



Maharashtra University of Health Sciences (MUHS), Nashik.
Vani – Dindori Road, Mhasrul, Nashik - 422 004.

Website: <http://www.muhs.ac.in>

INFORMATION BROCHURE

2017-2018

Post Graduate Courses Conducted by University



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.

Application Form and Information Brochure 2017-2018

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List of Post-Graduate Courses Conducted by University

Sr. No.	Name of Course	Course Conducted at	Start Year	Contact Details
1.	Master of Science in Pharmaceutical Medicine	URD, MUHS, Nashik	2007	Tel. No. 0253 – 2539298, 2539108, 2539301, 2539303 Fax No. 0253 – 2539298/9403663350 Mob:- 7757008164 Email: urd@muhs.ac.in
2.	MBA (Health Care Administration)	MUHS Regional Centre, Pune	2011	Tel. No. 020-29704023/24 Mob:- 9623018178/7350162421 Email: rc_pune@muhs.ac.in : shca@muhs.ac.in
3.	MBA (Health Care Administration)	Ashoka Institute of Healthcare , Ashoka Marg Wadala, Nashik	2016	Tel. No. 0253-6649524 Mob:- 7720099856 Email: mbahca@aef.edu.in
4.	MBA (Health Care Administration)	ARMJET Biz School, 106/ 124 Wardhman Complex , Gokul Nagar, Thane (W)	2016	Tel. No. 022-40244310 Mob:- 7507692900 Email: muhs.mbahca.armiet@gmail.com
5.	Master of Public Health (Nutrition)	MUHS Regional Centre, Pune	2012	Tel. No. 020-29704023. Mob:- 9960255611/7350162421 Email: rc_pune@muhs.ac.in : gibn@ muhs.ac.in

Note: The guidance regarding recognition of the AICTE for the centers at serial no. 3 & 4 has already been solicited and the decision of the AICTE/University shall be applicable. The admissions of the said centers shall be subject to the decision of the appropriate authorities including AICTE, Admission Regulatory Authority and State Government.

IMPORTANT INFORMATION AT A GLANCE

Calendar for Admission Procedure 2017-18

1	Date of availability of application forms on MUHS website	07/06/2017
2	Last date of submission of Online forms	30/06/2017
3	Last date of submission of hard copy of Online forms along with self-attested Photo Copy of necessary documents to the university.	07/07/2017
4	Scrutiny of the applications	10/07/2017 to 15/07/2017
5	Issue of Admit Cards for CET	17/07/2017 to 21/07/2017
6	Date and Time of CET Test	30/07/2017 at 11:00 am
7	Publications of General Merit List	10/08/2017
8	Counseling & Admission	18/08/2017 to 22/08/2017
9	Waiting List or subsequent round	Will be Published on MUHS Website later
10	Reporting of admitted students at respective course site	28/08/2017
11	Course start date	01/09/2017
12	Admission Cut-Off date	a) MBA(HCA) b) MPH (N) c) M.Sc. (Pharma. Med) } 30.9.2017

Note: Self attested photocopies of Certificates / Documents to be attached with the application form. All the original documents and two set of attested photocopies should be brought and submitted (if selected) at the time of counseling.

Post-Graduate Courses Conducted by University

Introduction:-

1.1 Master of Science in Pharmaceutical Medicine-

Since last 11 years, MUHS, Nashik is Conducting “Master of Science in Pharmaceutical Medicine”. Pharmaceutical medicine is the medical scientific discipline concerned with the discovery, development, evaluation, registration, monitoring and medical aspects of medicines for the benefit of patients and the health of the community. 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 Pharmaceutical Industry, Regulatory Authorities, Academic Researchers and Research Organizations. 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.

1.2 MBA (Health Care Administration) -

Healthcare is one of the fastest growing fields and is the third largest service sector in India. The industry is emerging as one of the promising sectors in the economy. Existing healthcare organizations are expanding by opening hospitals in new service areas and new organizations are entering with latest Technology and Marketing Strategies. Besides, India is also eyeing the global Healthcare market to emerge as one of the possible destinations for international patients.

According to Price Water House Coopers in its report, 'Healthcare in India: Emerging market report', revenues from the healthcare sector account for 5.2 percent of the GDP, making it the third largest growth segment in India. To meet this demand for healthcare services and infrastructure, the country needs US\$ 50 billion annually for the next 20 years, says a CII study. India needs to add 2 million beds to the existing 1.1 million by 2027, and requires immediate investments of US\$ 82 billion.

An explosion of Technology has occurred that will require managers to have a new set of skills, coupled with knowledge of traditional healthcare organizations. The educational programme in HealthCare Administration aims to impart the knowledge of basic as well as specific areas of

management to professionals responsible for management of healthcare service. To meet the educational challenges of this rapidly evolving field, the Healthcare Administration programme provides students with a managerial and technical foundation for careers in consulting, Medical Products, Pharmaceuticals, Biotechnology, Financial Services, Venture Capital, Healthcare Systems, Health Plan Management and Insurance, IT Sector, Associations and Government.

