

# **MAHARISHI MARKANDESHWAR UNIVERSITY, MULLANA-AMBALA**

(Deemed University established under Section 3 of the UGC Act, 1956)

## **ABOUT THE UNIVERSITY**

Ideally located on the 'tapobhoomi' of Maharishi Markandeshwar in the river bed of the sacred Markanda, with exotic lush green rural surroundings the Maharishi Markandeshwar University, Mullana-Ambala, was established under the aegis of the reputed Maharishi Markandeshwar Education Trust, which was founded by a great visionary and renowned promoter of education, Shri Tarsem Garg, in November 1993. Named after Maharishi Markandya (the great-grandson of Bhrigu Rishi and the son of Rishi Markandu, the eternal torchbearer of communal harmony and religious tolerance, who by his power of pious devotion and deep faith in Lord Shiva, acquired the boon of eternal life by defeating the invincible Yamraja), MM University began with the establishment of MM Engineering College at Mullana in 1995. Making rapid progress in a short span of 17 years, it developed into a vast campus comprising the institutions of high-profile, professional courses in the areas of Medical Sciences, Dental Sciences, Physiotherapy, Pharmacy, Nursing, Engineering & Technology, Business Management, Computer Science, Hotel Management & Catering Technology, Teachers Education, Law, International School, latest being the MM Institute of Distance Education, surpassing in size and standards most conventional Universities in the region. Exchange of Students/Faculty Collaborations with the foreign Universities and institutions of repute has proved highly useful in keeping pace with the global developments in technical and professional education.

The MM Education Trust has the pride of privilege in establishing the first self-financing Engineering College, first self-financing Medical College, and the first self-financing Deemed University in the region. The other campuses which have recently been developed by the Trust include MM University at Solan (H.P.), MM Group of Institutions, Sadopur (Ambala) and MM Group of Institutions, Ramba (Karnal).

An epitome of quality education, the MM University has been imparting value-based, career-oriented education, with special emphasis on medical and technical education, lending yeoman service to the society, providing the best available training in academics as well as extra-curricular activities. The carefully selected faculty is an important asset of MMU, which provides latest academic input, blending it with organization of national seminars, conferences, workshops, industry-academia interactions and orientation towards research, innovation, etc. Our vision, emanating from the founder's thought-process, is *"to develop better than the best professionals for the economic development of the country."* Besides being a member of the Association of Commonwealth Universities, the university has also been accredited at International Level by the Accreditation Service of International Colleges (UK).

The University complex comprises independent buildings of various MM Institutes, twelve hostels (5 for boys and 7 for girls, four of which are centrally air-conditioned) with accommodation for about 5000 students; 780-bedded MM Medical College Hospital, with latest facilities of CT-SCAN, MRI, Ultra modern OTs, Blood Bank, Pathological Labs, etc.; residential sector for about 500 faculty and administrative staff; shopping centers; branches of the State Bank of India and Oriental Bank of Commerce with ATM facilities; Post office; transport service with 80 AC/Delux Buses for staff and students coming from nearby areas; Petrol outlet; Wi-Fi campus with backbone of optic fibre line of 52 mbps connectivity ; Examination Halls; Auditorium; Modern Lecture-Theaters duly fitted with OHPs and LCDs; own civic facilities like water supply, sewerage and electrification backed by high-powered soundless generators to ensure uninterrupted electric supply to facilitate teaching-learning process.

All the MM institutions have well-equipped modern Labs with latest equipments, besides about sixty computer Labs with over 2900 P-IV and licenced softwares, in addition to air-conditioned-computerized-well stocked libraries with rich collection of 1.35 lac books, 4214 national and international journals including e-Journals, 5062 CDs/DVDs/Video Cassettes, etc. with ample seating capacity. The library is also a member of INDEST-AICTE consortium through which e-journals on Science & Technology including AIEEE/IEE, ASME, ASCE are made available. Lippincott Williams & Wilkins e-collection is accessible to all the users of medical science. We have membership of National Networks, such as INFLIBNET and DELNET. The collections of various Institutions in India and overseas are accessible to our users for searching. For instance, DELNET offers access to more than 9.2 million records of books, 33,916 Union List of Current Periodicals, 20,235 records of Union Catalogue of Periodicals and 912042 records of Periodicals Articles held by 1980 libraries in 30 stats of India and 21 overseas libraries. Almost a similar kind of data is accessible on INFLIBNET also. MEDLARAS is accessible to all users of Medical Science.

The MM University prepares its students into world-class professionals who can prove to be the pride of any employer. Those who pass out from here are capable of getting prestigious jobs within and outside the country. Several reputed companies visit our campus during the session and our students get high-class placements with enviable packages in reputed establishments going upto ₹18 lacs a year through campus interviews even before completing their courses. Only Infosys, IT Company of International repute had selected 93 students in campus placement last year and 156 students of 2010-11 batch which speaks of the quality status of its students.

The key differentiator of the Maharishi Markandeshwar University is to focus on high quality research with emphasis on overall development of students, maintaining a balance between academic excellence and moral perfection. Our trainings for different professions are tuned to making our students responsive to the emerging needs of our nation.

The MM University has, thus, taken up a big challenge for the reconstruction of the society through education.

