

University Department of Interdisciplinary Research & Technology
M.Sc. Pharmaceutical Medicine Course

Advertisement for Website :-



**MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES,
MHASRUL, VANI ROAD, NASHIK- 422 004**

***Admissions open for Two Years Post Graduate Degree Course
In M.Sc. Pharmaceutical Medicine
A challenging course to reach International Platform***

Name :- Post Graduate Degree Course in Pharmaceutical Medicine
(M. Sc. Pharmaceutical Medicine)

Duration :- Two Years
Course shall be conducted by University Dept. of Interdisciplinary Research & Technology, MUHS collaboration with Seth G. S. Medical College & KEM Hospital, Mumbai (Student shall be posted for 2 terms at Nashik & for 2 terms at Mumbai)

Students will have to make their own residential arrangements.

Language of Course :- English

Eligibility :-

- a) MBBS, BDS, BAMS, BUMS, BHMS
(**Note:** Student shall have to produce University ICC along with other documents, at the time of counseling)
- b) M. Sc. (Bio-Chemistry, Microbiology, Botany, Zoology, Chemistry, Physiology, Pharmacology, Biotechnology)
- c) Pharmacy Graduates or higher (B. Pharm or M.Pharm.)

Note (for item b and c given above) : Student appeared/appearing for final year examination may be permitted to appear for entrance examination (screening test) subject to passing of the said examination successfully and obtaining degree before day of counseling)

Last date :- Last date of Submission of application form **27th May 2014**

- Degree shall be awarded by Maharashtra University of Health Sciences, Nashik
- **You are requested to download the application form & send it along with a D.D. of Rs. 600/- in favor of "Registrar MUHS, Nashik". The envelope should be super scribed with "M. Sc. Pharmaceutical Medicine - Application Form".**
- Brochure is available on the University website.(www.muhs.ac.in)

SD/-

Dr. K.D. Garkal
Registrar

Maharashtra University of Health Sciences, Nashik.
Vani Road, Mhasrul, Nashik - 422 004.

University Department of Interpathy Research & Technology
(UDIRT)

Tel. No. 0253 – 2539303, 2539298, 2539301 Fax No. 0253 - 2539298

Website: <http://www.muhs.ac.in>, **Email:** udirt@muhs.ac.in



INFORMATION BROCHURE

M. Sc. Pharmaceutical Medicine: 2014 - 2015



The University reserves right to amend, alter or repeal any of the provision at any time by publishing it on the University website. The students / candidates are required to visit the University website interminably.

IMPORTANT INFORMATION AT A GLANCE

| | | |
|---|---|-------------------|
| 1 | Date of availability of Information Brochure & Application Form | 25/04/2014 |
| 2 | Last date of submission of Application Form | 27/05/2014 |

Note : (1) Day, Date, Time & Name of the Centre of Entrance Examination.
(2) Date of Declaration of Result / Merit list/Verification
(3) Date & Venue of Selection Process (Counselling & Provisional Admissions etc. will be informed separately)

Application Form and Information Brochure for M.Sc. Pharmaceutical Medicine 2014-15

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Master of Science in Pharmaceutical Medicine

1. Introduction:-

Maharashtra University of Health Sciences, Nashik has started advanced “**Master in Pharmaceutical Medicine**” in collaboration with tertiary care teaching medical institute Seth G.S. Medical College & KEM Hospital, Parel, Mumbai and physicians of pharmaceutical industries. This course is a professional course, approved by the Govt. of Maharashtra and University Grants Commission (UGC), New Delhi. This will be a comprehensive training course in pharmaceutical medicine wherein, education will be provided by leading experienced teachers from University, pharmaceutical industries, regulatory authorities, academic researchers and research organisations. This would help students to expand, understand and able to participate in development of drug with efficacy & safety profile for marketing. Further, this course would provide education in health care sector regulatory national and international affair, legal, ethical and scientific aspects of clinical trial.



Core Curriculum for Education in Pharmaceutical Medicine : Based on International Federation of Association of Pharmaceutical Physicians (IFAPP), this programme consists of 12 modules, the nucleus of an appropriate postgraduate course in Pharmaceutical Medicine. In present curriculum there are five additional modules comprising 2 modules on development of the drug from herbal source, one module each on basic allopathic sciences, genomics-biotechnology & new drug delivery system.

