


**AMENDMENTS FOR THE PH.D REGULATIONS 2019 (8<sup>TH</sup> RESEARCH BOARD)**

The following Amendments to the Ph.D. Regulations 2016 of Vinayaka Mission's Research Foundation (Deemed to be University, Salem, in consonance with UGC M.Phil / Ph.D Regulations Amendments in 2018 and the Approval of 55<sup>th</sup> Academic Council and 73<sup>rd</sup> Board of Management, shall be applicable to all Ph.D. programmes offered by the university, with effect from April,2019. These regulations may be called the **"Regulations Governing Doctoral degree Programme(Amentment) regulations 2019"**.

S.No	Existing	Amended Clause	Reference
01	<p><b>2. Preamble:</b></p> <p>The degree of Doctor of Philosophy (Ph.D.) shall be awarded to a candidate who, as per these regulations, has submitted a thesis on the basis of original and independent research that makes a contribution to advancement of knowledge, after being approved by duly constituted examiners as per norms.</p>	<p><b>2. Preamble:</b></p> <p>In exercise of the powers conferred by the Memorandum of Association of Vinayaka Mission's Research Foundation – Deemed to be University (VMRF-DU), the Academic Council of VMRF-DU hereby makes the following regulations in the name of "Doctor of Philosophy (Ph.D.) Regulations for Research in Engineering, Medical, Dental, Health Sciences, Science, Arts and Humanities at VMRF _ DU", which are subject to modifications, from time to time as decided by the Academic Council of this University.</p> <p>The Degree of Doctor of Philosophy (Ph.D.) is awarded to a candidate, who, as per these regulations, has submitted a thesis on the basis of original research work done by him/ her in any particular discipline or more than one discipline, that makes a contribution to the advancement of knowledge in Engineering, Technology, Medical, Dental, Health Sciences, Science, Arts or Humanities or to innovate methods of application of existing knowledge in Engineering, Technology, Medical, Dental, Health Sciences, Science, Arts and Humanities so as to contribute to the betterment of the community and has had the thesis approved by suitably constituted examiners as required.</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>





02		<p><b>3. Definitions</b></p> <p>In the Regulations, unless the context otherwise requires,</p> <p>(i). "University" means Vinayaka Mission's Research Foundation (Deemed to be University)</p> <p>(ii). "Programme" means Doctoral Programme leading to the award of Ph.D. in Engineering and Technology / Science and Humanities / Medical and Health Sciences.</p> <p>(iii) " Supervisor means any faculty member of the University who has been" recognized by the University to supervise the research scholars.</p> <p>(iv) "Doctoral Committee" means a Committee constituted by the University for each Scholar to monitor the progress of his/her research work.</p> <p>(v) "Research Co-ordinator" means Head of the Institution/ Department/Organization of the Part-time (Ext.) scholar where he/she is employed</p> <p>(vi) "Scholar" means any candidate admitted by the University either under Full-time or Part-time category for pursuing research for the award of Ph.D. degree of the University.</p> <p>vii) Course" means a theory subject/a practical subject of PG programme/a directed study prescribed by the Doctoral Committee for the scholar to undergo as a part of the Ph.D. Programme.</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>
03	<p>3.1. Full-Time Ph.D. Programme:</p> <p>3.1.1.Candidates under Full Time shall do research work in this University and shall be available at the assigned department of the University /Institution during the working hours for curricular, co-curricular and related activities and shall sign in an attendances register on all working days of the Institution, subject to availing leave as per the leave provisions that remain in currently for teaching staff of the Institution</p> <p>3.13 Candidates who are sponsored by the AICTE (under Quality Improvement Programme (QIP) for Teachers of Engineering Colleges) or by any other Government Agency and who satisfy the</p>	<p>There shall be three categories of Ph.D candidates:</p> <p><b>4.1. Full-Time Ph.D. Programme:</b></p> <p>4.1.1 All candidates who pursue full time research in this University shall belong to this category. Candidates under Full Time shall do research work in this University and shall be available at the assigned department of the University /Institution during the working hours for curricular, co-curricular and related activities and shall sign in an attendances register on all working days of the Institution, subject to availing leave as per the leave provisions that remain in currently for teaching staff of the Institution.</p> <p>4.1.3 Candidates who are sponsored by the AICTE (under Quality Improvement Programme (QIP) for Teachers of Engineering Colleges, <b>Pharmacy</b>) or by any other Government Agency and who satisfy the eligibility conditions shall be eligible for Full-</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>