# IMPORTANT INSTRUCTIONS

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

(2011)

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

Sr. No.	Discipline	No. of Seats	Sr. No.	Discipline	No. of Seats
1.	Physics	10	11.	Mechanical Engineering	8
2.	Chemistry	10	12.	Electrical Engineering	4
3.	Mathematics	8	13.	Electronics & Communication Engg.	8
4.	Biotechnology	15			
5.	Pharmacy	15	<b>Medical Stream:</b>		
6.	Management	10	1.	Anatomy	01
7.	English	6	2.	Biochemistry	01
8.	Computer Science & Applications	3	3.	Microbiology	02
9.	Civil Engineering	4	4.	Pharmacology	02
10.	Computer Science & Engg.	6	5.	Physiology	02

2. The candidates before filling up the Application Forms should satisfy themselves that they fulfil the eligibility conditions as per relevant Ordinance of the respective Ph.D. Programme annexed with this Brochure.
3. The selection of the candidates for Admission to the Ph.D. programme will be made on the basis of merit of the Entrance Tests to be conducted in the respective Departments/Institutes followed by interview. Those who have qualified UGC/CSIR NET in respective disciplines or M.Tech with GATE will not be required to appear in the Entrance Test and will be considered for admission **on the basis of their academic merit** followed by **interview** which will also expose the candidates about their depth in the subject, research aptitude, area of research, suitability, etc
4. Apart from the above, one seat in each Department for Ph.D Programme in Medical Sciences is reserved for NRI/Foreigner candidates who are not required to appear in the Entrance Test/Interview.

**5. Pattern of Admission Test & Interview uniformly applicable to all the Departments in all the faculties other than the Faculty of Medical Sciences.**

- (1) Question Paper of the Entrance Test will be based on the curriculum of Master's Degree Programme in respective disciplines in Indian Universities.
- (2) Time for attempting the Question Paper: 1.00 Hour
- (3) No. and Type of Questions: 25 questions of Objective Type : 50 Marks  
2 questions descriptive : 20 Marks
- (4) Academic Merit +2 : 10 Marks  
(for those **entitled** to Bachelor's Degree : 20 Marks  
Exemption from Master Degree : 40 Marks  
Entrance Test)
- (5) **Interview** : 30 Marks  
(Applicable to both those appearing in Entrance Test and those exempted from the Entrance Test)

- Note:**
1. In the cases of those who are entitled to Exemption from Entrance Test, but have appeared in the Entrance Test, marks obtained by them in the Entrance Test will be taken into consideration and will subsequently not be allowed to opt for considering him/her on the basis of Academic Merit.
  2. All the candidates who have appeared in the Entrance Test may also be interviewed alongwith other candidates on the same date.

**6. Pattern of Admission Test and Interview uniformly applicable to all the Departments in the Faculty of Medical Sciences.**

The candidate should enclose with application a proposed topic with field of interest and reasons and a sample protocol so that assessment by the Head of Department regarding the suitability of the candidate can be made.

**Admission Test-** Duration : 03 Hours  
Maximum Marks = 100 (No Negative marking)

**Part-I** Common for all, consisting of 30 objective Type structured questions carrying 01 mark each divided into 03 Sections. Each Section carrying 10 questions.

Section-A : English (Scientific Writing)  
Section-B : Research Methodology including Pubmed & Internet

Section-C : Biostatistics & Basic Computer Applications.

**Part-II (Elective) - Concerned subjects only**

**(Anatomy, Physiology, Biochemistry, Pharmacology, Microbiology)**

: **70 Marks -**

50 Marks - Objective Type Questions (50) carrying 01 mark each.

20 Marks - One Long or Essay Type Question on Research Oriented Topic.

**Interview - 50 Marks**

**Syllabi for the Entrance Test for admission seekers is aimed to be at P.G.**

**Level.**

7. A limited number of **Fellowships** of ₹ 12,000/- P.M with **contingency** upto ₹ 6,000/- per annum are also available in the subjects **other than the subjects of the** Faculty of Medical Sciences and some of the selected candidates may also be considered for the award of Fellowship on their merit and research aptitude. The continuation of the **Fellowship** and utilization of the amount of **Contingency** will be made as per **guidelines** framed by the University from time to time and subject to satisfactory progress report.
8. After selection and deposit of fees, the candidates will have to undergo a **Course Work** of one **Semester** in **Research Methodology** also comprising **Quantitative Methods** and **Computer Applications** and may also involve reviewing of published research work in the relevant fields and will have to qualify the same securing at least **50%** marks after which they can proceed further with their research work and writing of the dissertations/theses. The candidates who have already qualified the **Course Work** comprising Research Methodology also comprising Quantitative Methods, etc from this University or at any other University as a part of the M.Phil after seeking admission through Entrance Test or any other Research degree programme can be considered for exemption from undergoing the Course Work.
9. The filled in Application Form alongwith the **attested copies** of **testimonials** which make the candidate eligible for admission to the Ph.D. (Doctor of Philosophy) programme must reach the Deputy Registrar (Academic), MM University, Mullana-Ambala, 133-207, **on or before the date as mentioned in the Admission Notice.**

10. The following **documents** will have to be **submitted** by the candidates **alongwith** their **Applications**:

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

- (i) **Matriculation** Pass Certificate or an equivalent Examination Certificate issued by the Board/University for **date of birth**.
- (ii) **Senior Secondary** Pass Certificate (+2).
- (iii) **DMCs** of examinations of all the Parts of the **Graduation** Degree.
- (iv) **DMCs** of Examinations of all the Parts of the **Master's Degree** in the relevant discipline.
- (v) **DMCs** of Examinations of **M.Phil** or any other **Research Degree**, passed by the candidates, if any, also showing the **Papers offered**.
- (vi) **Character Certificate** reporting on the inter-personal/social behavioural pattern of the applicant issued by the Institution last attended by the candidate.
- (vii) DMCs of the Course Work, if any, completed from any other recognized University.
- (viii) **Experience Certificate** indicating the Position held, Period of Service, name of the Organization, etc.
- (ix) **No Objection Certificate** from the Employer.  
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.
  - (ii) **Migration Certificate** in case the last Examination has been passed by the candidate from any Other University (other than the MMU). If not readily available, it can be submitted within 15 days from the date of deposit of admission dues.
  - (iii) **Affidavit** against Ragging (to be submitted at the time of depositing the dues).