Modules:-

| SN | Modules |
|----|--|
| 1 | Allopathic subjects - orientation of Pre, Para & Clinical subjects |
| 2 | Preclinical (animal) studies , safety and Toxicity Testing |
| 3 | General and Clinical Pharmacology |
| 4 | Development of Medicines & clinical trials |
| 5 | Bio-Statistics & Data Management |
| 6 | Development of drug from Herbal Source |
| 7 | Analytical Methods & QC & QA |
| 8 | Pharmaceutical Medicine (Pharmac, Perspective) |
| 9 | Discovery of New Drug (Medicine) |
| 10 | Medical Department |
| 11 | Pharmaceutical Development of drugs |
| 12 | Legal, Ethical and regulatory issues |
| 13 | Safety of Medicines and Epidemiology |
| 14 | Genomics & Biotechnology |
| 15 | Economics of Healthcare |
| 16 | Information, Promotion and Education |
| 17 | New Drug Delivery System & Other Technologies |





2. Aims & Objectives:-

- 1.To strengthen a health science discipline concerned with the discovery, development, evaluation, registration monitoring, medical aspects and marketing of Medicines for benefit of the individual patients and public health.
- 2.To familiarize students with Research Methodology (in animal and human) & develop research aptitude by encouraging them to undertake research projects (**basic** : laboratory based, **clinical** : often human research, **Epidemiological** : population based – survey and case control studies, **social or behavioral** : component of epidemiological research and **interventional studies** : to evaluate the impact of specific intervention on prevention / management of disease)

- 3.To provide a complete understanding of drug development from pre clinical to clinical stage.
- 4.To provide broad background knowledge in regulatory, legal & ethical issues
- 5.To train in biostatistics, data management, monitoring and health economics
- 6.To sharpen practical skills by training and by performing, biochemical, analytical and microbiological experiments using modern instruments.
- 7.To develop ability to work independently or work in industry, research oriented institute or in office of regulatory authorities.
- 8.To create awareness about promotion of product & marketing of drugs in National / International market
- 9.To develop scientific temper and interest by exposure through Internet, Computers, Various databases and Pharmaceutical Visits.

3. Eligibility:-

This course shall be open to students as follows:

- a) Graduates of the following systems of Health Sciences:-
MBBS, BDS, BAMS, BUMS, BHMS

(**Note:** Students Should have to produce University Internship Completion Certificate along with other documents, at the time of Counseling / Provisional admission)

- b) M.Sc. : - Bio-Chemistry, Microbiology, Botany, Zoology, Chemistry, Physiology, Pharmacology and Biotechnology

- c) Pharmacy Graduates or higher (B. Pharm or M.Pharm)

(**Note (for item b and c given above):** Students appeared / appearing for final year examination may be permitted to appear for entrance examination (screening test) subject to passing of the said examination successfully and obtaining degree before / at the time of First Counseling / Provisional admission)

4. Duration:-

Two Years (Four Terms each of six months)

Course shall be conducted by University Dept. of Interpathy Research & Technology, MUHS in collaboration with Seth G. S. Medical College & KEM Hospital, Mumbai (Student shall be posted for two terms at Nashik & for two terms at Mumbai). Students will have to make their own residential arrangements.

5. Language of Course: English

6. Total number of Seats: Sixty (60) Reservations as per State Govt. rules

7. Nature of Course: Interdisciplinary, full time course.



8. Fee structure:-

| Sr No. | Particulars of Fees | For Ist.Year in UDIRT Nashik | For IInd Year in KEM Mumbai | Remarks |
|--|-----------------------|--|-----------------------------|---------|
| (A) Non Refundable amount subject to admission cancelled based on M C Resolution No 94/2007 Dt.6/10/07 | | | | |
| 1 | Tuition Fee | 45000.00 | 45000.00 | |
| 2 | Library Fee | 1000.00 | 3000.00 | |
| 3 | Digital Library Fee | 2000.00 | 0.00 | |
| 4 | Workshop Fee | 2000.00 | 2000.00 | |
| 5 | Eligibility Fee | 5500.00 | 0.00 | |
| 6 | Laboratory Fee | 5000.00 | 10000.00 | |
| Total No 1 | | 60500.00 | 60000.00 | |
| (B) Refundable Amount after completion of Course, subject to following conditions | | | | |
| (1) Cost of Loss / Breakage / Damage of Instruments /Books /Journals etc will be deducted as per No Dues Certificate, | | | | |
| (2) If cost of Instruments /Books /Journals is more than deposit/Caution Money, then entire remaining amount will be recovered in lump sum from Student. | | | | |
| (3) Degree/Transfer Certificate will be issued to the student, only after recovery of Instruments /Books /Journals etc. | | | | |
| 7 | Library Deposit | 5000.00 | -- | |
| 8 | Caution Money | 5000.00 | -- | |
| Total No 2 | | 10000.00 | -- | |
| (C) Cost of Log Book/I.Card recoverable from student, based on the rates obtained from Market for one time | | | | |
| 9 | Cost of Identity Card | Actual cost of I.Card and Log Book based on the rates obtained from market, will be recovered equally from admitted students during first year | | |
| 10 | Cost of Log Book | | | |