	<p>eligibility conditions shall be eligible for Full-time only, in the disciplines as notified in AICTE Supervisor lines.</p> <p><b>3.2 Part-Time Ph.D. Programme:</b></p> <p>3.2.1 Provision to pursue Part-time Ph.D. programme is available to full time faculty members of the institutions under the ambit of Vinayaka Mission's Research Foundation (Deemed to be University)(VMRF(DU)).</p> <p>3.2.2. This provision is also available to candidates working outside VMRF(DU), in industrial units or R &amp; D Departments / Units of Government / Quasi Government or any other University or college or school which is approved / recognized by the Ministry of Government of India or UGC / Higher Education Department or the Statutory Authority of a State Government.</p> <p>3.2.3 During the period of programme, a minimum compulsory period of 6 months of residential attendance as a research scholar will have to be put in by the candidate in respective constituent college of the University. This period of attendance may be at a stretch or on several occasions including weekends. However they should put in a period of at least 45 days in a year. [Annexure I]</p>	<p>Time only, in the disciplines as notified in AICTE. Supervisor lines.</p> <p><b>4.2 Part Time (Internal) Ph.D Programme</b></p> <p>4.2.1 Part Time (Internal) Candidates: All candidates employed in VMRF (DU) who pursue part time research in this University shall belong to this category. Provision to pursue Part-time Ph.D. programme is available to full time faculty members &amp; staff of the institutions under the ambit of Vinayaka Mission's Research Foundation (Deemed to be University) (VMRF(DU)).</p> <p><b>4.3 Part Time (External) Ph.D Programme:</b></p> <p>4.3.1 Part Time (External) Candidates: All candidates working outside VMRF (DU), in Industrial units, Colleges, Government departments, Research organizations or other Institutions, sponsored for pursuing Ph.D. Programmes in this University while continuing to serve in their respective Institutions/ organizations (which are recognized) as the Research Centers of VMRF (DU) University wherever applicable shall belong to this category. They shall pursue research in their place of employment and /or in this University.</p> <p>Note: During the period of the part time research programme, a minimum compulsory period of 6 months of residential attendance as a research scholar will have to be put in by the candidate in respective constituent college of the University. This period of attendance may be at a stretch or on several occasions including weekends. However they should put in a period of at least 45 days in a year.</p> <p>The Admission in Part Time Ph.D Program from the Non - academic Institutions/ Organization candidates shall be scrutinized case by case based on the requirement of the area of research</p>	
04	<p>4.2 Candidates who have cleared the M.Phil. course work with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) and a person whose M. Phil. Dissertation has been evaluated and the viva –</p>	<p>5.2 Candidates with M.Phil degree, having with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) and a person whose M. Phil. Dissertation has been evaluated and the viva –</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>



	– voce is pending may also be admitted to the Ph. D. programme of the same institution.	voce is pending may also be admitted to the Ph. D. programme.	
05	<p><b>5.1 I Full – Time:</b></p> <p>For all Disciplines except Medicine: Minimum period of 3 years and maximum of 6 Years. (Minimum duration may be reduced by 1 year if the M. Phil Degree relates to the Ph. D. field of Research and candidates are exempted from Pre-Ph. D. Written Examinations.)</p> <p>Medicine: Minimum of 2 years for M. D / M.S. / P. G. / Diploma and Three Years for candidates with M. Sc. (Medical Subjects) and maximum of 4 and 6 years respectively.</p> <p><b>II Part – Time:</b></p> <p>For all Disciplines except Medicine: Minimum period of 4 years and maximum of 8 years. (Minimum duration may be reduced by 1 year if the M. Phil Degree relates to the Ph. D. field of Research and candidates are exempted Pre-Ph. D. Written Examinations.)</p> <p>Medicine: Minimum of 3 years for M. D/ M.S. / P. G./ Diploma and 4 years for candidates with M. Sc. (Medical Subjects) and maximum of 6 and 8 years respectively.</p>	<p><b>6.1 I Full – Time:</b></p> <p>For all Disciplines except Medicine: Minimum period of 3 years and maximum of 6 Years. (Minimum duration may be reduced by 1 year if the M. Phil Degree relates to the Ph. D. field of Research and candidates are exempted for Research Methodology course work if the M.Phil., Degree is related to the proposed Ph.D field of research to the extent recommended by the Doctoral Committee.)</p> <p>Medicine: Minimum of 2 years for M. D / M.S. / P. G. / Diploma and Three Years for candidates with M. Sc. (Medical Subjects) and maximum of 4 and 6 years respectively.</p> <p><b>II Part – Time:</b></p> <p>For all Disciplines except Medicine: Minimum period of 4 years and maximum of 8 years. (Minimum duration may be reduced by 1 year if the M. Phil Degree relates to the Ph. D. field of Research and candidates are exempted for Research Methodology course work if the M.Phil., Degree is related to the proposed Ph.D field of research to the extent recommended by the Doctoral Committee.)</p> <p>Medicine: Minimum of 3 years for M. D/ M.S. / P.G/Diploma and 4 years for candidates with M. Sc.(Medical Subjects) and maximum of 6 and 8 years respectively.</p> <p>6.1.4 If the research scholar fails to submit the thesis within the extended period, the registration shall be cancelled automatically without notice to the candidate/ supervisor.</p> <p><b>6.2 Reregistration</b></p> <p>After the expiry of the maximum period including the extension granted, a candidate will be permitted to Re-register as per the following regulations.</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>