**Note :** The candidates will have to produce the **Original documents** at the time of **Written Test**/Interview.

11. The working teachers, engineers and executives who are interested to be admitted as research students for Ph.D. Programme in disciplines other than Medical Sciences should obtain permission from their respective Departments and should attach it with their Application Forms failing which their candidatures will not be entertained.

12. The candidates, who have passed the qualifying examinations from any **foreign University** will have to submit **Equivalence Certificates** from **Association of Indian Universities (AIU)**, New Delhi.

### **RATES OF FEES:**

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

The present rates of fees payable by the candidates are as under:

Sr. No.	Details	Rates of Fees	
		Medical	Other Streams
1.	<b>Admission Fee</b> (including other charges)  One time to be paid at the time of Admission	₹ 10000/-	₹ 10000/-
		<b>NRI/Foreign Candidates</b> US \$ 500	
2. (i)	<b>Tuition Fee</b> (including other annual charges)  (Per Annum)	₹ 50,000/-	₹ 30,000/-
		<b>NRI/Foreign Candidates</b> US \$ 5000	<b>NRI/Foreign Candidates</b> US \$ 2500
(ii)	<b>Tuition Fee</b> (including other charges)  For candidates from Industry & Business Houses (Per Annum)	-	₹ 50,000/-
3.	<b>Theses Evaluation Fee</b>  (Payable at the time of submission of Theses)	₹ 15,000/-	₹ 10,000/-
		<b>NRI/Foreign Candidates</b> US \$ 1250	<b>NRI/Foreign Candidates</b> US \$ 1000

**Note:** (i) Tuition Fee is to be paid every year in advance.

(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.**
- (iv) In subsequent years, Annual Tuition Fee can be remitted late upto 30 days with a late fee of ₹ 2500/-. (US \$ 250 in the case of NRI/Foreign Candidates).
- (v) In case Tuition Fee is not paid within the prescribed period as above, registration will stand cancelled without any further notice.

**IMPORTANT: For further details applicable to the subjects forming part of the Faculty of Medical Sciences, please refer to the Ordinance of Ph.D at pages 18 - 26; and for other subjects at pages from 8 - 17.**

## **ORDINANCE – DOCTORATE OF PHILOSOPHY (Ph.D.)**

1. The research programme leading to the award of Degree of Doctor of Philosophy (Ph.D) may be undertaken in any of the Departments/Institutes of the University, **other than the Faculties of Medical Sciences and Dental Sciences.** However, **no research programme for the award of Ph.D. degree shall be undertaken through distance education mode.**
2. Subject to general control of the Academic Council, research studies for Ph.D. programme shall be organized by the Boards of Studies assisted by the Departmental Research Committee (**DRC**) in respective disciplines.

### **ELIGIBILITY :**

- 3.1 A candidate for admission to the Ph.D programme must have obtained any one of the following academic qualifications in the discipline of research or a subject allied thereto (the alliance will be decided by the Academic Council on the recommendation of the respective Board of Studies) at the Master's degree (M.Tech/M.E., MBA, MCA, M.A, M.Sc., etc. other than M.Phil) level from a recognized University:
  - (i) At least 60% marks with First class or equivalent CGPA at the Master's Degree level;
  - (ii) At least 55% marks or equivalent CGPA at the Master's Degree level followed by the degree of M.Phil with course work.
  - (iii) At least 55% marks or equivalent CGPA at the Master's Degree level with at least three years teaching experience in the subject concerned in a recognized College/University/Institute;

**OR**



at least three years experience on supervisory executive positions in Industry/business house.

- (iv) At least 55% marks or equivalent CGPA at the Master's Degree level and the candidate has also qualified the UGC/CSIR-NET, GATE, SLET etc.
- (v) At least 55% marks or equivalent CGPA at the Master's Degree level if the candidate has been selected as Junior/Senior Research Fellow in a research project sanctioned by UGC, CSIR, ICSSR or any other govt. body to the University or its Institutes.
- (vi) In the case of NRI/Foreign candidates, at least 55% marks in the qualifying examinations of Master's Degree in the relevant discipline. However, the candidates, who have passed the qualifying examinations from any foreign University, will have to submit equivalence certificates from the Association of Indian Universities (AIU), New Delhi.

### **ADMISSION:**

- 4.1 Every year in the beginning of the session in July, each Department/Institute of the University shall identify the number of seats available in the Department/Institute to be advertised for enrolment of research students for Ph.D. Programmes.
- 4.2 While granting admission to students to Ph.D. programme, national reservation policy as applicable to Self-Financing Institutions shall be followed.
- 4.3 In pursuance of the Notice for admission when advertised by the University, the candidate shall apply for enrollment as Research Student for Ph.D. Programme on the prescribed form which can be obtained from the Maharishi Markandeshwar University, Mullana - Ambala.

The applications received shall be submitted to the Department/Institute concerned where the same will be scrutinized and then placed before the **Departmental Research Committee(DRC)**.

The **DRC** headed by the Director/Principal/Head of the Department/Institute shall consist of the following:

1. All Professors of the Department/Institute.

2. One Associate Professor/Reader of the Department/Institute possessing the research degree of Ph.D. to be associated on seniority by rotation.
  3. One Assistant Professor/Lecturer of the Department/Institute possessing the research degree of Ph.D. to be associated on seniority by rotation.
- 4.4 Enrolment as research student to the Ph.D. Programme in various disciplines shall be made on the basis of the Admission Test to be conducted by the Institute/Department concerned followed by interviews by the DRC to adjudge their research aptitude and area of research and suitability, etc. The Admission Test conducted by this University shall be valid upto one Year only unless

extended by the Vice-Chancellor. The recommendations with regard to the suitability of the research student made by the Departmental Research Committee approved by the Vice-Chancellor shall be final.

