‘research lab in-charge’, PG Section, ‘Supervisor’, ‘Head’ / ‘Director’ & ‘Principal’ / ‘Registrar’.**

Every Research Scholar shall submit ten copies of the synopsis of his/her thesis with the specific title through the Guide six months before submitting the thesis along with the prescribed evaluation fee. **The final synopsis should contain ‘Title of the thesis’, ‘objectives’, ‘hypothesis’, ‘research techniques used’, chapter-wise brief account of the work done and overall conclusion.** On examination of the synopsis by the R & R committee, **RRC** shall permit submission of thesis.

(b) A Research Scholar is expected to complete his research work within *three* years from the date of registration and submit the thesis. However, if the Guide is fully satisfied he/she could recommend submission of thesis after two *and half* years from the date of registration. This shall be considered on merit and documents submitted in support in this matter *and recommended by the RRC and approved by the Vice-Chancellor*. Further, if the candidate is M. Phil. in the subject, he may be permitted to submit the thesis after *two* years from the date of registration provided *he/she extends his/her research work leading to Ph.D. degree*. If the M.Phil. candidate wants to pursue Ph.D. in any other topic than the M.Phil topic then he/she may submit his/her thesis after two and half years from the date of registration, if the guide is fully satisfied.

ii). Up to three months before the date of submission of the thesis each candidate shall give a pre-submission seminar to be arranged by the Head of the Place of Research on the request of the student duly endorsed by the guide. **The seminar shall be open to all faculty members and research students.** The final plan of the thesis will be discussed by the research scholars present, among whom the presence of the research guide. The Head of the *Department or Head of the Place of Research* shall send copy of the report on presentation, without which the **final synopsis** shall not be permitted to be submitted. **The synopsis of the thesis is to be submitted only after successful presentation of pre-Ph.D. seminar. Compliance of the queries raised or comments made during the pre-Ph.D. seminar must be incorporated in the synopsis. The thesis shall be submitted after the report of the synopsis are received. If any changes are suggested by the referee then such changes will have to be included in the thesis before the thesis is submitted for the evaluation.**

iii). *Ph.D. candidates shall publish one research paper in a referred journal before the submission of synopsis and produce evidence for the same in the form of acceptance letter or the reprint (As per the U.G.C. regulation 2009)*

iv). The candidate shall be allowed to submit his/her thesis up to six months from the date of submission of synopsis, failing which the candidate will have to pay the prescribed fine for late submission. Late submission of thesis shall be allowed up to the completion of one year from the date of submission of synopsis or till the expiry of the registration period whichever is earlier.

v). The thesis shall include a certificate by the candidate that the work reported in the thesis has been carried out by the candidate himself/herself and that the material from other sources, if any, is duly acknowledged.

vi). The thesis shall be written in English/Marathi/Hindi except when it is related to modern European or Indian languages. In the faculties of Science, Engineering, Medicine, Law and Pharmacy the thesis shall be written in English only.

vii). The Guide shall submit maximum two synopsis at the time of one particular RRC.

viii). The candidate shall submit five copies of his /her thesis in form of *hard bound* papers along with a soft copy through Guide and the Head, Place of Research and produce an acknowledgement receipt of thesis by the research guide and the Head, Place of Research. The thesis shall be accompanied by declaration signed by the candidate to the effect that 'the thesis is his/her original and independent work'. It shall also be authenticated by the Guide.

ix). The final thesis shall be presented in accordance with the following specifications:

a) The paper used for printing shall be A4 size.

b) Printing shall be in a standardized form on one side of the paper and in one-and-half spacing.

c) A margin of one-and-half inches shall be left on the left hand side.

d) The card for cover shall not be more than 330 gms.

e) (i) The title of the thesis (ii) name of the University (iii) degree, its subject and faculty (iv) name of the candidate, (v) name of the guide and co-guide, if any and (vi)

the month and year of submission shall be printed on the title page and the front cover (*Appendix-1*).