- ❖ Students will have to pay examination fees and any other fees as and when made applicable.
- ❖ All fee concessions given by government, such as free ship / scholarship / PTC etc. are admissible subject to receipt of grants from concerned departments / authorities, if applicable.
- ❖ Student will have to pay total amount of fee (as mentioned above) for both the years before commencement of the academic year.
(Procedure regarding mode of payment etc. will be intimated in Screening test letter.)
- ❖ Partly payments of the fee are not acceptable.

9. Refund of the Fees:-

- The candidate who has confirmed his / her admission may cancel admission by submitting an application and may request for the refund of fees. The refund of fees to candidates admitted for the M.Sc. (Pharma. Med.) Course shall be made after deduction as under.

| SN | Period of Cancellation | Permissible Deductions |
|----|---|------------------------|
| 1. | Within 15 days from the date of Admission | Rs. 10,000/- |
| 2. | Within 30 days from the date of Admission | Rs. 20,000/- |
| 3. | After 30 days from the date of Admission | No refund. |

The amount of entire fees for the second year shall be recovered from a candidate. who has passed / completed the first year of M.Sc. Pharmaceutical Medicine but does not take admission to the second year.

The library deposit and caution money shall be refunded after successful completion of the course. Any damage, breakage or loss during use or custody of student shall be recovered at the student's expense.

10. Application Form & Information Brochure:-

1. Information Brochure along with blank Application form is available on the University website (<http://www.muhs.ac.in.com>). The candidates are requested to download the application form and send it along with a **D.D. of Rs. 600/- in favour of "Registrar, MUHS, Nashik"**. D.D. should be drawn on any Branch of Nationalized bank payable at Nashik. ***The envelope should be superscripted with "M.Sc. Pharmaceutical Medicine - Application form"***.

2. The application form must be filled by the candidate in his / her own handwriting using black ball point pen and submit it on or before last date of submission of the application forms on the following address:

**The Registrar,
Maharashtra University of Health Sciences,
Vani Road, Mhasrul, Nashik - 422 004.**

An incomplete application form will be rejected.

3. Following attested photocopies are required to be submitted along with the application form strictly in given order:

1. Nationality Certificate OR Valid Passport
2. SSC Board Certificate or Birth Certificate (Certificate of age)
3. HSC Mark sheet
4. Equivalence Certificate from A.I.U. for NRI (if applicable)
5. Physical fitness Certificate
6. Bonafide Certificate from Dean / Principal of the college (if applicable) OR Gap affidavit on stamp paper of Rs. 20/-
7. College leaving Certificate (Transfer Certificate)
8. Internship Completion Certificate (if applicable)
9. First to Final Year Degree Mark sheet & P.G. Degree Mark sheet (Mandatory) in case of candidates having P.G. Degree
10. Degree Certificate / Passing Certificate.
11. Registration Certificate from council (MMC, State Council, MCI, DCI, CCIM, CCH)
12. Certificate of additional Qualifications.
13. Affidavit for change of Name (Marriage Certificate/ Copy of Govt. Gazette.....if applicable)
14. Caste Certificate (if applicable)
15. Caste Validity Certificate (if applicable)
16. Latest Non-Creamy layer certificate (if applicable)
17. Migration certificate issued by respective Board / University (if applicable)

4. Scrutiny committee shall be appointed for scrutiny of application forms.



11. Scheme of Entrance Examination (screening test):-

Syllabus & Rules for Entrance Examination.