- 4.5 The candidates having already qualified the M.Phil degree comprising the Course Work after seeking admission through Entrance Test or have qualified the NET conducted by the UGC/CSIR or GATE or **SLET** or those who have been awarded Teacher Fellowship by the UGC or any other Regulating Councils for carrying on research leading to Ph.D. Programme will be exempted from appearing in the Admission Test. Provided that a candidate who was given admission at the M.Phil course through Entrance Examination and has qualified Course Work at M.Phil level shall not be required to undertake Entrance Examination or Course Work during Ph.D. Programme. But they will have to appear for interview alongwith other candidates qualified in the Admission Test got conducted by the University.
- 4.6 The selected candidates will have to deposit the fee as prescribed by the University from time to time and will be enrolled as research student with effect from the date they deposit the fee.

### **COURSE WORK:**

- 5.1 The selected candidates will have to undergo course work of the duration of one Semester on Research Methodology also comprising Quantitative Methods and Computer Applications to be conducted by the University and will have to

qualify the same securing at least 50% marks after which they can proceed further with their research work and writing of the dissertation/thesis. The Course Work may also involve reviewing of published research in the relevant field.

- 5.2 The University can also consider to allow a research student to undergo a course work in sister departments/institutes either within or outside the university for which due credit may be given on merit of each case.

### **REQUIREMENT OF STAY:**

6. Every candidate enrolled for research programme of Ph.D. shall be required to carry on his/her research work for at least two years at the University or its Institute or at any National Research Institute/Centre, duly recognized by the University for the purpose. However, on a request submitted by any candidate

at the time of his/her admission to the Ph.D. programmes, the Vice Chancellor on the recommendations of the DRC may consider allowing exemption to the working teachers or executives working in Industry/Business Houses from the condition of stay at Mullana wholly or partially on the merit of each case.

### **SYNOPSIS AND TOPIC:**

7. After deposit of the dues, the candidate will be asked to submit the synopsis of his/her proposed research programme for presentation of a seminar before the DRC. The synopsis approved by the DRC will be placed before the Board of Studies of the Department/Institute for consideration and approval of the topic of research, when Supervisor from within the Department/Institute will also be assigned by the BOS. In addition to the Internal Supervisor, if need be, an External Supervisor from some other Institute, provided he/she consents to guide the candidate, can also be assigned for special knowledge in the concerned area. However, the process of submission of the synopsis in the case of those who were required to undergo course work will start after the satisfactory completion of the course work. The candidates will be required to finalize their synopses and topics in the Institute/College within two months of the declaration of result of Course Work. Provided that the candidate will complete the course work within one year from the date of deposit of Fees.

## **SUPERVISOR:**

- 8.1 All faculty members possessing Doctorate Degree in the subject concerned with three years teaching experience shall be eligible to be appointed as Supervisor for Guiding research students in the relevant discipline. A Supervisor shall not have, at any given point of time, more than 8 research students for carrying on the Ph.D. programme.
  - 8.2 The allocation of the supervisor for any research student shall be decided by the Department/Institute in a formal manner depending on the number of students per faculty member, the available specialization among the faculty supervisors, and the research interest of the student as indicated during interview by the student. The allotment/allocation of supervisor shall not be left to the individual student or teacher.
  - 8.3 If 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 DRC.
9. The date of registration for the Ph.D. Programme shall be the date on which the Registration dues have been deposited by him.

## **EVALUATION AND ASSESSMENT METHODS:**

10. Upon satisfactory completion of the course work on research methodology, which shall form part and parcel of the Ph.D. programme, the Ph.D scholar shall undertake research work and produce a draft thesis within a reasonable time, as stipulated by the institution concerned.
11. Prior to submission of the thesis, the student shall make a Ph.D presentation in the Department that may be open to all faculty members and research students, for getting feedback and comments, which may be suitably incorporated into the draft thesis under the advice of the supervisor.
12. Ph.D. candidates shall publish one research paper in a referred journal before the submission of the thesis/monograph for adjudication, and produce evidence for the same in the form of acceptance letter or the reprint.

13. The thesis produced by the Ph.D student and submitted to the University/Institution shall be evaluated by two experts, out of which at least one shall be from outside the State/Country.
14. On receipt of satisfactory evaluation reports, Ph.D. students shall undergo a viva voce examination which shall also be openly defended.
15. Every candidate shall submit his/her thesis within a period of four years, but not before three years from the date of his/her registration and two years from the date of approval of the synopsis whichever is earlier. If a candidate fails to submit his/her thesis within a period of four years and does not apply for the 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, on yearly extension basis by the Vice-Chancellor on the recommendation of the Supervisor(s).
16. The research student shall present his/her work in three seminars, at least one every year, during the period of his or her research, one of which shall be presented when the Thesis is ready for submission. If the work of Research Student is found unsatisfactory at any stage as ascertained in the seminar or reported by the Supervisor(s), the Departmental Research Committee shall give him/her an opportunity to explain his/her position and make suitable recommendation including de-registration. The supervisor shall be co-opted as a member of the DRC as and when research student's case comes up for discussion.
17. Every research student shall also submit a yearly report on the research work done by him/her during the said period to the Director/Head of Department of the Institute/Department through his/her Supervisor,
18. No candidate shall join any other course of study or appear in any other examination while conducting research. The Vice-Chancellor may, however, allow 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.
19. The Ph.D. thesis shall be presented in English only, unless the topic requires it otherwise.