XIV] Appointment of Examiners

- i). The procedure for appointment of examiners shall be undertaken soon after the candidate submits his/her synopsis.
- ii). The synopsis shall be forwarded to concerned Research and Recognition Committee/s. The Committee shall recommend to the V.C. or Board of Examination (BOE)/*Dean* a panel of six external examiners in the prescribed format (**along with the latest biodata of the examiner(s) and letter to the effect that he/she is the recognised guide of the university**), of which at least three shall be from within Maharashtra and three are from out of Maharashtra. A list of experts/ referee shall be prepared for each subject with various specializations by the concerned Board of Studies for the purpose of selection of referees. The V.C. or BOE may approve all the names on the panel in order of priority, add or delete or may refer back to the concerned Research and Recognition Committee. Care shall be taken to avoid reciprocal appointment of referee vis-à-vis the guiding teacher at least for a period of five years. *However not more than two theses should be sent to one expert in a year of a particular subject.* If the approval of the panel is delayed beyond three months, the Ph.D. candidate, through his guide may bring this matter to the notice of the Vice-Chancellor directly and Vice-Chancellor in such case may initiate appropriate action in consultation with the Dean and ensure that the panel is approved within a month. If this method shall stand amended if provisions of the Maharashtra Universities Act, 1994 in this matter are amended subsequently.
- iii). The guide of the candidate shall be the internal examiner. In case of a candidate working independently, the Research and Recognition Committee concerned shall recommend to the BOE the name of a recognized research guide who shall be the internal examiner.

XV] Evaluation

- i). After the V.C. or BOE has approved the panel of examiners, the Director Board of College and University Development / Controller of Examination (COE) shall invite the first two examiners on the approved panel to examine the thesis. When an examiner accepts the invitation and the candidate has submitted the thesis, the Director, Board of College and University Development /COE shall forward the thesis to the examiner(s) within a week from the date of receipt of acceptance letter or the submission of the thesis, whichever is later. If an examiner does not accept the invitation within thirty days from the date of dispatch of the invitation letter, invitation shall be sent to the next examiner on the panel.
- ii). The internal as well as external examiners shall independently send their reports in the prescribed format (Appendix 3) to the Director, Board of College and University Development /COE within sixty days from the date of receipt of the thesis with a copy to the internal examiner (**The reports sent by e-mail shall be accepted**) If an examiner fails to do so, the Director, Board of College and University Development /COE shall send him/her a reminder immediately after the expiry of the said period and request him/her to submit the report within thirty days thereof. If the examiner concerned fails to comply even within the extended time, the Director, Board of College and University Development /COE shall invite the next examiner on the approved panel to evaluate the thesis. In the event of a request for

late submission of report, receipt, postal delay, etc the Dean concerned shall take an appropriate decision in the interest of the candidate concerned.

iii). The Director, Board of College and University Development /COE after ascertaining that all the three reports are favorable, arrange the viva and the defense of thesis on an earliest date suitable to the internal examiner, the nearest or earliest available external examiner and the chairperson. The reports, **received from the external examiner(s)**, shall be made available to the candidate, **the research guide and the chairperson immediately for the compliance of the comments made in the thesis,**

iv). In case an external examiner gives an unfavorable report the Director, Board of College and University Development /COE shall get the thesis examined by the next examiner from the panel of examiners approved by the V.C. or BOE. If both or two out of three external examiners give unfavorable reports, the candidate shall be declared as failed.

v). In case both the referees/examiners call for major revision and rewriting of the thesis, the thesis shall be so revised, rewritten and resubmitted within a period of one calendar year from the date the referees' comments are communicated to the candidate. In such a case tuition fee for the year and 75% of examination fee shall be paid for resubmission. If more than one year's time is required but total time so required is less than seven years from initial registration, the candidate shall be granted extension of time to that extent. In such a case yearly tuition fees and full examination fee shall be paid by the candidate for resubmission.

vi). It shall be mandatory for the examiners to return the copy of thesis to the university.

vii). a) The lodging and boarding arrangement of the examiner shall preferably be made in the university guest house by the Ph.D. section.

b) Candidate in no case should try to make contact with or entertain the examiner before the viva-voce. The examiner(s) shall have to sign the certificate to that effect, and shall have to submit the same to the Vice-Chancellor (Appendix - 4).

c) The name of the External examiner(s) who assesses/assess the thesis shall not be included in any other committee nor he/she shall be invited as a resource person for at least a period of one year.

