

# MAHARISHI MARKANDESHWAR UNIVERSITY

**KUMARHATTI-SOLAN (HP) 173-229**

(Established under H.P. Govt. Act. No. 22 of 2010 and approved by the UGC under Section 22 of the UGC Act, 1956)



**PROSPECTUS-CUM-APPLICATION FORM  
FOR ADMISSION TO  
Ph.D. Programme  
(2021-22)**

**MAHARISHI MARKANDESHWAR UNIVERSITY  
KUMARHATTI-SOLAN (H.P.) 173-229**

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## INTRODUCTION

### THE SPONSORING TRUST

The Maharishi Markandeshwar University, Kumarhatti-Solan was established in 2010 under the aegis of the Maharishi Markandeshwar University Trust (erstwhile reputed MM Education Trust, Ambala) which was founded by its founder President, a distinguished public figure and promoter of education Shri Tarsem Kumar Garg in November 1993 with the objectives of reconstruction of society through education.

The trust moved fast and in a short span of twenty six years, it established a number of institutions. Beginning with the establishment of the MM Engineering College in 1995 in the **'tapobhomi' of Maharishi Markandeshwar in the river bed of sacred 'Markanda', at village Mullana-Ambala**, it developed into a vast township of **high profile professional institutions of UG/PG Courses of Medical Sciences, Dental Sciences, Physiotherapy, Pharmacy, Nursing, Engineering & Technology, Business Management, Computer Science, Hotel Management & Catering Technology, GNM and an International School**. In recognition of the progress achieved, in June 2007 the Ministry of Human Resource Development, Govt. of India conferred the Deemed to be University status on ten of its select institutions in the name and style of the **Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala under Section 3 of the UGC Act, 1956**. Recently Super Specialty courses of DM in Medical Gastroenterology, Cardiology, M.Ch. Urology, Neurosurgery have also been introduced into medical College w.e.f. the session 2017-18. The Trust has the pride privilege of establishing the **first self-financing Engineering College**, first self-financing **Medical College**, and the first self-financing **Deemed University** in the region at Mullana in the State of Haryana. **Another University** created under the provision of the Haryana Private Universities Act, 2006 with the name of **Maharishi Markandeshwar University** has been made functional on **Delhi-Ambala-Chandigarh National Highway No.1** in the **suburb of Ambala towards Chandigarh** at village **Sadipur-Ambala** where to begin with prime courses in the fields of Architecture, Pharmacy, Agriculture apart from courses in other streams including research degree programmes of Ph.D. have been introduced. In addition, it has also established two other International Schools at Sadipur-Ambala and at Rambha-Karnal.

### M.M. UNIVERSITY, SOLAN

As a part of its expansion programme, the Trust also established another Maharishi Markandeshwar University in the lap of **'Devbhoomi'** of great Himalayas at Kumarhatti-Solan in Himachal Pradesh in 2010 which was legislated by the Himachal Pradesh Govt. under the provision of the Himachal Pradesh Private Universities (Establishment and Regulation) Act, 2006, by its Act No. 22 of 2010. Initially the University had started the courses of **B.Tech; M.Tech; MBA; BBA; MCA; M.Sc. Chemistry in 2010-11** with the addition of the other courses. The University has also been recognized by the **UGC** to **award degrees** under **Section 22** of the **UGC Act, 1956**. The main focus of the University at Solan has been for the courses of Health Sciences with the introduction of the **MBBS** Course of Medical Sciences w.e.f. **2013-14** followed by other UG and PG courses in Medical, Nursing and Physiotherapy streams.

## **M.M. MEDICAL COLLEGE & HOSPITAL, KUMARHATTI-SOLAN**

After the issue of the essentiality certificate for the setting up of the Medical College under the proposed Private University by the State Govt. on **28.8.2008**, the sponsoring body with the sanction of 150 seats of **MBBS** by the **MCI/Govt. of India**, established the Medical College in the name of the **MM Medical College & Hospital, Kumarhatti-Solan** in **2013-14** as a **constituent Institute** of the **Maharishi Markandeshwar University, Solan** which happens to be the first Medical College in private sector in the State. The Super-Specialty MM Hospital, Kumarhatti-Solan which had become functional with 300 beds a couple of years prior to the starting of the Medical College, now has 720 beds. The College is well equipped with state-of-the-art **infrastructure** and **latest ultra-modern equipment** is the first Self-financing Medical College of the State with 150 seats which is the maximum number of seats of **MBBS** in any Medical College in the State. This College is likely to prove a landmark in the growth and development of the State in general and in rendering medical care facilities and health science education in the State in particular. In year 2018, the College has also been sanctioned **PGcourses** of **MD/MS** in all post graduate non-clinical subjects **Anatomy, Pharmacology, Microbiology, Physiology, Pathology, Community Medicine, Bio-chemistry and Forensic Medicine** by the Medical Council of India/Govt. of India and in year 2019, M.M. Medical College & Hospital, Solan has with the approval of Government of India & Medical Council of India started **MD/MS** courses in all post graduate clinical subjects like **General Medicine, Respiratory Medicine, Paediatrics, Anaesthesiology, Surgery, OBG, EYE, ENT, Psychiatry, Radiology, Skin and Orthopedics**.