20. The Board of Studies may allow a subject or research topic to be modified up to one year after registration. However, the date of registration shall remain the same.
21. 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 judgment. The linguistic presentation of the thesis should be of a high standard i.e. concise, laid out logically and in proper sequence, far from grammatical and typographical errors and referenced properly. No thesis shall be accepted with any kind of dedication statement.

22. The candidate may incorporate in his/her thesis the contents of any work that he/she may have published on the subject but shall duly declare this fact in the thesis. However, he/she shall not submit as his/her thesis, any work for which a degree has already been conferred on him/her by any University.

### **SUBMISSION OF THESIS:**

23. When a research student is ready to submit his/her thesis for evaluation, he/she shall obtain a certificate from his/her supervisor to this effect and shall apply to the Director/Principal for appointment of his/ her examiners. The Research Student shall also certify that his research work done is original one and not a work already published in any Journal, duly countersigned by his/her Research Supervisor/Guide.
24. The candidate shall submit three typed or photostat copies of his/her thesis. After finalization of the award of Ph.D. Degree, one copy will be sent to the University Library and the other to the Department/Institute 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 candidate shall also submit six copies of the summary of the thesis in about 1000 words.
25. The Board of Studies shall draw a panel of at least six specialists for appointment as examiners for each thesis. The specialists recommended, shall be either Professors or persons of eminence or persons holding equal status and their specialization shall be relevant to the topic of the thesis.

26. The thesis shall be finally referred to two examiners selected by the Vice-Chancellor from the panel drawn by the Board of Studies. Out of the two atleast one should be from outside the state/country.

The examiners evaluating and recommending the award of degree may also be requested to give in their report, a set of questions which they would like to put to the candidate at the time of Viva-Voce.

If both the examiners recommend award of the degree, the candidate shall be examined through a viva-voce examination by one of the examiners to be nominated by the Vice-Chancellor. If both the examiners are unable or unwilling to conduct the viva-voce examination, another name will be picked up for the purpose by the Vice-Chancellor from the panel already approved by the Board of Studies.

If one of the two examiners rejects or recommends re-submission with some modifications, the Vice-Chancellor may refer the thesis to the third examiner out of the panel of examiners. If two out of three examiners recommend re-submission with some modifications in the thesis, the candidate shall be asked to modify the thesis and re-submit the same only once, not earlier than six months and not later than two years after having carried out all the modifications with a certificate from the Supervisor that all the modifications, have been carried out.

A re-submitted thesis shall be examined by the same examiner(s), who had evaluated the original thesis unless any of them is unable or unwilling to do so, in which case substitute(s) shall be appointed from the panel by the

Vice-Chancellor. The examiner(s) for the revised thesis shall see whether the objections raised have been met or not.

27. A candidate whose thesis is rejected shall not be registered again for Ph.D. degree on the same topic.
28. The Viva-Voce examination shall be conducted by the external examiner and will be held in the Department/Institute at Mullana-Ambala. The date, time and the subject of the thesis shall be notified to the teachers, including the Supervisor and the research students of the Department/Institute who shall be permitted to be present at the time of the Viva-voce examination but they shall have no right to put any questions to the examinee.

29. The candidate 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 candidate is unable to attend the viva-voce on the fixed date for any unavoidable reason, the Controller of Examinations on a request by the candidate in writing with a fee 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.

The evaluator will state categorically whether in his or her opinion:

- (i) Thesis should be accepted for the award of Ph.D. Degree;
- OR
- (ii) It should be referred back to candidate for presenting it again in revised form;
- OR
- (iii) 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.

30. The reports of all the examiners shall be placed before the **Research Degree Committee** consisting of Vice-Chancellor, Dean and Director- Principal/HOD of the Institute. 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 be revised and re-submitted for re-examination;

OR

- (c) The thesis be rejected.

31. No thesis shall be published without prior permission of the University. The research student may apply to the Dean/Director of the Department/Institute for permission to publish his/her thesis within five years from the date of award



of Ph.D. degree. The Director/HOD 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.

32. However, the Academic Council on the recommendation of the Vice-Chancellor shall have the right to withdraw the degree if plagiarism or duplication or any other form of malpractice is detected at any stage and to initiate such further action as it deems fit. Provided that the Vice-Chancellor shall get the complaint in the matter investigated confidentially and shall give the researcher an opportunity to explain before he makes his recommendation on the matter to the Academic Council. There shall be no limitation of time for this action of the Academic Council.
33. Following the successful completion of the evaluation process and announcements of the award of Ph.D., the University shall submit a soft copy of the Ph.D. thesis to the UGC within a period of thirty days, for hosting the same in INFLIBNET, accessible to all Institutions/Universities.
34. Along with the Degree, the University shall issue a provisional certificate certifying to the effect that the Degree has been awarded in accordance with the provisions of UGC regulations.

**FEE:**

35. 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 enrolment shall be cancelled without any further notice.

**FOR NRI/FOREIGN CANDIDATES:-**

- 36.1 Foreign/NRI candidates may be given admission if they fulfill other eligibility conditions and seats for them are available in the College/Department concerned. Before an NRI/foreign candidate is allowed to undertake the Ph.D programme, he/she will have to appear before the Departmental Research Committee which will adjudge his/her research aptitude and area of research.
- 36.2 A Foreign /NRI candidate seeking admission to Ph.D program will submit a brief outline of the proposed area of research alongwith the application form

for admission to Ph.D program and also two references of the rank of Professors of some University to the Head of Department/Principal of the College/Institute concerned, for consideration by the Departmental Research Committee.