1.3 Master of Public Health (Nutrition) -

MPH (Nutrition) is an intensive two-year course designed to provide an excellent grounding in Public Health Nutrition to strengthen each learner's knowledge and skills contributing to the development of a cadre of public health nutrition professionals. It has been designed with an inherent recognition that individuals admitted to this program have prior and current experience in the health and nutrition sectors. The program is divided into classroom-based course work and field-based practical experience in Public Health Nutrition. The exit competency of the program allows the individuals to demonstrate their proficiency and mastery of the program competencies in the real-world application in the form of a facility and community based project. The project assignment is to be undertaken as a core part of the course curriculum.

The course provides systematic coverage of major topics in the area of Public Health Nutrition based on international standards. It is appropriate for those who want to pursue a career in the area of Public Health Nutrition. The course is designed based on latest international evidence and standards in Public Health Nutrition.

The course curriculum is designed with technical support from UNICEF, and experts in Public Health Nutrition belonging to academia and medical education.

2. Aims & Objectives:-

2.1 Master of Science in Pharmaceutical Medicine-

- a) To strengthen various health science disciplines concerned with the discovery, development, evaluation, registration monitoring, medical aspects and marketing of Medicines for benefit of the individual patients and public health.
- b) 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).
- c) To provide a complete understanding of drug development from pre clinical to clinical stage.
- d) To provide broad background knowledge in Regulatory, Legal & Ethical issues.
- e) To train in Biostatistics, Data Management, Monitoring and Health Economics.

- f) To sharpen practical skills by training and by performing biochemical, analytical and microbiological experiments using modern instruments.
- g) To develop ability to work independently or work in industry, research oriented institute or in office of regulatory authorities.
- h) To create awareness about promotion of product & marketing of drugs in National/ International market.
- i) To develop scientific temper and interest by exposure through Internet, Computers, Various databases and Pharmaceutical Visits.



2.2 MBA (Health Care Administration) -

- a) To prepare dynamic, young, creative and highly qualified managers and administrators for efficient management of Hospitals and Healthcare organizations by applying modern management techniques.
- b) To impart necessary knowledge and skills with practical orientation and help formulate strategies for more efficient management of super-specialty hospitals, especially in highly competitive corporate and private sector.
- c) To provide knowledge, vocabulary & advanced skills concerning all areas of the healthcare delivery system to make administrators proficient and creative, under any challenging situations.
- d) To impart to students theoretical background of those academic disciplines which are related to the field of management in general and those specific to hospitals and Healthcare organizations.
- e) To develop leadership skills in students through understanding of organizational and community problems, human psychology, organizational behavior and global trends
- f) To inculcate in students a strong desire for learning and an urge for research in the field of management, through involvement in the actual healthcare administration practices.
- g) To plan for and to co-ordinate appropriate hospital service development within the hospital to be responsible for all departments, including the quality of care given therein.

- h) To monitor the quality of care given therein and prepare strategic business and finance plans for the department and to ensure implementation of such plans within the allocated financial resources.

2.3 Master of Public Health (Nutrition) -

- a) To provide a sound understanding of the science of nutrition and public health.
- b) To provide advanced knowledge and skills in Public Health Nutrition.
- c) To provide a scientific basis for assessment and management of nutritional problems of vulnerable Populations.
- d) To build capacities to undertake research projects in the area of Public Health Nutrition.
- e) To enhance knowledge and skills for improved program planning, management and evaluation of programs in a Public Health Nutrition setting.



3. Eligibility:-

3.1 Master of Science in Pharmaceutical Medicine -

Course	Eligibility Criteria
<p>Master of Science in Pharmaceutical Medicine</p>	<p>a) <u>All Health Science Graduates</u> i.e. (MBBS/BDS/BAMS/BHMS/BUMS/BPTh/BPMT/BOTH/ BASLP/PBBS (Nursing) / B. Sc Nursing) health science Degree of any Statutory University (Note:1) Those Students who are doing internship are eligible for entrance examination, provided that they produce University Internship Completion Certificate along with other documents, at the time of Counseling / on 31 august 2017.</p> <p>2) Those Students who are appearing for final year examination & those who do not have Internship training programs like (PBBS (Nursing) / B. Sc Nursing and BPMT are also eligible for entrance examination, provided that they should produce a passing certificate at the time of Counseling .</p> <p>b) B.Sc (Life Sciences): - Bio-Chemistry, Microbiology, Botany, Zoology, Physiology, Pharmacology , and Biotechnology</p> <p>c) Pharmacy Graduates (B. Pharm)</p>

Note (for item b and c): 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 Passing Certificate before / at the time of First Counseling/on 18/08/2017 to 22/08/2017.