MM Medical College & Hospital, Solan has started **Ph.D. Courses** in the fields of **Medical Anatomy, Medical Biochemistry, Medical Microbiology, Medical Pharmacology, and Medical Physiology** from the **Session 2020-21**. Admission to the **Ph.D.** programme will be made on the basis of merit of the all India Entrance Test to be conducted by the University followed by interview.

The Medical College is offering the **M.Sc. Courses** in the fields of **Medical Anatomy, Medical Physiology, Medical Biochemistry, Medical Microbiology and Medical Pharmacology**. Admissions to these courses are made on the basis of successful completion of the Qualifying Examination (**B.Sc./MBBS/BDS etc.**) on the basis of merit only.

Besides **MBBS, MD/MS and M.Sc. Courses**, the Medical College also offers **B.Sc. Courses** in the fields of **Medical Radiology and Imaging Technology, Medical Laboratory Technology (MLT), Operation Theater Techniques (OTT), Optometry, Dialysis Technology, Medical Biochemistry, Medical Microbiology and Diploma Courses in the fields of Operation Theater Techniques (OTT), Radiography Techniques, Medical Laboratory Technology (DMLT), Ophthalmic Techniques (Optometric), Renal Dialysis**. Admissions to these courses, are on the basis of merit of the Qualifying Examination of 10+2 with Medical Stream.

## **IMPORTANT INSTRUCTIONS**

(for candidates applying for Admission to the Ph.D. (Doctor of Philosophy) Programme)

**September, 2021**

- Ph.D. Programme is available in the following disciplines with No. of seats as indicated against each:

<b>S. No.</b>	<b>Name of Discipline</b>	<b>No. of Seats</b>
<b>MEDICAL STREAM</b>		
1	Anatomy	05
2	Biochemistry	05
3	Microbiology	05
4	Physiology	05
5	Pharmacology	05
6	Forensic Sciences	05
7	Community Medicine	05
8	Pathology	05

- The candidates before filling up the application Form should satisfy themselves that they fulfill the eligibility conditions as per provisions of the Ordinance of the respective Ph.D. Programme annexed with this Brochure.
- The selection of the candidates for Admission to the Ph.D. programme will be made on the basis of merit of the Entrance Test to be conducted by the Maharishi Markandeshwar University followed by interview by the respective Departmental Research Committee.
- The Entrance Test shall have to be qualified by obtaining at least 50% (45% in case of SC/ST/Physical handicapped) qualifying marks. The syllabus of the Entrance Test shall consist of Research Methodology and in the subject concerned at PG level in Indian Universities.

### **PATERN OF ADMISSION TEST AND INTERVIEW IN THE FACULTY OF MEDICAL SCIENCES**

<b>ADMISSION TEST: Duration</b>	<b>: 02 Hours</b>
• <b>Maximum Marks</b>	<b>: 70</b>
<b>Part – I Research Methodology (Common for all)</b>	<b>: 35 Marks</b>
▪ 35 Objective Type structured questions	
▪ carrying 01 mark each	
<b>Part – II Subject concerned :</b>	<b>: 35 Marks</b>
▪ 35 Objective type structured questions	
Carrying 01 mark each	
<b>INTERVIEW</b>	<b>: 30 Marks</b>

- Ph.D. entrance test will be conducted in online mode with multiple choice questions in nature.
- To appear in the examination, applicants will have to login in [erp.mmusolan.org](http://erp.mmusolan.org) [Username: Mobile of the applicant/ Password: date of Birth of applicant (01<sup>st</sup> January 1981 is to be entered as 01011981) 15 minutes before the commencement of the entrance test. They are, however, advised to login in advance to become familiar with the portal.
- On the day of examination, after login in the portal [erp.mmusolan.org](http://erp.mmusolan.org) the link of the entrance test will appear on the portal, sharp at the scheduled time of test. To find the link, students are required to refresh the page at the scheduled time.
- Applicant's response for each question is being auto saved and no separate submit button is required, responses will be saved automatically at the end of test.
- After selection and deposit of fee, the candidates will have to undergo a Course Work of one Semester and will have to attain 75% attendance to become eligible to appear in the examination of course work. They will have to become eligible to appear in the examination of course work. They will have to qualify the same securing at least 55% marks. After getting their topics of research and synopses approved, all the Research Students can proceed further with their research work as per provision of the respective ordinance.
- The filled in Application Form along with the attested copies of testimonials which make the candidate eligible for admission to the Ph.D. (Doctor of Philosophy) programme must reach the office of Registrar, M.M. University, Kumarhatti-Solan, 173229, on or before the last date as mentioned in the Admission Notice.
- The following documents will have to be submitted by the candidates along with their Applications:

**(A)** Attested copies of the :

- Matriculation Pass Certificate or n equivalent Examination Certificate issued by the Board/University for **date of birth**.
- **Senior Secondary** Pass Certificate (+2).
- **Detailed Mark Cards (DMCs)** of the **Graduation** Degree.
- **DMCs** of Examinations of all the Parts of the **Master's Degree/Qualifying examination** in the relevant discipline.
- **Character Certificate** reporting on the inter-personal/social behavioral pattern of the applicant issued by the Institution last attended by the candidate.
- **Experience Certificate** indicating the Position held, Period of Service, name of the Organization, etc., wherever applicable.
- **No Objection Certificate** from the Employer must be submitted at the time of Entrance Test/Interview, if not submitted along with the Application Form.
- Passport/Student Visa in case of NRI/Foreign candidates.