		<p>i). For those candidates who want to re-register under the same supervisor on the same area of research, the earlier Doctoral Committee and the course works completed will hold good.</p> <p>ii). For those candidates who want to re-register with a different supervisor on a different area of research will be subjected to the regulations applicable for the fresh candidates.</p> <p>iii). If the area of research is the same, the new Doctoral Committee will decide whether the earlier course works completed can be considered for exemption or not.</p> <p>6.3.1 At the beginning of the course work candidate is required to submit undertaking as in <b>(Annexure 1)</b></p>	
06	<p><b>7.Admission:</b></p> <p>The university will release advertisement in leading dailies and university websites at appropriate time with the number of vacancies. There shall be normally four sessions for registration in January, April, July, and October subject to vacancies. The application form can be downloaded from university website <a href="http://www.vinayakamission.com">www.vinayakamission.com</a> . The filled in application to be submitted along with prescribed fee and the relevant certificates. The selected candidate shall then submit their provisional registration application through the Research Supervisor and the institution.</p> <p>7.1 Admission shall be made through an Entrance Test / Interview conducted at National Level by the university. However, candidates having regular full time M.Phil. degree or passed UGC – NET (including JRF)/ UGC – CSIR NET (including JRF)/SLET/GATE/teacher fellowship holder or equivalent examinations are exempted from the entrance test, but have to appear for the interview.</p> <p>7.2 An Entrance Test shall be with qualifying marks as 50%. The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% of subject specific. In interview the candidates are required to discuss their research interest/area through</p>	<p><b>8.Admission:</b></p> <p>The university will release advertisement in leading dailies and university websites at appropriate time with the number of vacancies. There Shall be normally 2 sessions in a year for registration in April &amp; October subject to vacancies. The application form can be downloaded from the university website <a href="http://www.vinayakamission.com">www.vinayakamission.com</a>. <b>(Annexure II)</b> The filled-in application to be submitted along with prescribed fee and the relevant certificates.</p> <p>8.1 Admission shall be made through an Entrance Test / Interview conducted at National Level by the university. However, candidates having regular full time M.Phil. degree or passed UGC – NET (including JRF)/ UGC – CSIR NET (including JRF)/SLET/GATE/teacher fellowship holder or equivalent examinations are exempted from the entrance test, but have to appear for the interview.</p> <p>8.2 The candidates desirous of pursuing Ph.D. degree shall submit the application in the prescribed form through proper channel wherever applicable, on or before the deadline mentioned in each session/quarter of the year to the University. The application form (Annexure II) can be downloaded from university website</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>