3.2 MBA (Health Care Administration)-

Course	Eligibility Criteria
MBA (HEALTH CARE ADMINISTRATION)	<p>All Health Science Graduates i.e (MBBS/BDS/BAMS/BHMS/BUMS/BPTH/BPMT/BOTH/ BASLP/PBBS (Nursing) / B. Sc Nursing) health science Degree of any Statutory University</p> <p>(Note:1) Those Students who are doing internship are eligible for entrance examination, provided that they produce University Internship Completion Certificate along with other documents, at the time of Counseling / on 31 august 2017.</p> <p>2) Those Students who are appearing for final year examination & those who do not have Internship training programs like (PBBS Nursing / B.Sc Nursing and BPMT are also eligible for entrance examination, provided that they should produce a passing certificate at the time of Counseling .</p>

3.3 Master of Public Health (Nutrition) –

Course	Eligibility Criteria
Master of Public Health (Nutrition)	<p>All Health Science Graduates i.e (MBBS/BDS/BAMS/BHMS/BUMS/BPTH/BPMT/BOTH/BASLP/PBBS (Nursing) / B. Sc Nursing) health science Degree of any Statutory University</p> <p>(Note: 1) Those Students who are doing internship are eligible for entrance examination, provided that they produce University Internship Completion Certificate along with other documents, at the time of Counseling / on 31 august 2017.</p> <p>2) Those Students who are appearing for final year examination & those who do not have Internship training programmes like (PBBS Nursing / B. Sc Nursing and BPMT are also eligible for entrance examination, provided that they should produce a passing certificate at the time of Counseling.</p> <p>3) Preference would be given to candidate with experience in the area of Public Health/Nutrition</p> <p>4) Medical Officers in service will be considered who are granted permission through proper channel .This is job integrated course</p>

4. Course Duration:

M.Sc. in Pharmaceutical Medicine	MBA (Health Care Administration)	Master of Public Health (Nutrition)
2 Years	2 Years	2 Years

5. Language of Course: English

6. Total No. of Seats (Intake Capacity)

M.Sc. in Pharmaceutical Medicine	MBA (Health Care Administration)	Master of Public Health (Nutrition)
60	60+60+60=180	30

If the no. of eligible candidates are more and if the Govt. permits then the University may increase the no. of seats or no. of study center's.



7. Nature of Course: Interdisciplinary, full time

8. Fee structure:-

8.1 M.Sc. in Pharmaceutical Medicine -

Sr. No.	Particulars of Fees	For Ist. Year	For IInd Year
(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	6655.00	0.00
6	Laboratory Fee	5000.00	10000.00
Total No 1		61,655.00	60000.00
(b) Refundable amount			
1	Library Deposit	5000.00	--
2	Caution Money	5000.00	--
Total No 2		10000.00	--
(C)			
1	Cost of Identity Card	Actual cost of I. Card and Log Book based on the rates obtained from market, will be recovered from admitted students during first year	
2	Cost of Log Book		
(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.			

8.2 Fees for MBA (Health Care Administration) conducted at MUHS, Regional Centre, Pune

Sr. No.	Particulars of Fees	For Ist Year	For IInd Year
1	Tuition Fee	95000.00	95000.00
2	Library Fee	1000.00	1000.00
3	Computer Laboratory Fee	2000.00	2000.00
4	Workshop Fee	2000.00	2000.00
5	Eligibility Fee	9075.00	0.00
6	Laboratory Fee	0.00	0.00
Total Rs.		1,09,075.00	1,00,000.00

8.3 Fees for MBA (Healthcare Administration) conducted at Ashoka Institute, Nashik

As published by respective Institute.

8.4 Fees for MBA (Health Care Administration) conducted at ARMIET Biz School, Thane

As published by respective Institute.

8.5 Master of Public Health (Nutrition)

Sr. No.	Particulars of Fees	For Ist. Year	For IInd Year
1	Tuition Fee	40,000.00	40,000.00
2	Library Fee	1000.00	1000.00
3	Computer Laboratory Fee	2000.00	2000.00
4	Workshop Fee	2000.00	2000.00
5	Eligibility Fee	9075.00	0.00
6	Laboratory Fee	0.00	0.00
Total Rs.		54,075.00	45,000.00

- ❖ 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 etc. are admissible only after subject to approval from concerned state Government departments /authorities, if applicable.
- ❖ Student will have to pay total amount of fee (as mentioned above) for respective academic years before commencement of the respective academic year.

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 all courses shall be made after deduction as under.

Sr. No	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 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 from the student

10. Application Form & Information Brochure:-

- 1) Information Brochure along with online application form is available on the University website (<http://www.muhs.ac.in>). The candidates are requested to fill online application form. The link of online application form is available at the end of the brochure.
- 2) The candidates have to pay **application process fee Rs. 1000/-** by online payment gateway. The detail of online transaction is to be submitted along with application form and necessary documents.
The envelope should be superscripted with "University PG Course ----- Application form".
- 3) The application form must be filled online by the candidate up to 30th June 2017 and submit the print copy of the same along with self attested necessary documents on or before dt.7/7/2017 on the following address.