**(B)** (i) Two passport size Photographs, duly attested, one of which to be affixed on the Application Form

- Migration Certificate in case the last Examination has been passed by the candidate from any other University. If not readily available, it can be submitted within 15 days from the date of deposit of admission dues.

- Undertaking against Ragging (to be submitted through on-line at the time of depositing the admission dues). The UGC has launched website for filling up the undertaking on-line [www.antiragging.in](http://www.antiragging.in) or asking for the details on [helline@antiragging.in](mailto:helline@antiragging.in).

**Note:** The candidates will have to produce the Original documents at the time of depositing the admission dues.

- All those in service should obtain permission from their respective Department and should attach it with their Application Forms.
- The candidates, who have passed the qualifying examinations from any Foreign University will have to submit Equivalence Certificate from **Association of Indian Universities(AIU)**, New Delhi and will be considered on fulfillment of the requirements as per relevant provisions of the respective ordinance.

### **RATES OF FEES**

The candidates selected for admission to the Ph.D. Programme shall pay the Admission and other fee as prescribed by the University from time to time.

S. No.	Details	Fee
1.	Tuition Fee (Per Annum including other annual charges)	80,000/-

#### **Notes:**

- I. Tuition Fee is to be paid every year in advance. No separate intimation will be sent to the research students for depositing the annual tuition fee.
- II. 'Year' to be counted from the date of Admission in each case.
- III. Tuition Fee for the first year is payable **at the time of Admission**.
  - In subsequent years, Annual Fees can be remitted late upto 30 days with a late fee of Rs 2500/-.
  - In case Tuition Fee is not paid within the prescribed period as above, registration will stand cancelled without any further notice.
  - Hostel fee will be paid by hostel residents only.

**IMPORTANT: For further details please refer to the relevant Ordinance annexed with this brochure.**

**\*ORDINANCE – DOCTORATE OF PHILOSOPHY (Ph.D.) PROGRAMME  
(FOR FACULTIES OF MEDICAL SCIENCES)  
(W.e.f the session 2020-21)**

**1. INTRODUCTION**

Based on UGC Regulations of 2016, this Ordinance is applicable to the research programme leading to the award of Degree of Doctor of Philosophy (Ph.D.) which may be undertaken in the Faculties of Medical Sciences, Dental, and Nursing of this University, fulfilling the academic, administrative and infrastructure requirements as specified by the UGC.

The research programme leading to the award of Degree of Philosophy (Ph.D.) may be undertaken in various departments of Maharishi Markandeshwar Medical College & Hospital, the constituent Institute/College of the Maharishi Markandeshwar University, Kumharhatti-Solan.

No research programme for the award of Ph.D. degree shall, however, be undertaken through distance education mode.

**2. ACADEMIC CONTROL**

Subject to the general control of the Academic Council, research studies for Ph.D. programme shall be organized by the Board of Studies assisted by the Departmental Research Committee (DRC)/Research Advisory Committee (RAC) in the concerned Faculty.

**3. ELIGIBILITY CRITERIA**

3.1 A candidate for admission to the Ph.D. programme in the streams of Medical Sciences, Dental Sciences, Nursing must have obtained any of the following academic qualifications in the relevant discipline of research:-

**A. For Faculty of Medical Sciences:**

3.1.1 A candidate who has passed MD/MS/PG Diploma/M.Sc. (Medical) in various subjects with at least 55% marks or equivalent grade 'B' in the UGC 7-point scale (or equivalent grade/CGPA in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of education institutions.

3.1 A relaxation of 5% of marks, from 55% to 50% marks may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/ differently-abled categories of candidates without including the grace marks procedures as per the decision of the Commission from time to time.

3.2 The candidates, who passed the qualifying examinations from any foreign University, will have to submit equivalence certificates from the Association of Indian Universities (AIU), New Delhi.

#### **4. DURATION OF THE PROGRAMME**

- 4.1 Ph.D. programme shall be for a minimum duration of three years, including course work and a maximum of 6 years. However candidate is to do research work for a minimum duration of two years after the approval of synopsis by the Research Advisory Committee.
- 4.2 The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years for Ph.D. in the maximum duration. In addition, the women candidates may be provided Maternity leave/Child Care Leave once in the entire duration of Ph.D. for upto 240 days.