<p>a presentation before Research Committee, constituted by the Head of the Institution. The interview shall also consider the following aspects, namely whether:</p> <ol style="list-style-type: none"> <li>The candidate possesses the competence for the proposed research.</li> <li>The Research work can be suitably undertaken at the Institution/College.</li> <li>The proposed area of research can contribute to new/additional knowledge.</li> </ol> <p>7.3 The Research Board constituted by the university shall determine the suitability of such candidates and the admission to the appropriate field, after giving due consideration to the performance in the entrance test, relevant inter – disciplinary fields of research, if any, and the faculty in which the candidate shall be registered, keeping in view the Research Supervisor lines/norms in this regard issued by the UGC and other statutory bodies concerned, and taking into account the reservation policy of the Central/State Government from time to time.</p> <p>7.4 The university will maintain the list of all the Ph. D. registered students on its website on year – wise basis. The list shall include the name of the registered candidate, topic of his/ her research, name of his/ her supervisor /co-supervisor, date of enrolment/registration.</p>	<p><a href="http://www.vinayakamission.com">www.vinayakamission.com</a>.</p> <ol style="list-style-type: none"> <li>An Entrance test shall be with qualifying marks as 50% &amp; a relaxation of 5% of marks (from 50% to 45%) shall be allowed for the candidates belonging to SC/ST/OBC (Non-Creamy layers) differently-abled category in the entrance examinations conducted by the University.</li> <li>The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% of subject specific. In interview the candidates are required to discuss their research interest/area through a presentation before Research Committee, constituted by the Head of the Institution. The interview shall also consider the following aspects, namely whether:</li> <li>A Weightage of 70% to the entrance test &amp; 30% to the performance in the interview/Viva Voce shall be given <ol style="list-style-type: none"> <li>The candidate possesses the competence for the proposed research.</li> <li>The research work can be suitably undertaken at the Institution/ College.</li> <li>The proposed area of research can contribute to new/additional knowledge.</li> </ol> </li> </ol> <p>8.3 A Research Board/committee constituted by the university/constituent colleges shall determine the suitability of such candidates and the admission to the appropriate field, after giving due consideration to the performance in the entrance test, relevant inter – disciplinary fields of research, if any, and the faculty in which the candidate shall be registered, keeping in view the Research Supervisor lines/norms in this regard issued by the UGC and other statutory bodies concerned, and taking into account the reservation policy of the Central/State Government from time to time. The respective committee will forward the list of selected candidates along with the applications of all the candidates to the Ph.D Section through the Heads of the Institutions/Dean of the respective faculties.</p> <p>8.4 The Ph. D Section will seek the approval of the Vice-Chancellor for the provisional</p>
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		<p>registration of the selected candidates.</p> <p>8.5 The Candidates whose registration has been approved by the Vice Chancellor shall be provisionally admitted to the Ph.D. Programme by the Controller of Examinations (COE) with intimation to the concerned Heads /Deans of the Institution, HOD, supervisor, the candidate, and the sponsoring institution, if any.</p> <p>8.6 On receipt of the Provisional registration of the candidates, the supervisors of the students shall recommend a panel of Six names for forming the Doctoral Committee(DC) as per the clause 11 below for their respective students and send the same to the respective HOIs through the respective Heads of the Departments. The HOI shall confirm the Doctoral Committee as in clause 10 below, get the approval of the Vice-Chancellor and then communicate the same to the university Ph.D Section for record and to the respective supervisors through the respective Heads of the departments for further action.</p>	
07	<p>8.3 For others, the faculty member should have a Ph.D. degree. The regular Professor should have at least five research publications in referred / indexed journals and any regular Associate / Assistant Professor should have at least two research publications in referred / indexed journals are eligible to be recognized as Research Supervisor.</p>	<p>9.3 For others, the faculty member should have a PH.D degree.</p> <p>i).Any Professor of the University minimum five research publications in indexed journals with SNIP/ IF &gt; 1 in the last 5 years may be recognized as a research supervisor.</p> <p>ii).Associate Professor with a Ph.D. degree with at least 3 publications in indexed journals with SNIP/ IF &gt; 1 in the last 3 years and a minimum of two years of research or teaching experience after acquiring Ph.D.</p> <p>iii). Assistant Professor of the university with a Ph.D. degree and at least two research publications after in indexed journals with SNIP/IF &gt; 1 in the last 3 years.</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>
08	<p>8.8Responsibilities of Supervisor / Co-Supervisor</p> <p>i). The supervisor / co-supervisor should furnish a letter of consent and no objection certificate obtained from the Dean / Head of the Institution of service for officiating as a supervisor / co-supervisor for the Candidate to be registered.</p>	<p>9.8 i). The supervisor / co-supervisor should furnish a letter of consent and no objection certificate obtained from the Dean / Head of the Institution of service for officiating as a supervisor / co-supervisor for the candidate to be registered. <b>(Annexure III a &amp; Annexure III b)</b></p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>
09		<p>10.1 Restriction in intake of PT &amp; FT candidates as per the university direction Time to Time.</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of</p>



			Management approval dt:29.01.2019
10	<p>10.1 There shall be a Doctoral Committee, or an equivalent body for similar purpose as defined in the Statutes/Ordinance of the university, for each Ph.D. scholar. The supervisor shall furnish for every candidate a panel of 5 experts from well versed academia, with doctoral qualifications in the field of proposed research, from the faculty of the university. From these, any two will be recommended as members by the Vice Chancellor. The Research Supervisor of the scholar shall be the convener of this committee. The co- supervisor, if any, will also be a member. The committee shall have the following responsibilities:</p> <p>10.1.1 To review the research proposal and finalize the topic of research.</p> <p>10.1.2 To supervise the research scholar to develop the study design, methodology of research and identify the course(s) that he / she may have to do.</p> <p>10.1.3 To periodically review and assist in the progress of the research work of the research scholar.</p> <p>10.1.4 To review the pre synopsis presentation of the research scholar.</p>	<p><b>11.Doctoral Committee (DC)</b></p> <p>11.1 There shall be a Doctoral Committee, or an equivalent body for similar purpose as defined in the Statutes/Ordinance of the university, for each Ph.D. scholar. The supervisor shall furnish for every candidate a panel of 6 experts from well versed academia, with doctoral qualifications in the field of proposed research, from the faculty of the university. The Following The following members shall "constitute the Doctoral Committee" as approved by the Vice-Chancellor.</p> <p>i. The Guide (Convener)</p> <p>ii. Two External experts selected and approved by the Vice Chancellor of the respective faculty from a panel of six experts recommended by the Guide</p> <ul style="list-style-type: none"> <li>• One External Expert preferably from other than the Institution the candidate Registered but within the VMRF (DU) institutions in the relevant area of research</li> <li>• One External expert from outside VMRF (DU) institutions (preferably within 500kms radius of the Institution)</li> </ul> <p>iii. The Co-guide, if any.</p> <p>The Doctoral committee shall have the following responsibilities:</p> <ul style="list-style-type: none"> <li>• To review the research proposal and finalize the topic of research.</li> <li>• To guide the research scholar in respect of the proposed research work and to identify the course(s) that he / she may have to do.</li> <li>• To periodically review and assist in the progress of the research work of the research scholar.</li> <li>• To review the pre synopsis presentation of the research scholar.</li> <li>• To Act as a Academic Integrity Panel for Plagiarism.</li> </ul> <p>In case the progress of the research scholar is unsatisfactory, the Doctoral Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>