Multiple choice questions shall be based on **the General knowledge related to health sciences.**

- Students have to appear for objective type Entrance Examination.
- The examination will be conducted at Nashik.
- Date of Examination, Time & Venue shall be informed on University web site.
- Language of entrance examination shall be English.
- The examination shall consist of multiple choice question paper of 100 marks containing 50 questions, and duration of examination shall be one hour.
- The candidate will be required to mark the correct answer by black / blue ball point pen in the given objective question booklet.
- Each correct answer will be given two marks. There shall be no negative marking.
- Scratching, overwriting, multiple answers and hand written answer will be considered as wrong answer and no marks will be allotted to them.

12. Preparation of Merit list:-

Merit list shall be prepared of only those candidates securing 50% or more than 50%. Marks in Entrance Examination (Screening Test) in case of open category and 40% or more marks in case of reservation category. The said merit list can be operated for the process of provisional admission.

Tie-Breaker

In case of equal marks in Common Entrance Test the following procedure shall be adopted for deciding the merit

First level

The candidate with more aggregate marks (converted into percentage upto 2 decimal points) at HSC.

Second Level

The candidate with more aggregate marks (converted into percentage upto 2 decimal points) at Final year examination of the respective course.

Third Level

If the tie still persists then an older candidate will be preferred over the younger candidate.





13. Selection Process:-

- The **eligible** candidate will be called for interview as per category wise merit list.
- Date of **counseling / Provisional admission** will be informed on the web site.
- The allotment of seats shall be made to the successful candidate as per merit list. Merit list will be prepared in accordance with the State Govt. rules / norms.
- The candidate, who will not appear for the interview on the notified date in person, his/her selection shall be considered as cancelled and such candidate shall lose his/her seat.
- Eligibility of candidate will be finalized after verification of all original documents **submitted by the student**.
- The candidate is required to take **provisional** admission on the date of counseling and he/she has to pay the fees as mentioned in point no.8.
- Seats that have been fallen vacant; shall be filled in subsequent rounds and will be displayed on the Notice board of UDIRT and the official website.
- **Decision of selection committee and conditions mentioned in this brochure shall be final and will be binding on the candidates.**

14. Disqualification for Admission:-

- A candidate who has already taken admission in to P.G. course in other subject or faculty will not be eligible for admission.
- Selected candidates who have cancelled their admission or do not take admission within stipulated period they shall not be eligible for admission in future.
- A candidate who has failed to submit above mentioned documents (Point No. 10(3)) will not be eligible for admission.
- Failure of the candidate in making full and correct statements in the application form and / or suppression of any information would lead to disqualification of the candidate. Such a candidate will be debarred from the entire selection process.
- **The dispute arising out of the selection procedure and admission shall be subject to the jurisdiction of Hon'ble Mumbai High Court.**

15. Attendance:-

80% attendance is compulsory failing which students will not be allowed to appear for the examinations. Doctor's certificate is necessary if absence is due to illness.

16. Accommodation:-

Students have to make their own residential arrangements when they are posted in Nashik & Mumbai.

17. Conduct of Course:-

- The Candidate admitted in this fulltime course shall have to remain present in institute for full day.
- The candidate admitted in this course will not be allowed to work in any other institute or will not be allowed to work as a medical practitioner part / full time.
- The student while studying in this PG course, if found indulging in antinational activities, unlawful activities or ragging in any form, will be liable to be expelled from the department by the competent authority.
- It is responsibility of each student to have proper documents.



18. Certificate:-

After successful completion of the course, the candidate shall be awarded the Degree of **"M.Sc. Pharmaceutical Medicine"** by Maharashtra University of Health Sciences, Nashik.



19. Teaching Schedule and Evaluation:-

First Year examination shall be Internal Examination, conducted by the University Department of Interpathy Research & Technology at Nashik. Final examination shall be conducted at the end of second year at Mumbai. Both examinations will be consisting of Theory, Practical & Viva Voce.

i) Study Period :

- Two years Degree Course comprising of **4 Terms**.
- This course will run in rotation - Ist and IInd Term at MUHS, Nashik (Ist year)
- IIIrd and IVth Term at K.E.M. Hospital, Mumbai (IInd year)

ii) Lectures & Seminars :

- Lectures on course orientation and basic training in allopathic Pre, Para and Clinical subjects.
- Lectures in modular form
- Seminar presentation: - Individual and in a group.