#### **5. PROCEDURE FOR ADMISSION**

- 5.1 The University shall admit Ph.D. students on the basis of an Entrance Test conducted at the level of the University. The candidates who have been awarded Teacher fellowship by the UGC or any other Regulating Councils for carrying on research leading to the Ph.D. Programme shall be exempted from appearing in the Entrance Test.
- 5.2 Every year the concerned Faculty of the University shall decide through their academic bodies (Departmental Research Committee) a predetermined and manageable number of Ph.D. scholars to be admitted depending on the number of available research Supervisors; required infrastructure; research promotion facilities; research labs, library and availability of such other academic and physical facilities keeping in mind the norms regarding the scholar-teacher ratio as referred to in Clause 7.5 hereunder.
- 5.3 The University shall notify well in advance on the institutional website and through advertisement in at least two national newspapers, of which at least one shall be in the regional language, the number of seats for admission, examination center(s) where entrance test(s) shall be conducted and all other relevant details for information of the candidates seeking admissions.
- 5.4 The admission shall be made on the basis of the selection criteria notified by the University keeping in view the guidelines/norms in this regards issued by the UGC and other statutory bodies concerned such as Medical Council of India, Indian Nursing Council and Dental Council of India etc. and taking into account the reservation policy of the Govt. from time to time as applicable in the case of the Self Financing Institutions.
- 5.5 In pursuance of the Admission Notice got published by the University, the candidates shall apply for enrollment as research scholars for Ph.D. Programmes in the University on the prescribed Performa which can be obtained from the Maharishi Markandeshwar University, Kumarhatti-Solan. The applications so received shall be submitted to the concerned faculty where the same will be scrutinized and then placed before the Departmental Research Committee (DRC) of the departmental concerned.
- The Departmental Research committee (DRC) headed by the Head of the Department under the concerned faculty shall consist of the following:
- (1) All the Professors of the concerned department.
  - (2) One Associate Professor/Reader of the concerned department possessing preferably the research degree of Ph.D. to be associated on seniority by rotation on year to year basis.

(3) One Assistant Professor/Lecturer of the concerned department possessing preferably the research degree of Ph.D. to be associated on seniority by rotation on year to year basis.

Provided that upto two experts in the allied area from allied departments of the university may, if need, be associated in the Departmental Research Committee (DRC) pertaining to concerned subject.

5.6 The University shall admit candidates by a two stages through:

5.6.1 An Entrance Test shall be of qualifying marks as 50%. The syllabi of the Entrance Test shall consist of 50% marks of research methodology and 50% marks shall be pertaining to the subject concerned. Provided that 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 examination conducted by this University

5.6.2 The Entrance test shall be followed by interview/viva-voce to be organized by the concerned Faculty when the candidates are required to discuss their research interest/area through a presentation before a duly constituted Departmental Research Committee (DRC). Provided that for selection of candidates, a weightage of 70% to the entrance test and 30% to the performance in the interview/viva-voce shall be given.

5.6.3 The interview/viva shall also consider the aspects viz. whether the candidate possesses the competence for the proposed research; if the proposed research work can be suitably undertaken at the faculty concerned and if the proposed area of research can contribute to new/additional knowledge.

5.6.4 The merit of the candidates exempted from appearing in the Entrance test shall be determined on the basis of their academic merit followed by interview/viva-voce alongwith other candidates.

5.6.5 The candidates who have been sanctioned teacher Fellowship by the UGC or any other Regulating Body shall be admitted on the basis of interview/viva-voce subject to availability of seat in the Faculty concerned.

5.7 The list of all registered students of Ph.D. shall be maintained/uploaded on University website on year-wise basis. The list shall include the names of the registered candidates, topics of their research, names of their supervisors/co-supervisors, date of enrollment/registrations, etc.

5.8 The recommendations with regard to the suitability of the research scholars made by the Departmental research Committee (DRC) approved by the Vice-Chancellor shall be final.

5.9 The selected candidates will have to deposit the admission dues as prescribed by the University from time to time and will be enrolled as a research scholar with effect from the date he/she deposits the fee.

## **6. COURSE WORK**

6.1 The credit assigned to the Ph.D. course work shall be a minimum of 08 credits and a maximum of 16 credits.

6.2 The course work shall be treated as pre-requisite work for Ph.D. research work. A minimum of four credits shall be assigned to one or more courses on Research Methodology which could cover areas such as quantitative methods, computer applications, research ethics and review of published research in the relevant field,

training, field work, etc. Other courses shall be of advanced level courses preparing the students for Ph.D. degree.

- 6.3 All courses prescribed for Ph.D. course work shall be in conformity with the credit hour instructional requirement and shall specify content, instructional and assessment methods. The courses shall be duly approved by the authorized academic bodies i.e. Academic Council on the recommendations of the concerned Board of Studies under the respective Faculty.
- 6.4 The faculty where the scholar pursues his/her research shall prescribe the course(s) to him/her based on the recommendations of the Research Advisory Committee, as stipulated under Clause 9.1 below, of the research scholar.
- 6.5 All candidates admitted to Ph.D. Programme shall have to attend not less than 75% of the lectures delivered in each paper of the course work. However, a deficiency of lectures upto 10% may be cases on genuine reasons.
- 6.6 Marks/Grades in the course work, including research methodology courses shall be finalized after a combined assessment by the Research Advisory Committee and the final marks/grades shall be communicated to the Institute preferably within ten days of the examination of the last paper.
- 6.7 Ph.D. scholar has to obtain a minimum of 55% of marks/equivalent grade in the UGC 7-point scale/equivalent CGPA in the course work in order to become eligible to continue in the programme and submit the thesis.