XVI] Viva Voce and Open Defence of Thesis

i) Viva Voce shall be held at the University preferably *on the Campus. The Vice Chancellor shall nominate the Chairperson from amongst the Dean of concern faculty / Professor / Director of School/ Chairman of the concern BOS in the concerned subject not less than **the** cadre of Associate Professor (with at least five years post Ph.D. experience)/ for the Viva-voce and the defence of the thesis.*

ii) The day, date, time and the place for the viva voce and the defence of thesis shall be notified by the Examination Section, in consultation with the internal examiner, at least eight days in advance.

iii) The defence of the thesis shall take place in the presence of the internal examiner, one external examiner and the chairperson, who shall jointly evaluate the performance of the candidate.

iv) *In case none of the external referees is available for the viva-voce of the candidate, the Vice-Chancellor, on the recommendation of the Dean concerned, shall appoint a senior research guide in the subject to act as an examiner for the defence of the thesis. If the internal examiner is not available, the Vice-Chancellor shall appoint one of the senior research guides in the subject concerned.*

v) The examiners present for the viva-voce and the defense of the thesis shall submit their final consolidated report to the Director, Board of College and University Development /COE through the Chairperson of the Viva-voce immediately after the defense is over. **The final recommendation of the examiners shall be by majority.** After acceptance of the same, the Examination Section shall issue the notification.

vi) In case the defense is not satisfactory the examiners may recommend that a fresh viva-voce and the defense of thesis be organized after **six months**, but in any case within one year. For such fresh viva-voce, fresh fee of Rs. 5000/- or as required to meet the expenses for the viva voce whichever is higher shall be charged.

vii) The overall result shall be officially declared by the Examination Section *on the same day* of the defence of thesis or next day.

viii) *On following the successful completion of evaluation process and announcement of the award of Ph.D. the University shall submit a soft copy of the Ph.D. thesis to the U.G.C. within a period of 30 days (as per the U.G.C. regulations 2009).*

XVII] Teacher Recognition

i) A Full-time, adjunct or honorary Professor, Reader or Lecturer, Associate Professor, Principal, Reader, Lecturer may impart post-graduate instructions if he is recognized to do so by the University. The teacher appointed by the University in the grade of Professor or Associate / Assistant Professor in the Campus Schools of teaching shall be deemed to have been recognized as the Post-graduate teacher for imparting instruction to the Post-graduate courses in the corresponding School.

ii) Applicants seeking recognition as Post-graduate Teachers shall apply in the prescribed form in triplicate together with a fee as prescribed **by the university** from time to time each year for consideration under S.36 (A) of the Act.

iii) College teachers possessing academic qualifications as prescribed by the UGC or who approved college teachers are and who fulfill any of the following conditions shall be recognized as Post-graduate Teachers, provided the place/college where they are teaching is permitted to run the P.G. course in the respective subject.

a) Ph.D. with three years experience of teaching under-graduate classes.

b) M.Phil. with five years experience of teaching under-graduate classes.

c) Respective Master's Degree in first class with six years experience of teaching under graduate classes.

d) Seven years experience of teaching under-graduate classes in the case of all others.

e) A teacher who is a recognised guide shall be deemed to have been recognized as the Post-graduate teacher for imparting instruction to the Post-graduate courses

The above norms shall be applicable to teachers in the faculties of Arts, Social Sciences, Science, Commerce & Management Sciences, Law, Education and Physical Education. . In addition, rules as prescribed by concerned professional body for the respective professional course shall be *coterminous with the continuation of* the concerned PG Center as well as continuation of the concerned teacher in the college, subject to provisions of *PG/14/2003-04 below*

iv) Ordinarily a teacher seeking recognition as the Post-graduate teacher shall not be above 60 years of age. The teacher recognized for the Post-graduate teaching, shall cease to be so recognized on completion of 65 years of age.