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

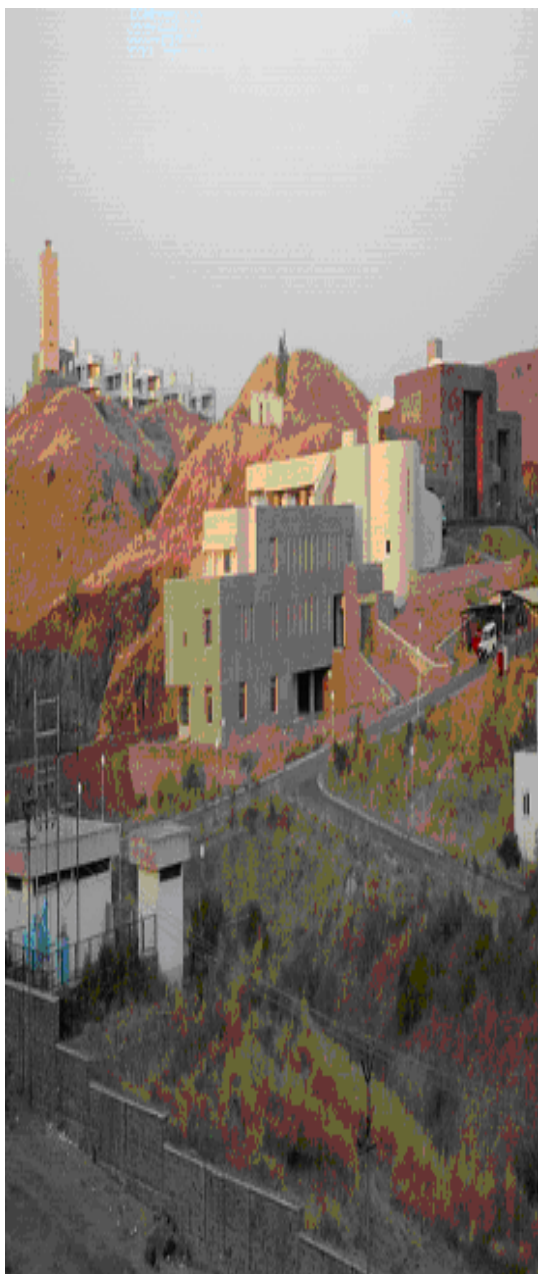
- 4) An incomplete application form will be rejected.

5) Following self-attested photocopies are required to be submitted along with the application form strictly in given order:

Sr. No	List of Documents
1.	a) Nationality Certificate issued by District Magistrate, Additional District Magistrate, Chief Metropolitan Magistrate or b) Photo copy of Valid Passport duly attested by Head of. Department or c) Domicile Certificate or d) Birth Certificate having endorsed with nationality as Indian on it .
2	Passing /Degree Certificate of qualifying examination
3.	Internship Completion Certificate (If applicable)
4.	Valid Registration certificate from the Respective Council or attach renewal receipt.
5.	Caste Certificate (If Applicable)
6.	Caste Validity Certificate (If applicable)
7	Non-Creamy Layer Certificate valid up to 31/03/2018 for the Categories VJ (A),NT (B), NT(C), NT(D), OBC, SBC caste (If applicable)
8.	College leaving Certificate (LC/TC)
9.	Attempt Certificate of all examinations in Degree course from Head of the Institute (If applicable)
10.	Gazette for change in name (If applicable)
11.	Migration Certificate issued by the respective University (If applicable)
12.	Self-Educational Gap Certificate (after qualifying Degree) Affidavit by student certified by Executive Magistrate/ Notary. (If applicable)
13.	Medical Fitness Certificate as per Brochure format.
14.	Physically Handicapped Certificate as per brochure format. (If applicable)
15.	Self declaration form for self attestation
16.	Undertaking regarding registration in voter list

Scrutiny committee shall be appointed for scrutiny of application forms.





11. Scheme of Entrance Examination Common for all post graduate courses (screening test):-

Objective type Screening test will be conducted to shortlist the applicants for all above post graduate courses.

Syllabus & Rules for Entrance Examination.

Multiple choice questions shall be based on the **General knowledge related to health sciences, Nutrition, National health policies and health programs.**

- Students have to appear for objective type Common Entrance Examination.(CET)
Applicant can choose any one of the following Examination Centre for CET, but the University can decide the examination center depending on the no. of applications received from respective Centre
 - ✓ Nashik
 - ✓ Pune
 - ✓ Aurangabad
 - ✓ Mumbai
 - ✓ Nagpur
 - ✓ Kolhapur
- Details of Date of Examination, Time & Venue shall be informed on Hall ticket provided for CET. Hall ticket will be issued online to eligible candidates on their email address provided by them.
- 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 and half 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 those candidates appearing for Entrance Examination (Screening Test). The said merit list shall be used 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:-

At the time of counseling, the candidate should bring all original documents and a set of attested copies of the same in support of claim made in application form i.e. Caste Certificate, Caste Validity Certificate, and non-creamy layer certificate.

If the matter is still pending with Hon'ble Court, candidate should submit a fresh Court order for Personal Interview failing which claim will not be granted and the candidate will be considered as General Category candidate.

13.1. For Constitutional reservation category candidates:

Reserved category candidate entitled to admission on the basis of merit in an open category seat will have the option of taking admission either against his / her respective category seat or on an open category seat.

13.2 CONDUCT AND DISCIPLINE:

- a) 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, even at later date. Such a candidate will be debarred from the entire selection process.
- b) It is responsibility of every candidate to submit proper documents. Any attempt to submit documents which are not genuine will lead to cancellation of the admission of the candidate, forfeiture of the fees, deposits and expulsion of the candidate from the college by the Competent Authority or by his authorized official. The name of such candidate/s shall be deleted from the Merit List and he/she will not be eligible for further rounds of the selection process and will be debarred from the selection process. If deemed fit even criminal proceeding may be initiated by the Competent Authority against such candidates / their parents.