	<p>10.2 A research scholar shall appear before the Doctoral Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports &amp; course work completion certificate shall be submitted in the prescribed format (Annexure I &amp; III) by the Research Supervisor to the university with a copy to the research scholar.</p>	<p>to implement these corrective measures, the Doctoral Committee may recommend to the Institution/College with specific reasons for cancellation of the registration of the research scholar. Institutional ethical committee clearance is to be obtained in case of research in Medicine/ Dentistry/Nursing and Pharmacy area, wherever applicable.</p> <p>Except the first and pre-synopsis doctoral committee meeting the other progress meetings may be conducted through Skype/video conferencing if a DC member is not able to attend the meeting.</p> <p>11.2 A research scholar shall appear before the Doctoral Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The committee with external expert shall meet during the 1st Doctoral committee meeting for course work, title selection and during the pre-synopsis presentation. The 1st Doctoral Committee shall be convened and the committee shall recommend the proposed title and the course work to the university as per the <b>(Annexure IVa)</b> The other half yearly DC meetings the external expert may be invited through SKYPE or by any other electronic means.</p> <p>A research scholar shall appear before the Doctoral Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The research scholars must submit their six monthly progress reports <b>(Annexure IVb)</b> through the research supervisors with the doctoral committee comments to the Ph.D Section (Deputy Director Research)</p>	
11	<p><b>11.1 Course Work</b></p> <p>11.1. The Doctoral Committee of a research scholar shall prescribe course work, Every research candidate shall take a course on,</p> <ol style="list-style-type: none"> <li>1. Research Methodology, which is common for all research candidates - paper I.</li> <li>2. Area of Research paper related to Ph. D. work. – Paper II.</li> <li>3. Subject of specialization. - Paper III.</li> </ol>	<p><b>12.1 Course Work &amp; Assessment</b></p> <p>12.1.1 For Engineering and Technology /Architecture</p> <ol style="list-style-type: none"> <li>i. The research scholars should successfully complete a minimum of three courses (minimum of 09 credits) prescribed by the Doctoral Committee</li> <li>ii The courses shall be (i) Research methodology</li> </ol>	<p>Vide: 55th Academic Council dt: 08.02.2019 73rd Board of Management approval dt: 29.01.2019</p>



<p>Each course work shall have 4 credits.</p> <p>11.1.2 The prescribed course work of paper I &amp; II shall normally be completed within one year from the date of provisional registration and paper III shall be completed within 2 years from the date of provisional registration.</p> <p>11.1.3 All the above course works of the scholar are to be undertaken as per the academic norms and shall be evaluated as per the norms of the university.</p> <p>11.1.4 No change in the prescribed course work shall be made without the approval of the Doctoral Committee and the university.</p> <p>11.1.5 Candidates with regular full time M.Phil. Degree may be exempted partly from the prescribed course work, if the M.Phil. Degree is related to the proposed Ph.D. field of research to the extent recommended by the Doctoral Committee.</p> <p>11.1.6 e research scholar shall submit the prescribed application [Annexure IV] &amp; fee for attending the final examination. The final examination for the course work is centralized and conducted by the Controller of Examinations along with the end semester examinations of other programmes. A research scholar has to obtain a minimum of 55% marks in the course work in order to continue the research work.</p> <p>11.1.7 If the candidate fails to get the minimum of 55% marks, then a grace period of maximum of six months shall be given at the end of which the research scholar shall be re-examined. Then, if found fit, the research scholar shall be permitted to proceed with the doctoral work. Otherwise, the research scholar's provisional registration shall be cancelled.</p>	<p>for the subject. (ii) A back- ground subject related to his/her Ph.D. research (iii) An advanced subject in the area of research</p> <p>iii. The course work shall be completed within a period of the first two semesters.</p> <p>12.1.2 For Science and Humanities</p> <p>i. All candidates shall complete three courses (minimum of 9 credits) prescribed by the Doctoral Committee.</p> <p>ii The courses shall be (i) Research methodology for the subject. (ii) A back- ground subject related to his/her Ph.D. research (iii) An advanced subject in the area of research</p> <p>iii. The course work shall be completed within a period of the first two semesters.</p> <p>12.1.3 For Medical and Health Sciences:</p> <p>i. All candidates shall complete three courses (minimum of 9 credits) prescribed by the Doctoral Committee.</p> <p>ii The courses shall be (i) Research methodology for the subject. (ii) A back- ground subject related to his/her Ph.D. research (iii) An advanced subject in the area of research</p> <p>iii. The course work shall be completed within a period of the first two semesters.</p> <p>12.1.4: Candidates already holding M.Phil Degree &amp; admitted to the Ph.D Programme or those who have already completed the course work in M.Phil &amp; have been permitted to proceed to the Ph.D May be exempted for the Research Methodology course work of the M.Phil degree is related to the proposed Ph.D field of research to the extent recommended by the Doctoral Committee.</p> <p>12.1.5: The research scholar shall submit the prescribed application (<b>Annexure Va</b>) and course work completion certificate [<b>Annexure Vb</b>] &amp; fee for attending the final examination. The final examination for the course work is centralized and conducted by the Controller of Examinations along with the end semester examinations of other</p>
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programmes. A research scholar has to obtain a minimum of 55% marks in the course work in order to continue the research work.