iii) Practical & Syllabus:

- A : Case studies**
B : Shorts Projects
C : Demonstrations
D : Exercises

A : Case Studies: At least 20 Cases.

| SN | CLINICAL CONDITIONS |
|----|---|
| 1 | Acid peptic disease |
| 2 | Hepatitis |
| 3 | Cirrhosis of Liver |
| 4 | Bronchial asthma |
| 5 | Ischemic heart disease |
| 6 | Hypertension |
| 7 | Congestive cardiac failure |
| 8 | Nephritis |
| 9 | Enteric Infections |
| 10 | Rheumatoid Arthritis & Gout |
| 11 | Epilepsy |
| 12 | Parkinson Disease |
| 13 | Sleep Disorders |
| 14 | Malaria |
| 15 | Tuberculosis |
| 16 | MDR Tuberculosis |
| 17 | Urinary tract Infection |
| 18 | Hyper/Hypo Thyroidism/ Goitre |
| 19 | Diabetes |
| 20 | Osteoporosis |
| 21 | Piles/Fissures/Fistula |
| 22 | Hernia |
| 23 | Anemia: iron deficiency, hemolytic& megaloblastic |
| 24 | Skin conditions Acne, Psoriasis/ Dermatitis |
| 25 | O.P.C Poisoning / Alcoholic Intoxication |
| 26 | Viral diseases (measles,chicken pox,polio etc) |
| 27 | Malnutrition |
| 28 | Dehydration |
| 29 | Meningitis |
| 30 | Rickets |



B : SHORT PROJECTS : Group of 5 students

| SN | TOPIC |
|----|---------------------------------------|
| 1 | Drug Utilization Study |
| 2 | Prescription Audit |
| 3 | Cost of Therapy |
| 4 | Rational use of drugs |
| 5 | Assessment of QOL |
| 6 | ADR Monitoring |
| 7 | Survey |
| 8 | Assessment of package insert |
| 9 | Pros & Cons of Fixed dose combination |
| 10 | Clinical Project |





C : Demonstrations: BATCH OF 15 STUDENTS

| SN | TOPIC |
|-----------------------------|---|
| Ist Year | |
| 1 | Disintegration time |
| 2 | Dissolution Time |
| 3 | Demonstration of drug contamination by TLC |
| 4 | Chemical tests :a)Limit tests for As, Pb ,Iron, Silver, Chloride. |
| 5 | For identification of metals b) Tests for heavy metals, mercury |
| 6 | Extraction of drug from herbal source(Soxhlet apparatus) |
| 7 | Plant raw material standardization |
| 8 | Demonstration of Phk data analysis manual method |
| 9 | Qualitative assays : Colorimeter Estimation |
| 10 | Quantitative assays: Glucose Estimation |
| 11 | Dosage forms |
| IInd Year | |
| 1 | Pharmacodynamic effect of drug: B blocker, diuretics |
| 2 | Animal Studies: Biological and toxicological screening for extracts and formulations. |
| 3 | Estimation of antiepileptic drugs |
| 4 | Estimation of Lithium |
| 5 | Finger printing herbal extract |
| 6 | Pkt analysis by computer |

D : EXERCISES

| SN | TOPICS |
|----|---|
| 1 | Preparation of protocol for animal studies |
| 2 | Calculation of human dose from animal data |
| 3 | Writing Protocol for Phase I Study |
| 4 | Preparation of case record form |
| 5 | Preparation of patient information sheet |
| 6 | Preparation of Consent form |
| 7 | Calculation of Sample Size |
| 8 | Selection of Statistical tests for given data & calculation |
| 9 | Preparation of SAE form |
| 10 | Exercises on ethical issues |
| 11 | Analysis of Phk data (Trapezoidal Method) |
| 12 | Preparation of package insert |
| 13 | Report writing |
| 14 | Comments on combination preparation |
| 15 | Critical evaluation of a published paper |



- ❖ Each student shall maintain a log book
- ❖ Case studies, Short projects and Exercises will be conducted in civil hospital, Nashik, in morning session between 10.00 am to 12.00 noon every day.



20. Scheme of Examination:-

Degree of M.Sc Pharmaceutical medicine will be conferred to a student who succeeds in University examination by obtaining 50% marks in each heading.