- c) If any candidate / authorized representative or person accompanying is found obstructing the counseling and / or admission process, or trying to influence in unlawful manner/ creating nuisance, the candidate shall be liable for disqualification from the process of selection and appropriate legal action will be taken. The decision taken by the Competent Authority in this respect shall be final and binding.
- d) The registration once granted is valid only if the teacher and the H.O.D are satisfied about regularity, diligent pursuance of studies by the student as well as good conduct.
- e) All candidates selected for admission shall be subject to the disciplinary rules of the Institution, MUHS, Nashik, respective councils and Government.
- f) Maharashtra University of Health Sciences, Nashik shall take the decision regarding eligibility, enrolment, registration and granting of the term of selected candidates.
- g) In case of dispute in the matter of allotment of seat/course/institution or any other matter pertaining to the provisional selection or cancellation of admission, the decision of the Competent Authority shall be final and binding.
- h) **Legal Jurisdiction:** All disputes pertaining to the conduct of examination and selection process shall fall within the jurisdiction of the Hon'ble High Court, Mumbai only.
- i) Any issue not dealt here-in above will be dealt with, when arising, fully and finally by the Competent Authority. Any amendments made by MUHS/Government of Maharashtra from time to time will be implemented.

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 (5)) 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. Medical certificate is necessary if absence is due to illness.

16. Accommodation:-

Students have to make their own residential arrangements.

17. Conduct of Course:-

- The Candidate admitted in this fulltime courses shall have to remain present in institute for full day.
 - The candidate admitted in these courses will not be allowed to work in any other institute or will not be allowed to work as a medical practitioner part time / full time.
- The student while studying in this PG courses, 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. Degree Certificate:-

18.1 M.Sc. Pharmaceutical Medicine-

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.

18.2 MBA (Health Care Administration)-

After successful completion of the course, the candidate shall be awarded the Degree of "MBA (Health Care Administration)" by Maharashtra University of Health Sciences, Nashik.

18.3 Master of Public Health (Nutrition)

After successful completion of the course, the candidate shall be awarded the Degree of "Master of Public Health (Nutrition)" by Maharashtra University of Health Sciences, Nashik.



19. Teaching Schedule and Evaluation:-

19.1 M.Sc. Pharmaceutical Medicine-

University examination shall be conducted at the end of first and second year. Both examinations will be consisting of Theory, Practical & Viva Voce.

i) Study Period :Two years

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 of M. Sc. Pharmaceutical Medicine:

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



19.2 MBA (Health Care Administration) and Master of Public Health (Nutrition) -

The courses are conducted in semester pattern and divided in four semesters. University examination shall be conducted at the end of each semester. Four examinations will be consisting of Theory, Practical & Viva Voce.

i) Study Period :Two years

ii) Lectures & Seminars :

- Lectures in modular form

- Seminar presentation: - Individual and in a group.

iii) Practicals:

Short and Long Project





20. Course Advantages:

20.1 M.Sc. Pharmaceutical Medicine-

Provides insights of all sections of pharmaceutical industry-

- Medical Writing
- Medical Coding
- Pharmacovigilance
- Regulatory Affairs
- Medico-Marketing/ Affairs
- Clinical Research
- Clinical Data Management

20.2 MBA (Health Care Administration)-

- a) To prepare dynamic, young, creative and highly qualified managers and administrators for efficient management of Hospitals and Healthcare organizations by applying modern management techniques.
- b) To impart necessary knowledge and skills with practical orientation and help to formulate strategies for more efficient management of super-specialty hospitals, especially in highly competitive corporate and private sector.
- c) To provide knowledge, vocabulary & advanced skills concerning all areas of the healthcare delivery system to make administrators proficient and creative, under any challenging situations.
- d) To impart to students theoretical background of those academic disciplines which are related to the field of management in general and those specific to hospitals and Healthcare organizations.
- e) To develop leadership skills in students through understanding of organizational and community problems, human psychology, organizational behavior and global trends.
- f) To inculcate in students a strong desire for learning and an urge for research in the field of management, through involvement in the actual healthcare administration practices.

- g) To plan for and to co-ordinate appropriate hospital service development within the hospital to be responsible for all departments, including the quality of care given therein.
- h) To monitor the quality of care given therein and prepare strategic business and finance plans for the Department and to ensure implementation of such plans within the allocated financial resources.

20.3 Master of Public Health (Nutrition) -

- a) To provide the understanding of the Health science, Nutrition and public health.
- b) To provide advanced knowledge and skills in Public Health Nutrition.
- c) To provide a scientific basis for assessment and management of nutritional problems of vulnerable populations.
- d) To build capacities to undertake research projects in the area of Public Health Nutrition.
- e) To enhance knowledge and skills for improved program planning, management and evaluation of Programs in a Public Health Nutrition setting.

21. Future Prospects:-

21.1 M.Sc. Pharmaceutical Medicine-

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.