## **7. ALLOCATION OF SUPERVISOR**

- 7.1 A guide for the Ph.D. degree shall have not less than fifteen year's teaching and research experience after obtaining his/her postgraduate qualification and shall also have not less than ten years postgraduate teaching experience as faculty member. Provided that in areas/disciplines where there is no or only a limited number of referred journals, the University may relax the above condition for recognition of a person as Research Supervisor with reasons to be recorded in writing duly recommended by the Research Advisory Committee (RAC).
- 7.2 Only a full time regular teacher of the Faculty of the University can act as a supervisor. The external supervisors are not allowed. However, co-Supervisor can be allowed in inter-disciplinary areas from other department of the same institute or from other related institution with the approval of the Research Advisory Committee.
- 7.3 The allocation of Research Supervisor for a selected research scholar shall be decided by the concerned Departmental Research Committee (DRC) depending on the number of scholars per Research Supervisor, the available specializations among the Supervisors and research interests of the scholars are indicated by them at the time of interview/viva-voce.
- 7.4 In the case of topics which are of inter-disciplinary nature where it is felt that the expertise in the Faculty has to be supplemented from outside, the Research Advisory Committee (RAC) may appoint a Research Supervisor from the faculty itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Faculty on such terms as may be agreed upon with reasons to be recorded in writing.
- 7.5 A Research Supervisor/Co-Supervisor who is a Professor, at any given point of time, cannot guide more than Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to maximum of six (6) Ph.D. scholars and an Assistant

Professor as Research Supervisor can guide up to a maximum of four (4) Ph.D. scholars.

Provided that the seat allocated to a research scholar shall be treated as vacant from the date of submission of Ph.D. thesis by the research scholars.

- 7.6 In case of relocation of a Ph.D. woman scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institutions/supervisor from any funding agency. The scholar will, however, give due credit to the parent guide and the institution for the part of research already done.

If in the Supervisor of a candidate leaves the University before the completion of the research work and/ or is otherwise unable to see the work through, due to some valid reason(s), the Vice-Chancellor may allow the change of the Supervisor, on the recommendation of the Research Advisory Committee.

## **8. SYNOPSIS AND TOPIC**

- 8.1 After deposit of the dues, the candidate will submit the synopsis of his/her proposed research programme for presentation of a seminar before the Research Advisory Committee concerned and allocation of Supervisor from within the Faculty and if need be, a Co-Supervisor from other Departments/Institutes. The synopsis approved by the Research Advisory Committee will be placed before the concerned Board of Studies under the respective faculty for its consideration and approval. However, the process of submission of the synopsis in the case of those who were required to undergo course work will start the satisfactory completion of the course work. The candidates will be required to finalize their synopses and topics within one month of the declaration of result of course work.

Provided that the candidates who are exempted from undergoing the course work will be required to get their topics and synopsis finalized from the Research Advisory Committee (RAC) of the concerned Faculty within one month from the date of deposit of the admission dues.

- 8.2 After approval of the topic and synopsis of the research scholar with name of the Supervisor/Co-Supervisor by the Research Advisory Committee (RAC) of the Faculty concerned, the Chairman of the Research Advisory Committee (RAC) will host/upload the Synopsis on the topic approved on the INFLIBNET website of 'Shodhgangotri.inflibnet.ac.in' within fifteen days of the approval by the Research Advisory Committee (RAC), with a soft copy of the same in the form of PDF File to the University Co-ordinator for INFLIBNET Collaboration.
- 8.3 The research topic of a candidate can be allowed to be modified within one year from the date of approval of the topic and the synopsis by the Research Advisory Committee (RAC) of the Faculty concerned. However, the date of registration shall remain the same. In case the research topic of the Ph.D. Programme of any candidate is modified at any subsequent stage, the synopsis on the modified topic will also have to be got uploaded on the website of the INFLIBNET by the Chairman, Research Advisory Committee (RAC) and will finally be approved by the Academic Council on the recommendations of the Board of Studies of the department under the concerned Faculty.

Further the candidate will be required to work for atleast two years on changed topic from the date of approval of the same by the Research Advisory Committee (RAC) subject to maximum duration of six years.

## **9. RESEARCH ADVISORY COMMITTEE**

9.1 There shall be a Research Advisory Committee for Ph.D. Programme in each faculty comprising the following with dean of the concerned faculty as chairman of the Research Advisory Committee:

- (1) All the Professor of the concerned department.
- (2) One Associate Professor/Reader of the department possessing preferably the research degree of Ph.D. to be associated on seniority by rotation on year to year basis.
- (3) One Assistant Professor/lecturer of the department possessing preferably the research degree of Ph.D. to be associated on seniority by rotation on year to year basis.

The research Supervisor(s) of the concerned scholar shall also act as Member of the Research Advisory Committee and will be coordinating the matters concerning the research scholars working under his/her supervision. This Committee shall have the following responsibilities:

9.1.1. To review the research proposals and finalize the topics of research alongwith the name(s) of the Supervisor/Co-Supervisor for final approval by the Academic council on the recommendations of the concerned Board of Studies after recommendation/clearance from the Institutional/Animal Ethics Committee, if required.

9.1.2. To guide the research scholars to develop their study design and methodology of research and identify the course(s) that they may have to do, alongwith registration with Clinical Trials Registry of India (CTRI), if required.