- Written examination : Eight papers, 75 Marks for each paper---- **(600 Marks)**
Eight papers at the end of fourth term (after completion of second year).
- Practical examination+ Log book + Attendance..... **(150 + 50 = 200 Marks)**
At the end of fourth term (after completion of second year)
- An oral Examination: **(100 Marks)**
At the end of fourth term (after completion of second year)
- Project work : Short Project **(40 Marks)**
Project work : Long Project **(60 Marks)**
Project work will start from second term & should be submitted 6 weeks prior to final examination.
Project work shall be evaluated by internal examiner & external examiner at the time of viva examination.
- Student should carry a copy of project work and log book at the time of practical examination.
- There will be two heads of passing i.e. theory papers and practical (practical includes practical examination, log book, attendance, oral & project) separately 50 % passing under each theory paper and practical.

Nomenclature of Papers & Marks:-

| Year | Paper | Nomenclature | Marks per Paper |
|--------------------------------------|------------|---|-----------------|
| M.Sc. 1st Year | I | BASICS OF ALLOPATHIC SUBJECTS, DRUG DEVELOPMENT : PRECLINICAL 1. Allopathic Subjects-orientation of pre, Para & clinical 2. Preclinical (animal) studies, safety and Toxicity Testing 3. General Pharmacology | 75 |
| | II | CLINICAL PHARMACOLOGY & DRUG DEVELOPMENT : CLINICAL 4. Development of Medicines, Clinical Trials & Clinical Pharmacology | 75 |
| | III | BIOSTATISTICS & DATA MANAGEMENT 5. Bio-Statistics & Data Management | 75 |
| | IV | APPLIED ASPECTS OF DRUG DEVELOPMENT 6. Development of drug from Herbal Source 7. Analytical Methods & QC & QA | 75 |

| Year | Paper | Nomenclature | Marks per Paper |
|-----------------------------------|-------------|--|-----------------|
| M.Sc. IInd Year | V | DRUG DISCOVERY, MEDICAL DEPARTMENT AND PRE CLINICAL PHARMACEUTICAL DEVELOPMENT 8. Pharmaceutical Medicine (Pharmac. Perspective) 9. Discovery of New Drug (Medicine) 10. Medical Department | 75 |
| | VI | LEGAL, ETHICAL & REGULATORY ISSUES 11. Pharmaceutical Development of drugs 12. Legal, Ethical & Regulatory issues | 75 |
| | VII | DRUG SAFETY, EPIDEMIOLOGY & GENOMICS 13. Safety of Medicines and Epidemiology | 75 |
| | VIII | DRUG DEVELOPMENT, HEALTH ECONOMICS AND MARKETING 14. Genomics & Biotechnology 15. Economics of Health Care 16. Information, Promotion & Education 17. New Drug Delivery System & other Technologies | 75 |

21. Project Work:-

Clinical Project, Laboratory, Animal, Epidemiological Project (Students has to submit the project report six weeks prior to second year theory examination)



GUIDELINES TO CARRYOUT PROJECT WORK

- 1) The main purpose of introducing Project work at 2nd year of M.Sc Pharmaceutical Medicine is to make the students familiar with research methodology i.e. reference work, experimental work, designing of protocol, randomization, consideration of risk benefit ratio, subjects rights & confidentiality, ethical & legal issues, statistical analysis, RF preparation, correct data entry, interpretation of results, and writing project report with bibliography. Writing references uniformly in standard accepted order.
- 2) Each student shall complete a small research project during 2nd year. However selection of topic, initial reference work shall be initiated from 2nd term of 1st year.
- 3) The project should contain about 75 to 100 pages and should be divided into following parts:-

- A) Certificate of completion of project work from the HOD
- B) Acknowledgement if any
- C) Introduction
- D) Review of literature
- E) Aims & Objectives
- F) Rationale of the study
- G) Plan of work
- H) Material & Method
- I) Results
- J) Discussion
- K) Bibliography



- 4) The project should be submitted 6 weeks prior to 2nd year written examination, as same will be assessed by both Internal and External Examiners.
- 5) The project may be based on the collection of data by clinical study, laboratory study, animal study, epidemiological study.
- 6) All source documents, rough drafts, original data entry papers etc should be preserved till declaration of final university results.
- 7) Project work shall be evaluated by internal examiner & external examiner at the time of viva examination.