12.1.6. If the candidate fails to get the minimum of 55% marks, then a grace period of maximum of six months shall be given at the end of which the research scholar shall be re-examined. Then, if found fit, DC committee shall submit the minutes of the DC meeting for the course completion **(Annexure Vc)** the research scholar shall be permitted to proceed with the doctoral work. Otherwise, the research scholar's provisional registration shall be cancelled.

#### 12.2. Directed Course:

The directed course is done under the guidance of the Supervisor. For the internal evaluation there should be the following two components.

- i. 5 Seminars - 15 Marks
- ii. 3 Tests - 15 Marks

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Total - 30 Marks  
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The syllabus for the directed course is assigned to the above components in such a way that the entire syllabus is covered. The schedule for the course may be prepared by the Supervisor who teaches the course in the format given below and may be submitted to the Controller of Examination well in advance.

#### 12.3. Course Code & Title : Name of the Supervisor : Department :

S.No.	Component	Syllabus	Date
1	Seminar - 1	From unit 1	
2	Seminar - 2	From unit 2	
3	Seminar - 3	From unit 3	



4	Seminar - 4	From unit 4	
5	Seminar - 5	From unit 5	
6	Test – 1	Covering Units - 1 & 2	
7	Test – 2	Covering Units – 3 & 4	
8	Test – 3	Covering all theUnits	

For each of the courses, the maximum internal mark awarded is 30 marks. All the candidates have to appear for an external (Semester) examination in each subject conducted by the Controller of examinations for 70 marks. The passing minimum is 35 marks in the semester examination. The overall passing minimum is 55 marks.

Letter Grades and Grade Points (GP):

Based on the performance in each subject, the student is awarded a final letter grade. The letter grades and the corresponding grade points are as follows.

Letter Grade	Grade Points	Range of Marks
O (Outstanding)	10	95-100
A+ (Excellent)	9	90-94
A (Very Good)	8	85-89
B+ (Good)	7	75-84
B (Above Average)	6	65-74
C (Average)	5	55-64
F (Fail)	0	<55 Failure due to insufficient marks in the course
Ab (Absent)	0	Failure due to nonappearance



			in the examination	
		<p>Ph.D. scholar has to obtain a minimum of 55% of marks or its equivalent grade in the UGC 7-point scale (or an equivalent grade/CGPA in a point scale wherever grading system is followed) in the course work in order to be eligible to continue in the programme and submit the thesis. A scholar who gets less than C grade in a course work, he/she has to redo that course.</p> <p><b>12.4 Comprehensive Examination</b></p> <p>(i) A research scholar shall take a comprehensive examination after the completion of two semesters of his/her research programme but before the completion of four semesters. The comprehensive examination is mandatory.</p> <p>(ii) The comprehensive examination shall be in the form of written and oral as recommended by the Doctoral Committee.</p> <p>(iii) Comprehensive examination shall be conducted by a panel of examiners which consists of the members of the Doctoral Committee along with one external examiner as recommended by the supervisors and forwarded through proper channel and approved by the Vice Chancellor.</p> <p>(iv) The Supervisor shall intimate the research scholar sufficiently in advance, the scope of the examination and other relevant details.</p> <p>(v) If the performance of the research scholar in the comprehensive examination is satisfactory, his/her provisional registration shall be confirmed. If the performance is unsatisfactory, he/she shall be given one more opportunity to appear for the examination within six months of the first examination. In case, the research scholar fails to successfully complete the comprehensive examination within the</p>		