9.1.3 To periodically review the progress of the research work of the research scholars.

9.2 Each of the research scholars shall appear before the Research Advisory Committee once in six months to make a presentation within fixed time span of the progress of his/her work for evaluation and further guidance. The six monthly progress reports duly approved by the Research Advisory Committee (RAC) shall be submitted to the University and copy of the same should be retained by the Research scholar.

9.3 In case the progress of the Research scholar is unsatisfactory, the Research Advisory Committee of the Faculty concerned shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the University for Cancellation of the registration of the research scholar with specific reasons.

## **10. ADMISSION & EVALUATION FEE**

10.1 Admission Fees, Annual fee, Evaluation Fee, etc. to be paid by the candidates shall be as prescribed by the University from time to time. In case any candidate does not pay his/her dues in time, his/her registration/enrollment shall be cancelled without any further notice.

## **11. JOINING OF OTHER COURSE**

- 11.1 No candidates shall join any other course of study or appear in any other examination while pursuing research. The Vice-chancellor may, however allows a candidate to appear in an examination or to attend a course in this University which is relevant to his/her research and is of minor nature, including improvement of any previous result.

## **12. SUBMISSION OF THESIS**

- 12.1 Upon satisfactory completion of the course work and obtaining the marks/grades as prescribed in Clause 6.7 above, as the case may be, the Ph.D. scholar shall be required to undertake research work and produce a draft thesis within four years but not before three years from the date of registration to the Ph.D. Programme in the University unless the period is extended by the Vice-chancellor on the recommendation of his/her Supervisor and the Research Advisory Committee of the Faculty concerned on yearly basis upto a maximum of 6 years subject to the provisions under Clause 4.2 of this Ordinance.
- 12.2 Prior to the submission of the thesis, the scholar shall make a pre-submission in the form of presentation before the Research Advisory Committee of the Faculty 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 thesis in consultation with the Research Advisory Committee under the guidance of his/her supervisor.
- 12.3 Ph.D. scholars must publish at least one research paper in refereed journal prescribed by the UGC and make two paper presentations in conferences/seminars related to thesis work before the submission of the thesis for adjudication, and produce evidence for the same in the form of presentation certificates/acceptance and/or reprint at the time of requesting for pre-submission alongwith evaluation fee, request for appointment of examiners alongwith the abstract of nearly 1000 words. No dues from the University and Completion Certificate duly countersigned by the Supervisor. The Board of Studies will send the approval panel of examiners branch within a week of pre-submission for further necessary action. Provided that the research scholars will have to submit the thesis within three months from the date of pre-submission before the Research Advisory Committee or upto the last date of the expiry of the Ph.D. registration period whichever is earlier failing which whole process for pre-submission will have to be initiated afresh De-novo with additional fee as may be fixed by the University from time to time in case his/her registration period has not yet been over.
- 12.4 The Academic Council of the University shall evolve and notify a mechanism using well developed software and gadgets to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the thesis shall have an undertaking from the research scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that there is no plagiarism, duly verified by the Research Advisory Committee of the concerned Faculty and that the work has not been submitted for the award of any other degree/diploma of the same University where the work was carried out, or to any other University.

- 12.5 The Academic Council of the University shall also frame guidelines with regards to the formatting and designing of the Ph.D. thesis uniformly applicable to tall research scholars for submission of their thesis to the University for evaluation.
- 12.6 If a candidate fails to submit his/her thesis within a period of four years and does not apply for extension before the expiry of his/her period, his/her registration will stand automatically cancelled without any further notice by the University. The period of four years for submission of Ph.D. thesis may be extended in exceptional cases by a maximum of two years subject to provision under Clause 4.1 above on yearly basis by the Vice-Chancellor on the recommendation of the Supervisor(s) and the research Advisory Committee (RAC) of the concerned faculty.
- 12.7 The Ph.D. thesis shall be presented in English only, unless the topic requires it otherwise.
- 12.8 Every thesis shall be a piece of research characterized either by discovery of new facts or enunciation of a new theory or theories or by fresh interpretation of known facts. In any case, it shall evince the capacity of the candidate for critical examination and adjustment. The linguistic presentation of the thesis should be a high standard i.e. concise, laid out logically and in proper sequence, far from grammatical and typographical errors and referenced properly.
- 12.9 The research scholar shall submit four types or Photostat copies of his/her thesis alongwith six Soft copies of the same in the form of CD in PDF file. The scholar shall also submit six copies of the summary of the thesis in about 1000 words.

### **13. EVALUATION OF THESIS & AWARD OF THE DEGREE ETC**

- 13.1 The University shall develop appropriate methods so as to complete the entire process of evaluation of Ph.D. thesis within a period of six months from the date of submission of the thesis.
- 13.2 The Ph.D. thesis submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least two eligible external examiners of whom one examiner may be from outside the country, selected by the Vice-Chancellor out of a panel of 8-10 experts approved by the Board of Studies in respective discipline.
- 13.3 When the evaluation reports from both the external examiners have been received, the public viva voce of the research scholar to defend the thesis shall be conducted only if the evaluation reports of both the external examiners on the thesis are satisfactory and include a specific recommendation for conducting the viva voce examination.