- 36.3 All the recommendations of the Departmental Research Committee (**DRC**) with regard to admission of the candidates of Ph.D program in the Colleges/Departments may be placed before another Committee headed by the Vice-Chancellor which may 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) Head of Department/Principal of the College.
  - (iii) Supervisor concerned
  - (iv) Registrar – Member Secretary
- 36.4 The period of stay of two years while pursuing Ph.D program including six months' course work will be mandatory and there will be no exemption of period for Foreign/NRI research student.
- 36.5 In addition to one Supervisor, a Co-Supervisor may be picked up for offering guidance to the Research students. However, Foreign/NRI research students will be given liberty to opt one Supervisor from his own State/Country apart from one Supervisor from this University for consideration.

## **ORDINANCE – DOCTORATE OF PHILOSOPHY (Ph.D.) (Faculty of Medical Sciences)**

1. The research programme leading to the award of Degree of Doctor of Philosophy (Ph.D.) may be **undertaken in Pre & Para clinical** disciplines of **Anatomy, Physiology, Biochemistry, Pharmacology and Microbiology at the Maharishi Markandeshwar Institute of Medical Sciences & Research, a constituent Institute of this University**. More subjects can be added with required amendments to the relevant provisions wherever considered necessary with the approval of the Vice Chancellor subject to fulfillment of the requirements of the Regulating Councils. However, **no research programme for the award of Ph.D. degree shall be undertaken through distance education mode.**
2. Subject to general control of the Academic Council, research studies for Ph.D programme shall be organized by the concerned Post Graduate Board of

Studies in Pre-Clinical and Para-Clinical Sciences assisted by the respective Departments and the Institutional Research Committees (IRC).

Institutional Research Committee (IRC) will include only Professors, eligible to guide the Research students of Ph.D programme.

### **ELIGIBILITY:**

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

- (i) has passed MD/MS/PG Diploma/ M.Sc. Medical (3 years course - Faculty of Medical Sciences) in Anatomy, Physiology, Biochemistry, Microbiology and Pharmacology from the Colleges/Institutes recognized by the Regulating Body provided that the candidate with M.Sc. (Medical) of 3-years course must have passed the same with atleast 60% marks.
- (ii) has been awarded fellowship by the UGC/NCERT/ICMR/NET/ DBT or any other national scholarship awarding agency with educational qualifications as in 3.1 (i) above with at least 55% marks.
- (iii) has been working as a permanent teaching faculty in any recognized University/Institution or as a researcher in National/State level Institute/Research and Development (R&D) Laboratory for the last at least three years with educational qualifications as in 3.1 (i) above with at least 55% marks.
- (iv) In the case of NRI/Foreign candidates, they are required to have passed in the qualifying examinations of MD/MS/P.G. Diploma in the relevant subjects. The candidates of M.Sc.(Medical) are required at least 55% marks in the qualifying examination. However, the candidates, who have passed the qualifying examination from any foreign University, will have to submit equivalence certificates from the **Association of Indian Universities (AIU), New Delhi.**

### **ADMISSION:**

4.1 One PG student to be admitted against one eligible Guide/Supervisor, but not more than two candidates will be admitted to any department in an academic session of the Institute to be advertised for enrolment of research students for Ph.D. Programme.

- 4.2 While granting admissions to Ph.D. programme, national reservation policy as applicable to Self Financing Institutions shall be followed.
- 4.3 In pursuance of the Notice for admission when advertised by the University, the candidates shall apply for enrollment as Research Students for Ph.D. Programme on the prescribed form obtainable from the University. The applications received will be scrutinized by the concerned Institutional Research Committee (IRC)
- 4.4 The candidates in service shall apply through proper channel or will have to submit a No Objection Certificate from their parent Institutes at the time of appearing in the Admission Test and interview.
- 4.5 The selected candidates will be directed to deposit the Admission and other Fees as prescribed by the University from time to time and will be enrolled as research students with effect from the date(s) they deposit the fee.
- 4.6 Admission of research students to the Ph.D. Programme in pre and para clinical disciplines shall be made on the basis of the Admission Test followed by interview by the HOD of concerned department to adjudge their suitability, research aptitude, area of research etc. The HOD then will inform to concerned Institutional Research Committee (IRC). The recommendations with regard to the suitability of the research students made by the concerned Institutional Research Committee (IRC) as approved by the Academic Council shall be final.
- 4.6.1 The pattern of Admission Test and Interview will be decided by the Dean of the Faculty uniformly applicable to all the Departments from time to time.

## **COURSE WORK:**

- 5.1 The selected candidates after deposition of dues will have to undergo Course **Work of the duration of one Semester** on Research Methodology comprising Quantitative Methods and Computer Applications. It may also involve reviewing of published research in the relevant fields and will have to qualify in the examination on course work, securing at least 50% marks conducted by the University, after which they can proceed further with their research work and writing of the thesis.
- 5.2 The University can also consider to allow a research student to undergo a course work in any recognized institute either within or outside the University for which due credit may be given on merit of each case.

- 5.3 The candidates who have already qualified the **Course Work** from this University or at any other University as a part of Research degree programme can be considered for exemption from undergoing the Course Work.

### **REQUIREMENT OF STAY:**

6. Every candidate enrolled for Ph.D. programme after MD/MS **shall be required to stay at the constituent Institute of the University for at least two years.** However the candidate enrolled for Ph.D. programme after PG Diploma/ M.Sc. Medical (3 years course - Faculty of Medical Sciences) **shall be required to stay at the constituent Institute of the University for at least three years.**
7. No candidate shall join any other course of study or appear in any other examination while conducting research. The Vice-Chancellor may, however, allow a candidate to appear in an examination or to attend a course in this University, which is relevant to his/her research.