21.2 MBA (Health Care Administration)-

The career prospects for candidates opting for MBA (Health Care Administration) are excellent as it is a well-known fact that hospitals have to be managed like business organizations for creating surplus for survival and growth. Thus there is large enough scope to provide ample job opportunities in management of corporate and private Hospitals in India and abroad. MBA (Health Care Administration) degree holders will have a wide range of attractive career options to choose from the healthcare industries which are enumerated below

a) Health Care Industry:

Corporate Hospitals, Nursing Homes, Pharmaceutical Firms, Diagnostic Services, Insurance Companies and TPA Services (Operating in Health Insurance Schemes), NGOs (Operating in Health Care Sector), Health Projects in WHO and UNICEF

b) Clinical Research: Management of Clinical Research.

c) Public Health: For Medical Officers at various levels of Hierarchy.

d) Industry: Medical Tourism Industry, Consultancy Firms (Hospital - Planning & Designing), Hospital Equipment and Material Manufacturing Firms, IT Industry (Application in Healthcare Field), Wellness Industry.

21.3 Master of Public Health (Nutrition) .

The career prospects for candidates opting for MPH (Nutrition) are excellent.

1. Opportunities to work with health systems and national flagship programs.
2. Opportunities to work with national and international organizations .
3. Opportunities to work with development organizations in India and abroad.
4. Opportunities to work with medical colleges, academic institutes, private healthcare systems.
- 5.

22. Placement Performance:

Many of our students who obtained PG degree in M.Sc. Pharmaceutical Medicine, MBA (Health Care Administration), Master of Public Health (Nutrition) have been successfully placed in renowned Government institutions and Private companies.

ANNEXURE “A”

DEFINITIONS

Unless the context otherwise requires,

- a) “**Appropriate Authority**” means the Maharashtra University of Health Sciences.
- b) “**Competent Authority**” means the authority appointed by the University for the purpose of conduct of common entrance test for selection and admission to all **Post Graduate Courses**”
- c) “**Designated Authority**” means authority responsible to carry out the instructions given by the Competent Authority in respect of selection and admission process for all **Post Graduate Courses**
- d) “**Government**” means the Government of Maharashtra.
- e) “**Internship**” means the compulsory rotating internship to be completed as per rules of respective Councils and concerned University.
- f) “**Recognized Qualification**” means the qualification recognized by the respective councils and the University in the State of Maharashtra and in case of in-service candidates, a Statutory University in India.
- g) “**Registration**” means the registration of the qualification with respective Council of India
- h) “**Reservation**” means the reservation prescribed by the Government for admission to the course which includes both Constitutional Reservation for the Backward Classes & other reservations if any.
- i) “**University**” means the non-agricultural Universities constituted under the Maharashtra University Act, 1994 and/or MUHS constituted under MUHS Act, 1998

ANNEXURE "B"
CONSTITUTIONAL RESERVATION

1. Reservation for Backward class Candidates:

The percentage of seats reserved for candidates of backward class categories belonging to Maharashtra State are as per the details shown in table below. (**As per NEET- PG -2017 Information Brochure**).

Sr.No.	Type of Reservation	Percentages of Reservation
A	Scheduled Castes (SC)	13%
B	Scheduled Tribes (ST)	7.0%
C	Denotified Tribes (A) (Vimukta Jatis) (A)	3.0%
D	Nomadic Tribes (B) (NT-B)	2.5%
E	Nomadic Tribes (C) (NT-C)	3.5%
F	Nomadic Tribes (D) (NT-D)	2.0%
G	Other Backward Classes (OBC)Including (SBC)	19.0%
	Total	50.0%

2. Candidates belonging to aforesaid Backward Class categories will be required to submit the Caste Certificate and the Caste/Tribe Validity Certificate.
3. Caste certificate issuing authority: - Caste certificate stating that the caste is recognized under a particular backward class category in Maharashtra state is issued by **Sub-Divisional Magistrate/ Executive Magistrate /Metropolitan Magistrate** in Maharashtra state.
4. The Caste/Tribe validity Certificate issuing Authorities are as follows:-
 - a) For Candidates belonging to Scheduled Caste, Scheduled Caste converts to Buddhism, Vimukta Jati, Nomadic Tribes 1, 2, 3 and Other Backward Class, Caste Validity Certificate is issued by **Divisional Caste Certificate Scrutiny Committee of respective Divisional Social Welfare Office** (Konkan, Pune, Nasik, Aurangabad, Amravati and Nagpur).
 - b) For Candidates belonging to Scheduled Tribe the Tribe Validity Certificate is issued by Director/Deputy Director, **Tribe Certificate Scrutiny Committee of respective Region** (Konkan, Pune, Nashik, Aurangabad, Amravati, and Nagpur).
5. ***The candidate should have claimed the constitutional reservation in the original application form.***
The candidate claiming constitutional reservation must submit original **caste validity certificate at the time of counseling for filling preference form, failing which the category claim will not be granted.**

6. NON-CREAMY LAYER

A candidate belonging to 'Creamy Layer' amongst the categories (C) to (G) must note that the provision of reservation is NOT applicable to him/her. A candidate claiming benefit of reservation under the categories (C) to (G) above will be required to produce Non-Creamy Layer Certificate as specified in the Government resolution No.CBC-10/2008/CR-697/ VJNT-1, **dated 24th June, 2013**. The certificate should be **valid up to 31/03/2018**. The Non-Creamy Layer Certificate is issued by **Sub-Divisional Officer/Deputy Collector/Collector of the district**.