22. Future Prospects:-

This course will help the candidate to develop career & choice in future in the sphere of pharmaceutical companies, regulatory bodies, research organizations. Further, this course will also be useful in starting an independent contractual research unit.

Candidates will have an excellent opportunity to acquire a University degree, which will provide a platform to step into the pharmaceutical world or enter into the field of national or international research.

23. Future Plans (UDIRT):- In coming years, UDIRT is planning to start following courses

1. Diploma in Pharmaceutical Medicine (one year)
2. Registration for Ph. D. in Pharmaceutical Medicine
3. Specialization in particular Module (Short Term Course)
4. Certificate course in Research Methodology, Clinical trial & Bio-Statistics.

24. Placement Performance: Many of our students of passed out batches have been successfully placed in renowned companies and institutions like Tata Consultancy Services LTD. (TCS), Cognizent Technologies, Wockhardt, Excel Life Sciences, Nashik, National AIDS Research Institute, Pune (NARI), Tata Memorial Hospital (TMH), Maharashtra University of Health Sciences and KEM Hospital Mumbai.

Note:

1. Tentative Schedule of admission process will be made available on University website after the last date of receipt of applications to the University.
2. During first term, admitted student has to under go Medical fitness test carried out by the UDIRT department.

For Perusal and Administrative approval please.

Sr. Clerk

Assistant Professor

Deputy Registrar

Head of Department

Registrar

Hon'ble Vice-Chancellor



MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK
University Department of Interpathy Research & Technology

Registration No

(For Office Use Only)

Category

SC

ST

VJ

NT1

NT2

NT
3

OBC

SBC

Open

PH

Application Form

**Post Graduate Course in Pharmaceutical Medicine
(M. Sc. Pharmaceutical Medicine)**

**Please affix your
recent Photograph**

I confirm my intention to attend the Study Course in Pharmaceutical Medicine. I accept the University's admission procedures and understand that the processing of personal information and documents is subject to the requirements of the data protection act.

01) Name: _____
In Capital letters Surname First name Father's/Husband's Name

02) Name in Devnagari Script: _____
Surname First name Father's/Husband's Name

03) Address for Correspondence: _____

_____ Pin Code: _____

04) Contact: Tel. No with STD: _____ **Mobile:** _____ **Email:** _____

05) Date of Birth: / / **(in Words):** _____

06) Age (as on 25/04/2014) Year/s: _____ **Month/s:** _____ **Day/s:** _____

08) Nationality: _____ **8) Religion:** _____

09) Whether belong to SC/ST/VJ/NT/OBC/SBC/Open: _____ **10) Caste:** _____

11) Sex: ☐ Male ☐ Female
(Please strike ✓ ☐ mark)

12) Marital Status: ☐ Married ☐ Unmarried
(Please strike ✓ ☐ mark)

13) Application Fee: RS.600 DD. No.: _____ **Date of DD:** _____

Name of the Bank: _____

(DD should be drawn on any Nationalised Bank in favor of "Registrar, MUHS, Nashik" and should be payable at Nashik only. **Kindly write your name and address at the back side of DD**)

14) Educational Qualification: (Mandatory to attach all necessary copies of attested mark sheets)

| No. | Exam. Passed | Yr. of Passing | Name of Board/University | Name of Insti./College | Attempts | Total Marks | Percentage |
|-----|--------------|----------------|--------------------------|------------------------|----------|-------------|------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

15) Presently Secured admission for any PG/Diploma Course (Write Yes/No):

16) Discontinued any PG admission in past: (Write Yes/No)

17) Passport No. (Non India): _____

18) Language Known:

Read

Write

Speak

19) Any other information, which you would like to provide: _____
(Please attach separate sheet, if necessary) _____

DECLARATION

I hereby declare that I have not taken admission in any other Post Graduate Degree / Diploma course during this year & not in previous year in MUHS or in any other University. I further declare that, if it is proved that I have secured admission for any of the PG course presently and / or discontinued admission in past, MUHS has full right to cancel my current year's admission without refund.

The information furnished by me is correct and true. If any information submitted here is incorrect, untrue or fraudulent, I understand that I am liable for Civil / Criminal action by the Authority.

Place: _____

Date: _____

Signature of Applicant

Note:

- 1) Please attach all **attested Photocopies** of the documents along with the application form.
- 2) Incomplete application will be rejected immediately and no correspondence will be entertained on this behalf.