		<p>prescribed time limit, his/her provisional registration shall be cancelled by the University.</p> <p><b>12.5. Monitoring the Progress of Candidates</b></p> <p>i). A research scholar shall appear/report before the Doctoral Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports shall be submitted by the Doctoral Committee to the Director (Research) with a copy to the research scholar. The Doctoral Committee meeting may be conducted through Skype/video conferencing if a DC member is not able to attend the meeting.</p> <p>ii). In case, the progress of the research scholar is unsatisfactory, the Doctoral Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Doctoral Committee may recommend to the respective HOIs with specific reasons for cancellation of the registration of the research scholar.</p> <p><b>12.6 Cancellation of Registration</b></p> <p>i). The registration of a research scholar whose progress is not satisfactory or who has not reported in person to the supervisor for any one semester is liable to be cancelled by the University.</p> <p>ii). The registration of a research scholar who has not submitted his/her thesis by the end of the prescribed /extended period as provided in the Regulations will be cancelled by the University.</p>	
12	12. Research Scholars are permitted to seek change of title prior to the submission of the synopsis. All such	<b>13. Change of Title:</b> Research Scholars are permitted to seek change of title prior to the submission of the synopsis. All such changes	Vide:55th Academic Council dt:08.02.2019 73rd



	changes should have been approved by the Research Board or by the Doctoral Committee and the minutes of the meeting of the committee shall be produced to the Controller of Examinations, for approval. Under no circumstances, a request for change in title be entitled once the synopsis is submitted.	should have been approved by the Research Board or by the Doctoral Committee and the minutes of the meeting of the committee shall be produced to the Ph.d Section (Deputy Director Research) for approval. Under no circumstances, a request for change in title be entitled once the synopsis is submitted.	Board of Management approval dt:29.01.2019
13	<p><b>13. Submission of Synopsis</b></p> <p>13.1 On completion of the minimum period of research work, not less than three months before the submission of the thesis, every candidate shall submit, a copy of synopsis along with the application (Annexure V) and the prescribed fee to the university through the Research Supervisor.</p> <p>13.2 The synopsis shall be accepted only when the research scholar has passed the course work exams and must have publication of at least one original research paper from the research work carried out by the scholar in referred journal and two paper presentations in conferences/seminars and evidence to be produced for the same in the form of presentation certificate and /or reprints.</p> <p>13.3 Prior to the submission of synopsis, the scholar shall make a pre- presentation in the department before the Doctoral Committee of the institution concerned which shall also be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft synopsis in consultation with the Research Supervisor.</p> <p>13.4 The synopsis shall not exceed 20 typewritten or printed pages (one side only of A4 size – 1 1/2 line spacing using a font size of 12 with Times New Roman font.). The synopsis (wrapper) may contain the details as shown in the format prescribed by the university (Annexure VI a). Thesis submission is to be done after clearance of the synopsis by the Doctoral Committee and permitted by the Vice – Chancellor.</p>	<p><b>14 Submission of Synopsis</b></p> <p>14.1 On completion of the minimum period of research work, not less than three months before the submission of the thesis, every candidate shall submit, a copy of synopsis along with the application (Annexure VIa) Manual preparation for synopsis (Annexure VIb) checklist for synopsis (Annexure VIc) and the prescribed fee to the university through the Research Supervisor.</p> <p>14.2 The synopsis shall be accepted only when the research scholar has passed the course work exams and must have publication of at least one original research paper from the research work carried out by the scholar in referred/indexed journal and two paper presentations in conferences/seminars and evidence to be produced for the same in the form of presentation certificate and /or reprints.</p> <p>14.3 Prior to the submission of synopsis, the scholar shall make a pre- presentation in the department before the Doctoral Committee of the institution concerned which shall also be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft synopsis in consultation with the Research Supervisor.(Annexure VI d)</p> <p>14.4 The synopsis shall not exceed 20 typewritten or printed pages (one side only of A4 size – 1 1/2 line spacing using a font size of 12 with Times New Roman font.).(Annexure VI e)</p> <p>(The synopsis (wrapper) may contain the details as shown in the format prescribed by the university (Annexure VIII). Thesis submission is to be done after clearance of the synopsis by</p>	Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019