However, such a Non-Creamy Layer Certificate shall be produced in any case at the time of counseling, failing which the category claimed will not be granted.

Applicants belonging to Special Backward Class

N. B.: Hon'ble High Court Mumbai had stayed admission to SBC category as a separate quota and therefore, vide Government Circular from Social Welfare, Cultural Affairs and Sports Department No.CBC-1095/WS/264/BCD-5 dated 24th October 1995, the persons belonging to Special Backward Class (SBC) are to be considered as OBC candidates.

7. Inter-se amongst the reserved categories will be operated at the end of each admission process against the unfilled reserved categories seats as per merit and choice of the reserved categories candidates. The seats remaining vacant from various categories will be filled in during inter-se admission process as follows:

- a) From among the candidates of their respective group from the Merit List of that particular group where the vacancies exist. The groups are as follows –

GROUP-I		
i)	Scheduled Castes (SC)	13%
ii)	Scheduled Tribes (ST)	7.0%
GROUP-II		
i)	De-notified Tribes (A) (Vimukta Jati) (A)	3.0%
ii)	Nomadic Tribes (B) (NT-B)	2.5%
GROUP-III		
i)	Nomadic Tribes (C) (NT-C)	3.5%
ii)	Nomadic Tribes (D) (NT-D)	2.0%
iii)	Other Backward Classes (OBC) Including (SBC)	19.0%

- b) If the seats still remain vacant, then it will be filled, from among the candidates of all the categories mentioned above from the all categories combined merit list.
c) If the seats still remain vacant then the seats will be filled from among the candidates of the common merit list.

8. Admission under constitutional reservation seat will be governed by the Maharashtra Schedule Castes, Scheduled Tribes, Denotified Tribes (Vimukta Jatis), Nomadic Tribes, Other Backward Classes and Special Backward Category (Regulation of Issuance and Verification of) Caste Certificate Act, 2000 (Mah. Act No. XXIII of 2001).

For MBA (HCA) & M.Sc. (Pharma) BREAK-UP OF SEATS

I	Quota for Maharashtra Domicile Candidates (85%)	Percentage	Seats
A	Open Merit	50.0 %	25
B	Scheduled Castes (SC)	13.0 %	7
C	Scheduled Tribes (ST)	7.0 %	3
D	De-notified Tribes (A) (Vimukta Jati)	3.0 %	1
E	Nomadic Tribes (B) (NT-1)	2.5 %	1
F	Nomadic Tribes (C) (NT-2)	3.5 %	2
G	Nomadic Tribes (D) (NT-3)	2.0 %	1
H	Other Backward Classes (OBC) including SBC	19.0 %	11
Total		100%	51

II	Quota for Out of Maharashtra Candidates (15%)	15.0 %	9
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MPH (N) BREAK-UP OF SEATS

I	Quota for Maharashtra Domicile Candidates (85%)	Percentage	Seats
A	Open Merit	50.0 %	12
B	Scheduled Castes (SC)	13.0 %	3
C	Scheduled Tribes (ST)	7.0 %	2
D	De-notified Tribes (A) (Vimukta Jati) (A)	3.0 %	1
E	Nomadic Tribes (B) (NT-B)	2.5 %	1
F	Nomadic Tribes (C) (NT-C)	3.5 %	1
G	Nomadic Tribes (D) (NT-D)	2.0 %	1
H	Other Backward Classes (OBC) including SBC	19.0 %	5
	Total	100%	26

II	Quota for Out of Maharashtra Candidates (15%)	15..0 %	4
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From among the Quota for Out of Maharashtra Candidates if vacancies exist the seats would be distributed amongst all the categories for Maharashtra Domicile candidates according to the above mentioned reservation criteria.

ANNEXURE "C"

CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted clinical examination of **Dr./Mr./Kum.....** who is desirous of admission to **/M.Sc. Pharmaceutical Medicine/ MBA-Health Care Administration /Masters of Public Health (Nutrition)** he/she has not given any personal history of any disease in incapacitating him/her to undergo the professional course. Also, on clinical examination it has been found that he/she is medically fit to **undergo M.Sc. Pharmaceutical Medicine/ MBA-Health Care Administration /Masters of Public Health (Nutrition).**

- a) Absence of any incapacitating and /or progressive systemic disease/disorder / condition,
- b) Absence of any disability of upper limb/s,
- c) Absence of any major visual/auditory disability,
- d) Absence of psychosis/neurosis/mental retardation,
- e) Ability to maintain erect posture,
- f) Reasonable manual dexterity.