If one of the evaluation reports of the external examiners is unsatisfactory and does not recommend viva voce, the Institution shall send the thesis to another external examiner out of the approved panel of examiners and the viva voce examination shall be held only if the report of the latest examiner is satisfactory. If the report of the latest examiner is also unsatisfactory, the thesis shall be rejected and the research scholar shall be declared ineligible for the award of the degree.

#### **13.4 The evaluator will state categorically whether in his/her opinion:**

- 1) Thesis should be accepted for the award of Ph.D. Degree and is recommended for viva voce examination.
- 2) It should be rejected. The evaluator shall state reasons for approval or rejection of the thesis.

If he/she recommends re-submission, he/she shall specifically indicate what modifications he/she wants that candidate to effect and incorporate in the thesis.

In case of any doubt conflict between the reports by the External Examiners, the matter will be referred to the Research Degree Committee comprising the Vice-Chancellor, the Dean of the Faculty concerned and the HOD/Dean Research which will examine the reports for making recommendations to the Vice-Chancellor if the thesis be referred to the third examiner of viva voce to be got conducted.

- 13.5 The viva-voce examination, based among other things, on the critiques given in the evaluation reports shall be conducted by the Research Supervisor and at least one of the two external examiners preferably the one from within the country and shall be open to be attended by the members of the Research Advisory Committee, all members of the Faculty concerned, other interested experts/researchers and research scholars.
- 13.6 If the examiners appointed by the University are unable or unwilling to conduct the viva-voce examination, another name will be picked up by the Vice-Chancellor from the panel already approved by the concerned Board of Studies to conduct the viva-voce.
- 13.7 The scholar will have to present himself/herself for the viva-voce examination when fixed by the University failing which he/she will be declared ineligible for the award of Degree. However, in case the scholar is unable to attend the viva-voce on the fixed date for any unavoidable reason, the Controller of Examinations on a request by the scholar in writing with an additional fee as may be prescribed by the University can allow one time postponement of the date up to a maximum period of three months from the date previously fixed by the University, failing which the candidate will be declared ineligible for the award of Degree.
- 13.8 When received, the reports of all the examiners for the evaluation of the thesis and viva voce shall be placed before the Research Degree Committee of the concerned faculty. It shall be the function of the Committee to consider the reports and to recommend to the Vice-Chancellor whether:-
- A. The degree be awarded:-
- OR
- B. The Thesis is rejected.

After the approval of the recommendations of the Research Degree Committee, the Controller of Examinations will notify the result accordingly.

- 13.9 After finalization of the award of Ph.D. Degree, one copy of the thesis with soft copy will be sent to the University Library and the other to the Departmental/Institutional Library. The third copy will be kept as record in the office for five years after which it will also be sent to the University Library. The Supervisor in his capacity as Internal Examiner will retain his copy for his reference.

#### **14. DEPOSITORY WITH INFLIBNET**

- 14.1 Following the successful completion of the evaluation process and before the announcement of the award of Ph.D. degree, the Controller of Examinations shall submit an electronic copy of the thesis in the form of PDF file to the Co-ordinator – INFLIBNET Collaboration of the University, who will host/upload the same on the

INFLIBNET website of [shodhganga@inflibnet.ac.in](mailto:shodhganga@inflibnet.ac.in), so as to make it accessible to other Institutions/Universities.

- 14.2 Prior to the actual award of the Degree, the University shall issue a provisional certificate to the effect that the Degree has been awarded in accordance with the provisions of UGC Regulations, 2016.

**15. PUBLICATION OF THESIS**

No thesis or part thereof shall be published without prior permission of the University. The research scholar may apply to the Dean of Faculty for permission to publish his/her thesis within five years from the date of notification for the award of degree. The Dean of Faculty shall satisfy himself/herself that the thesis is in publishable form. He/she will be guided by the reports of the examiners. A certificate will be obtained from the Supervisor to the effect that necessary improvements suggested by him/her and the examiners have been properly carried out.

**16. ADMISSION RULES FOR INTERNATIONAL STUDENTS TO Ph.D. PROGRAMME**

- 16.1 NRI/Foreign candidates shall be given admission if they fulfill other eligibility conditions as provided in the Ph.D. Ordinance and seats are available in the Institute/College/Department subject to qualifying the Entrance Test if he/she is in India at the time of Entrance Test.
- 16.2 International students who are being sponsored by the Government body such as ICCR or MHRD or EDCIL or a government agency of their own country shall be exempted from the Entrance test.
- 16.3 A Foreign/NRI candidate seeking admission to Ph.D. program shall submit a brief outline of the proposed area of research alongwith the application form for admission to Ph.D. program and also two reference letters from Professors of some other University to the Head of Department/ Principal of the College/ Institute concerned for consideration by the Departmental Research Committee.
- 16.4 NRI/Foreign candidates who are not present in India at the time of Entrance test shall need to achieve atleast 5 in IELTS Academic or 60 in TOEFL or 150-154 in GRE or 600 in GMAT or qualify in any other equivalent entrance test in their home country. Their merit will be decided on the basis of marks obtained at 10+2 level, bachelor Degree and master Degree level (other than M.Phil) as per following criteria:

<b>Level of Examination</b>	<b>Weightage</b>
<b>Master's Degree</b>	<b>50 Marks</b>
<b>Bachelor's Degree</b>	<b>30 Marks</b>
<b>10+2 Examination</b>	<b>10 Marks</b>
	<b>90 Marks</b>

The merit will be followed by interview (having a weightage of 30 marks) by DRC through SKYPE or Video conferencing on the basis of a brief outline of the proposed area of research submitted by the candidate.