### **SYNOPSIS AND TOPIC:**

- 8.1 After the satisfactory completion of the Course Work, the candidate enrolled as Research Student shall start working on his/her Synopsis and shall submit the synopsis of proposed research programme for presentation before the concerned department. The process of approval of synopsis will be decided by the concerned Institutional Research Committee (IRC) preferably within **two months** from the date of declaration of result of the Course Work by the University to enable the candidate to proceed further with his/her Research Work. The Research student will be required to submit his/her Synopsis within one year of his/her Registration to Ph.D program. Thereafter the approval will be sent to the Academic Council of MMU for final approval.
- 8.2 The concerned Institutional Research Committee (IRC) may allow the topic of research to be modified upto one year after registration. However, the date of registration shall remain the same.

### **SUPERVISOR:**

- 9.1 A Supervisor for the Ph.D. degree shall have a recognized PG degree in the subject concerned with 15 years teaching experience out of which 10 years should be PG teaching in a recognized Medical Institution and should be below 70 years of age. Only eligible Professor shall guide the Research student.

- 9.2 The University in consultation with Dean and on recommendation of the concerned Institutional Research Committee (IRC) shall allocate the Supervisor for any research student depending on the number of students per faculty member, the available specializations among the faculty Supervisors and the research interest of the student as indicated during interview. The allotment/allocation of supervisor shall not be left to the individual student or teacher.
- 9.3 If 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 concerned Institutional Research Committee (IRC).
- 9.4 If needed, a Joint Supervisor from outside the University, can also be assigned for special knowledge in the concerned area provided he/she is eligible to be appointed as Supervisor as per provisions under Clause 9.1 above and consents to guide the candidate. The topic and Supervisor will finally be approved by the Academic Council.

### **PROGRESS OF RESEARCH WORK:**

10. Upon satisfactory completion of the Course Work (on Research Methodology, etc) which shall form part of the Ph.D. programme, the Ph.D. scholar shall undertake research work and produce a draft thesis within the prescribed time.
11. Prior to submission of the thesis, the student shall make a pre Ph.D. presentation in the concerned Institutional Research Committee (IRC) that may be open to all faculty members and research students, for getting feedback and comments, which may be suitably incorporated in the draft thesis under the advice of the Supervisor.
12. Ph.D. student shall publish at least one research paper in a peer reviewed journal before the submission of the thesis/monograph for adjudication, and produce evidence for the same in the form of acceptance letter or the reprint.
13. Every candidate shall submit his/her thesis along with a soft copy within a period of four years, but not before three years from the date of his/her registration and two years from the date of approval of synopsis, whichever is

earlier. If a candidate fails to submit his/her thesis within a period of four years and does not apply for the 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, on yearly extension basis by the Vice-Chancellor on the recommendation of the Supervisor(s).

14. The research student shall present his/her work in **three seminars**, at least one every year, during the period of his / her research, one of which shall be presented when the Thesis is ready for submission. If the work of Research Student is found unsatisfactory at any stage as ascertained in the seminar or reported by the Supervisor(s), the concerned Institutional Research Committee (IRC) which shall give him/her an opportunity to explain his/her position and make suitable recommendation including de-registration.
15. Every research student shall also submit a yearly report on the research work done by him/her during the said period to concerned Institutional Research Committee (IRC) through his/her Supervisor.
16. 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.
17. In either, it shall evince the capacity of the candidate for critical examination and judgment. The linguistic presentation of the thesis should be of a high standard i.e. concise, laid out logically and in proper sequence, far from grammatical and typographical errors and referenced properly. No thesis shall be accepted with any kind of dedication statement.
18. The candidate may incorporate in his/her thesis the contents of any work that he/she may have published on the subject but shall duly declare this fact in the thesis. However, he/she shall not submit as his/her thesis, any work for which a degree has already been conferred on him/her by any other University.

### **SUBMISSION OF THESIS:**

19. Prior to submission of the Thesis, the Research student will inform the Head of Department/Principal of the Institute with a certificate from his/her Supervisor to this effect that his/her Thesis is ready for submission to the University. The Research student shall also certify that his/her research work done is original one and not a work already published in any Journal, duly countersigned by his/her Research Supervisor/ Guide.

20. The candidate shall submit a soft copy along with three typed or photostat copies of his/her thesis. After finalization of the award of Ph.D. Degree, one copy will be sent to the University Library and the other to the Institutional Library.

The third copy will be kept as record in the office of HOD for five years after which will also be sent to the University Library. The candidate shall also submit six copies of the summary of the thesis in about 1000 words.

21. The Ph.D. thesis shall be presented in English only, unless the topic requires it otherwise.

### **EVALUATION OF THESIS:**

22. The concerned PG Board of Studies shall draw a panel of at least six specialists from the list of proposed eligible examiners submitted by concerned HOD for appointment as examiners for each thesis. The specialists recommended, shall be either Professors or persons of eminence or persons holding equal status and their specialization shall be relevant to the topic of the thesis.

23. The thesis shall be finally referred to two examiners selected by the Vice-Chancellor from the panel drawn by the concerned PG Board of Studies. Out of the two, at least one should be from outside the state/country.

24. The examiners evaluating and recommending the award of degree may also be requested to give in their report, a set of questions which they would like to put to the candidate at the time of Viva-Voce.

25. If both the examiners recommend award of the degree, the candidate shall be examined through a viva-voce examination by one of the examiners to be nominated by the Vice-Chancellor. If both the examiners are unable or unwilling to conduct the viva-voce examination, another name will be picked up for the purpose by the Vice-Chancellor from the panel already approved by the Board of Studies.