XVIII] Withdrawal of Recognition

i) Recognition for Post-graduate teaching/research shall stand withdrawn as soon as such teacher is convicted by the court of law for offence involving moral turpitude, has become insane and stands so declared by a competent court, has become undercharged insolvent and so declared by a competent court, or has been physically unfit and incapable for discharging functions due to protracted illness or physical disability.

ii) a) Recognition for Post-graduate teaching/research shall stand withdrawn in case his approval as teacher in a College or Recognized Institution is withdrawn by the University.

b) Recognition for Post-graduate teaching / research shall be withdrawn if it is found that the teacher has submitted false or fabricated information/documents for recognition.

c) Recognition for Post-graduate teaching/research shall be withdrawn in case the teacher has committed any misconduct and has been inflicted with a major penalty for the misconduct having been duly proved.

d) The recognition for Post-graduate teaching/research under the previous ordinances shall be withdrawn only after due and sufficient opportunity is provided to such a teacher to show cause as to why such recognition should not be withdrawn. The decision of the Board of University Teaching and Research thereon shall be final.

XIX] D.Sc./D. Litt.

i). An applicant seeking admission to the D.Sc./ D. Litt. program shall apply to the Director, Board of College and University Development in the prescribed application form along with registration fee as may be prescribed from time to time in the month of June and December of every year, for admission to respectively start from 1st July and 1st January of every academic year, which will be treated as dates of provisional admission.

ii). A candidate to be eligible to the D.Sc./ D.Litt. should have Ph.D. in the requisite subject with 10 years of research after Ph.D. substantiated by 15 research publications of which at least 5 shall be in international refereed journals of repute for D.Sc. and 15 research publications in national referred journals of repute for D.Litt.

iii). The candidate shall submit a detailed plan of research along with details of status of research in the topic at national and international level. The plan shall include detailed methodology, equipment to be used, analyses/studies to be made and objectives planned to be achieved with a time frame.

iv). There shall be separate committee comprising the following to advise the Research and Recognition committee on D.Sc./D.Litt. matters, including nominations of examiners.

a) The Dean (Convener)

b) Vice-Chancellor's nominee (subject expert)

c) Head of the School in concerned subject not below the rank of Professor or Professor from School with at least 10 years of experience as Professor

d) Two experts from outside the university area, not below the rank of Professor, with at least 10 years of experience as Professor in the subject, except in case of regional language.

v). The objectives and the research shall be such as is not covered under normal research leading to Ph.D. and having national and international ramifications. The plan of research shall be sent to two referees of eminence in the field concerned outside the State, who shall be asked to state whether the proposal is worth considering for D.Sc. / D. Litt. Only when both experts give favorable opinion the candidate shall be considered for registration for D.Sc./D.Litt.

The reports of experts should also specifically state that the thesis is likely to be characterized by-

a) Discovery of new facts OR

- b) A fresh interpretation of known facts and re-examination of current theories and by
 - c) The capacity of the applicant for critical examination, sound judgment and systematic exposition of either case.
- vi). The registration for D.Sc. / D. Lit. Shall be valid for 5 years without extension. The fees per year and the examination fee shall be as prescribed by the competent authority from time to time.
- vii). The thesis shall be sent to three examiners of which one shall be a foreign examiner in the field for D.Sc. and two shall be Indian nationals who have a position of eminence in the field.
- viii). The other procedures of thesis submission, appointment of examiners, evaluation and viva-voce vide PG/9/2003-04 to PG/12/2003-04 shall apply mutatis mutandis to D.Sc./D.Litt. In addition, following additional clauses shall be added to the viva-voce procedure.
- a) The report of viva-voce examination of the candidate shall include verification of facts that-
- 1) The thesis is genuinely and entirely the work of the candidate
 - 2) The candidate is thoroughly acquainted with the original sources and the subjects allied to the theme of the thesis and that
 - 3) The candidate evinces critical acumen and sound judgment
- b) In case the recommendation of viva-voce examination differs from that given in case of written thesis because of report under 5 (a) above that the thesis is not genuinely candidate's own, the thesis shall be rejected forthwith.
- c) In case the defense is not satisfactory, or recommendation of the viva-voce examination differs from the recommendation on written thesis, the examiners may unanimously recommend that a fresh viva-voce and the defense of thesis be organized after a certain period of time, but in any case within one year. For such fresh viva-voce, fresh fee as approved by the competent authority from time to time shall be charged. In the event of candidate's failure at the viva-voce examination for the second time, his thesis shall be rejected.

XX] Malpractice in the Thesis

Any case of malpractice during the preparation of thesis for Ph.D. & D.Sc. and evaluation shall be liable for punishment as per the university rules and regulations.