Provided that a minimum of 50% marks shall be qualifying marks for determining the merit of Total weightage i.e. 90+30 Marks.

- 16.5 All the recommendations of the Departmental Research Committee (DRC) with regard to admission of the candidates of Ph.D. program in the Institute/Colleges/Departments shall be placed before another Committee headed by the Vice-Chancellor which will include following members for taking final decision/approval regarding allowing admission to the concerned Foreign/NRI student:-
- i. Dean of Faculty concerned/Dean (Research).
  - ii. Chairman, Departmental Research Committee.
  - iii. Proposed Supervisor.
  - iv. Registrar – Member Secretary
- 16.6 The period of stay of three years while pursuing Ph.D. program including six months course work shall be mandatory and there shall be no exemption of period for Foreign/NRI research students.
- 16.7 In addition to one Supervisor, a Co-Supervisor may be appointed for offering guidance to the research students, if need be. However, Foreign/NRI research students will be given liberty to opt the Co-Supervisor from his/her own State/Country apart from one Supervisor from Maharishi Markandeshwar University.

# MAHARISHI MARKANDESHWAR UNIVERSITY, KUMARHATTI-SOLAN (HP)

(Established under H.P. Govt. Act. No. 22 of 2010 and approved by the UGC under Section 22 of the UGC Act, 1956)

## APPLICATION FORM FOR ADMISSION TO THE Ph.D. PROGRAMME (2021)

1. **Name of the Candidate** : .....  
(in Block letters)

2. **Father's Name** : .....  
(in Block letters)

3. **Mother's Name** : .....  
(in Block letters)

4. **Date of Birth** : .....  
(proof to be attached)

Paste latest color photo & attach two additional copies.

5. **Name of DISCIPLINE for admission to Ph.D. Programme:** .....

6. **Please tick below whichever is applicable (for statistical information)**

Male  Female  Gen  SC  OBC  PWD  ESM

7. **State of Domicile**  **District**

8. **Nationality**  **NRI**  **Foreigner**   
(Other than NRI)

9. **Details of Examinations Passed**

Name of Examinations*	Name of the University/ Board	Name of the Institution	Month/year of Passing	Subjects	Maximum Marks	Marks Obtained	% Marks & Division
Matric							
10+2							
Graduation**							
Master's Degree** (Subjects)							

\*Attested copies of all the certificates/DMC's/Degree to be enclosed

\*\*Mentioned name of the degree.

10. **Details, if in employment:\***

Name of the Org./ University/ Institute	Name of Post	Present pay & Grade	Nature of Appointment	Date of Joining	Remarks
Previous Experience, if any					

\* No Objection from the Employer to be enclosed

11. **Area(s) of interest for research:** .....

(One page note to be attached)

12. **Details, if already registered/worked for Ph.D. elsewhere:**

Name of the University/ Institute	Subject for which registered	Topic of research	Name of the Supervisor	Period	Reason for leaving

13. **Postal Address for Communication:** .....

..... **City** ..... **State** ..... **Pin** .....

**Ph: (with STD Code)/ Mobile:** ..... **Email ID** .....

14. **Permanent Address:** .....

.....

**Declaration by the candidate:**

I declare that entries made by me in this Application Form are true and correct in all respects and in case any entry of information given by me in this form is found to be false, this shall entail automatic cancellation of any admission besides rendering me liable to such action as this University may deem fit.

I have noted that my admission to the Ph.D. Programme and my continuance on its rolls are subject to the provisions of the Maharishi Markandeshwar University and other rules and instructions as may be applicable from time to time. I also undertake that I shall abide by the rules and instructions as may be applicable from time to time. I also undertake that I shall abide by the rules of discipline and proper conduct as are applicable from time to time in the Maharishi Markandeshwar University and its institutions.

I am fully aware of the Regulations of the UGC and other Regulating Bodies and law regarding ragging as well as the punishment and that if found guilty on this account, I am liable to be punished accordingly. I undertake that I shall not indulge in any act of ragging. I also undertake that I have read and understood the Information Brochure 2020 of Ph.D. Programme, issued by this University.

Place .....

Date .....

\_\_\_\_\_  
Signature of Candidate

**For office use only**

This is to certify that the topic has been approved for registration to Ph.D. of Mr./Ms. \_\_\_\_\_ S/o Shri \_\_\_\_\_ by the Board of Studies in \_\_\_\_\_ as under:

Resolution No. of BOS \_\_\_\_\_ dated \_\_\_\_\_

Topic: \_\_\_\_\_

Name of the Supervisor: \_\_\_\_\_

If the Supervisor has consented: \_\_\_\_\_

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature of DIRECTOR/PRINCIPAL/HOD  
(Chairman, Board of Studies)

Dy. Registrar (Regn.)