	<p>13.5 The Research Supervisor on approval of the research work reported in the synopsis, shall forward three hard copies and one soft copy of the approved synopsis to the Controller of Examinations along with a panel of at least five examiners from India, and five from abroad.</p>	<p>the Doctoral Committee and permitted by the Vice – Chancellor.</p> <p>14.5 The Research Supervisor on approval of the research work reported in the synopsis, shall forward three hard copies and one soft copy of the approved synopsis to the Controller of Examinations along with a panel of at least five examiners from India, and five from abroad.(Annexure VI f)</p>	
14	<p><b>14. Submission of Thesis</b></p> <p>14.1 The thesis shall report, in an organized and scholarly fashion, an account of original research work of the research scholar leading to the discovery of new facts or techniques or correlation of facts already known (analytical, experimental, hardware oriented etc) and demonstrating a quality as to make a definite contribution to the advancement of knowledge of mankind and the research scholar's ability to undertake sustained research and present the findings in an appropriate manner with actual accomplishments of the work plainly stated and honestly appraised</p> <p>14.2 Five hard copies and one soft copy of thesis shall be prepared in accordance with the format and specifications prescribed. Thesis shall be submitted not earlier than three months and not later than six months, from the approval of the synopsis by the Doctoral Committee to the university along with application (Annexure IX a), no dues Certificate (Annexure IX b) and prescribed fee.</p> <p>14.3 The thesis shall be prepared strictly following the formats and specifications prescribed. The title page (Annexure VI a), declaration of candidate (Annexure VII ), certificate by the supervisor (Annexure VIII), quality, size, numbering and titles of diagrams, tables and photographs, if any, list of references, numbering of pages and size of the margins etc shall be as per formats approved by the university. The running matter shall be typed or printed on one side</p>	<p><b>15. Submission of Thesis</b></p> <p>15.1 The thesis shall report, in an organized and scholarly fashion, an account of original research work of the research scholar leading to the discovery of new facts or techniques or correlation of facts already known (analytical, experimental, hardware oriented etc) and demonstrating a quality as to make a definite contribution to the advancement of knowledge of mankind and the research scholar's ability to undertake sustained research and present the findings in an appropriate manner with actual accomplishments of the work plainly stated and honestly appraised</p> <p>15.2 The student should submit the copies of the thesis in fully bound form (3 - Spiral Binding) for Ph.D. at the time of submission for evaluation. Once the thesis is accepted, it is the student's responsibility to get it properly bound before and depositing 4 copies (1. University copy 2. Institution/Library copy 3. Research Supervisor copy 4. Research Scholar copy) at the time of Viva Voce Examination. The front cover of the bound copy should be the same as the title page of the thesis. The front cover should have printing on the side to include the author's name, abbreviated thesis title (optional), degree, department, and the year. Thesis shall be submitted not earlier than three months and not later than six months, from the approval of the synopsis by the Doctoral Committee to the university along with application (Annexure VII a) &amp; Guidelines for Thesis (Annexure VII b) Check list (Annexure VII c) no dues Certificate (Annexure VII d) along with prescribed fee.</p> <p>15.3 The thesis shall be prepared strictly following the formats and specifications</p>	<p>Vide:55th Academic Council dt:08.02.2019 73rd Board of Management approval dt:29.01.2019</p>



	<p>only on A4 size white paper with 1½ line spacing, using font size 12 with Times New Roman font. The wrapper of the thesis may contain details as shown in the format prescribed by the university (Annexure VI b)</p> <p>14.4 The research scholar shall verify his/her Ph. D. thesis, by using the website PLAGIARISM DETECTOR.COM – an anti plagiarism service and produce certificate regarding anti – plagiarism, to ensure the originality of their documents, at the time of submission of thesis. Thesis content must be plagiarism free with the minimum 90% of unique database/content.</p> <p>14.5 No candidate shall ordinarily be permitted to submit his/her thesis after a period of six years in the case of full –time research scholars and eight years in the case of part time research scholars; provided that the university may for valid reasons and on the recommendations of his supervisor, grant extension of time for not more than one year in all, to the candidate. A candidate, who is not able to submit his/ her thesis even after the grant of extension of one year, shall have his/ her registration cancelled.</p>	<p>prescribed. The title page ((Annexure VII e), declaration of candidate (Annexure X1 ), certificate by the supervisor (Annexure X), quality, size, numbering and titles of diagrams, tables and photographs, if any, list of references, numbering of pages and size of the margins etc shall be as per formats approved by the university. The running matter shall be typed or printed on one side only on A4 size white paper with 1½ line spacing, using font size 12 with Times New Roman font. The wrapper of the thesis may contain details as shown in the format prescribed by the university (Annexure VIII)</p> <p>15.4 The Research Scholar Shall Adhere the University VMRF(DU) Academic Integrity and Prevention of Plagiarism Regulations, 2019 in line with UGC Regulations dt.23.07.2019</p> <p>15.5 No candidate shall ordinarily be permitted to submit his/her thesis after maximum period mentioned in clause 6. Provided that the university may for valid reasons and on the recommendations of his supervisor, grant extension of time for not more than one year in all, to the candidate. A candidate, who is not able to submit his/ her thesis even after the grant of extension of one year, shall have his/ her registration cancelled.</p>	
15	<p>15.2 For the abetment of the act of plagiarism, the recognition of the concerned supervisor shall be withdrawn for a period of 5 years and he / she shall be debarred from guiding research scholars for any research programme in this university during that period.</p>	<p>16.2 Penalty in the case of Plagiarism shall be imposed as per the VMRF(DU) Academic Integrity and Prevention of plagiarism regulations, 2019 in line with UGC Regulations dt.23.07.2019</p>	<p>Vide: 55th Academic Council dt: 08.02.2019 73rd Board of Management approval dt: 29.01.2019</p>