26. If one of the two examiners rejects or recommends re-submission with some modifications, the Vice-Chancellor may refer the thesis to the third examiner out of the panel of examiners. If two out of three examiners recommend re-submission with some modifications in the thesis, the candidate shall be asked

to modify the thesis and re-submit the same only once, not earlier than six months and not later than two years after having carried out all the modifications with a certificate from the Supervisor that all the modifications have been carried out.

27. A re-submitted thesis shall be examined by the same examiner(s), who had evaluated the original thesis unless any of them is unable or unwilling to do so, in which case substitute(s) shall be appointed from the panel by the Vice-



Chancellor. The examiner(s) for the revised thesis shall see whether the objections raised have been met or not.

28. A candidate whose thesis is rejected shall not be registered again for Ph.D. degree on the same topic.
29. The Viva-Voce examination shall be conducted by the external examiner and will be held in the respective Department of the Institute at Mullana-Ambala. The date, time and the subject of the thesis shall be notified to the teachers, including the Supervisor and the research students of the Department who shall be permitted to be present at the time of the Viva-voce examination but they shall have no right to put any questions to the examinee.
30. The candidate 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 candidate is unable to attend the viva-voce on the fixed date for any unavoidable reason, the Controller of Examinations on a request by the candidate in writing with a fee 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.
31. The evaluator will state categorically whether in his or her opinion:
  - (i) Thesis should be accepted for the award of Ph.D. Degree;
  - OR
  - (ii) It should be referred back to candidate for presenting it again in revised form;
  - OR
  - (iii) 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.

32. The reports of all the examiners shall be placed before the Research Degree Committee consisting of Vice-Chancellor, Dean/Principal of the Institute and HOD concerned. 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 be revised and re-submitted for re-examination;

OR

(c) The thesis be rejected.

### **OTHER CONDITIONS:**

33. No thesis shall be published without prior permission of the University. The research student may apply to the Dean/Director of the Department/Institute for permission to publish his/her thesis within five years from the date of award of Ph.D. degree. The Director/HOD 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.
34. However, the Academic Council on the recommendation of the Vice-Chancellor shall have the right to withdraw the degree if plagiarism or duplication or any other form of malpractice is detected at any stage and to initiate such further action as it deems fit. Provided that the Vice-Chancellor shall get the complaint in the matter investigated confidentially and shall give the researcher an opportunity to explain his /her position before Vice Chancellor and recommend the matter to the Academic Council. There shall be no limitation of time for this action of the Academic Council.
35. Following the successful completion of the evaluation process and announcements of the award of Ph.D., the University shall submit a soft copy of the Ph.D. thesis to the UGC within a period of thirty days, for hosting the same in INFLIBNET, accessible to all Institutions/Universities.
36. On the Degree, the University shall give a certificate to the effect that the Degree has been awarded in accordance with the provisions of UGC regulations.

### **FEE:**

37. 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 enrolment shall be cancelled without any further notice.

## **NRI/FOREIGN CANDIDATES:**

- 38.1 A Foreign/NRI candidate seeking admission to Ph.D program in the faculty of Medical Sciences will submit a brief outline of the proposed area of research alongwith the application form for admission to Ph.D program and also two references of the rank of Professors of some University to the Head of the Department/Principal of the College/Institute concerned, for consideration by the **Institutional Research Committee (IRC)**.
- 38.2 All the recommendations of the Institutional Research Committee (IRC) with regard to admission of the candidates of Ph.D program in the Colleges/Departments may be placed before another Committee headed by the Vice-Chancellor which may 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) Head of Department/Principal of the College
  - (iii) Supervisor concerned
  - (iv) Registrar - Member Secretary
- 38.3 Initially a maximum of one seat per year per department will be reserved for NRI/Foreign candidates, who will not be required to appear in the Entrance Test and Interview. However, before an NRI/Foreign candidate is allowed to undertake the Ph.D. Programme, he/she will have to appear before the concerned departments which will adjudge his/her research aptitude, area of research, etc. The HOD will then intimate to concerned Institutional Research Committee (IRC).
- 38.4 Foreign/NRI candidates may be given admission if they fulfill other eligibility conditions and seats for them are available in the Institute/Department concerned.

# MAHARISHI MARKANDESHWAR UNIVERSITY, MULLANA – AMBALA

(Deemed University established under Section 3 of the UGC Act, 1956)

## APPLICATION FORM FOR ADMISSION TO THE Ph.D PROGRAMME

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  
a coloured  
Photograph duly  
attested and attach  
one additional copy  
thereof.

5. Name of discipline for admission to Ph.D Programme : .....

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

Male  Female  Gen  SC  BC  PH  ESM  Any other

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	Subject(s)	Maximum Marks	Marks Obtained	% Marks & Division
Matric							
10+2							
Graduation** _____							
Master's Degree** M.Phil _____							
UGC/CSIR NET/SET or GATE							
Any other** _____							

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

\*\*Mention name of the degree.

10. Basis for seeking Exemption from appearing in the Entrance Test.  
(for other than NRI/Foreigners)

Examination qualified	Name of the Examining Body	Month & Year	Supporting documents enclosed, if any.
M.Phil/NET/GATE/SLET (for Non Medical)			

11. 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					

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**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	Reasons 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 or information given by me in this form is found to be false, this shall entail automatic cancellation of my admission besides rendering me liable to such action as the University made 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 University and other 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 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 2010-11 of Ph.D. Programme, issued by the University.

**Place** .....

**Date** .....

\_\_\_\_\_  
Signature of candidate

**For office use only**

This is to certify that :

1. Basis on which the candidate is entitled \_\_\_\_\_  
for exemption in Entrance Test. \_\_\_\_\_

2. Basis on which the candidate is entitled for \_\_\_\_\_  
exemption in undertaking the Course work. \_\_\_\_\_

3. 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.)