Date:

Signature:

1. Name:

2. Registration No:

3. Address of the Registered Medical Practitioner

Seal of Registered Medical Practitioner

Note:

A candidate must be medically fit to undergo **M.Sc. Pharmaceutical Medicine/ MBA-Health Care Administration /Masters of Public Health (Nutrition)** applied for. The medical fitness must be certified by a **Registered Medical Practitioner** in the prescribed Performa, as given above on a **Letter head**

ANNEXURE "D"

Physically Handicapped (PH) Reservation

- 1) As per Postgraduate Medical Education Regulation 2000 and Amendment Notification No. MCI.18 (1)/2008-Med./ 54470 Dated 25th March 2009 following is the criteria for reservation under Physically Handicapped Category "1 (a). 3% seats of the annual sanctioned intake capacity shall be filled up by candidates with locomotory disability of lower limbs between 50% to 70%.
- 2) Provided that in case any seat in this 3% quota remains unfilled on account of unavailability of candidates with locomotory disability of lower limbs between 50% to 70% then any such unfilled seat in this 3% quota shall be filled up by persons with locomotory disability of lower limbs between 40% to 50% - before they are included in the annual sanctioned seats of State Quota.
- 3) The Candidate with a disability more than 70% will not be eligible for admission to Health Sciences (Post Graduate) Courses. No other disability shall be allowed as per the MCI regulations. However, such a candidate will be required to undergo medical examination by a Special Medical Board constituted for this purpose by the Competent Authority. The Medical Board after ascertaining his/her disability must be satisfied that the candidate is physically fit to undergo the course despite his/her disability.
- 4) Candidate is required to submit the proof of his/her disability by way of a certificate (issued in year 2017) in prescribed proforma from **Civil Surgeon of a District Hospital/Medical Board/Medical Superintendent of a Government Medical College/Hospital in Maharashtra; or from the Director of All India Institute of Physical Medicine and Rehabilitation, Haji Ali, Mumbai;** (as per Prescribed Proforma) at the time of verification of disability. However, Verification of the disability will be carried out by **Special Medical Board** constituted for this purpose by Competent Authority. And decision of the **Special Medical Board will be final**. The date and place of Special Medical Board shall be communicated by the way of notification.

PROFORMA OF CERTIFICATE FOR PHYSICALLY HANDICAPPED (PH) CANDIDATE

This is to certify that after clinical examination, it has been found that **Dr./Mr./ Kum.....** who desires to pursue Post-Graduate course in **M.Sc. Pharmaceutical Medicine/ MBA- Health Care Administration /Masters of Public Health (Nutrition)** for the year 2017-2018 for claiming the benefit of seat reserved for Physically Handicapped persons is an individual withpercent **permanent/ partial** disability pertaining to locomotors disorder of the lower limbs.

- 1) It is also certified that he/she fulfils the following criteria.
- 2) Absence of any incapacitating and /or progressive systemic disease/disorder/condition.
- 3) Absence of any disability of upper limb/s.
- 4) Absence of any major visual/ auditory disability.
- 5) Absence of psychosis/neurosis/mental retardation.
- 6) Abilities to maintain erect posture.
- 7) Reasonable manual dexterity.

It is further certified that he/she is medically fit to undergo the professional training course, in-spite of his/her physical disability being diagnosed as.....

Date:

Place:

Official Seal :

Signature:

Name:

Designation:

Note:

- 1) Details of the Original documents to be submitted at the time of counseling along with two sets of self attested Xerox copies by the candidate are as follows:

MBA (HCA), MPH (N) & M.Sc. (Pharma)

LIST OF DOCUMENTS

Sr. No	List of Documents
1.	a) Nationality Certificate issued by District Magistrate, Additional District Magistrate, Chief Metropolitan Magistrate or b) Photo copy of Valid Passport duly attested by Head of. Department or c) Domicile Certificate or d) Birth Certificate having endorsed with nationality as Indian on it.
2.	Common Entrance Test 2017 Mark sheet & Selection Letter (If applicable)
3.	Passing /Degree Certificate of qualifying examination.
4 .	Internship Completion Certificate (If applicable).
5.	Valid Registration certificate from the Respective Council OR Attach Renewal Receipt
6.	Caste Certificate (If Applicable)
7.	Caste Validity Certificate (If applicable)
8	Non-Creamy Layer Certificate valid up to 31/03/2018 for the Categories DT/VJ, (A) NT-B NT-C, NT-D, OBC, SBC caste (If applicable)
9.	College leaving Certificate (LC/TC)
10.	Attempt Certificate of all examinations in Degree course from Head of the Institute (If applicable)
11.	Gazette for change in name (If applicable)
12.	Migration Certificate issued by the respective University (If applicable)
13.	Self-Educational Gap Certificate (after qualifying Degree) Affidavit by student certified by Executive Magistrate/ Notary. (If applicable)
14.	Medical Fitness Certificate as per Brochure format.
15.	Physically Handicapped Certificate as per Brochure format. (If applicable)
16.	Self declaration form for self attestation
17.	Undertaking regarding registration in voter list

Self- Declaration Form For Self Attestation

Paste recent
Passport Size
Photo

ISon /Daughter of
Shri.....agedyears
Occupation.....resident of
.....with

UID No. (Aadhar No.) hereby declare that the
copies attested by me are true copies of original documents. I am well aware of the fact that if the
copies are found to be false, I shall be liable for prosecution and punishment under Indian Penal
Code and /or any other law applicable there to.

Place :

Applicant's Signature:

Date :

Applicant's Name :

Undertaking Regarding Registration In Voter List.

प्रमाणपत्र/ हमीपत्र

मी _____

दिनांक १/१/२०१७ रोजी १८ वर्षाचा/वर्षाची झालो/झाले आहे किंवा होणार आहे. १८ वर्षे पुर्ण झाल्या बरोबर मी माझे नाव मतदार यादीत नोंदवून घेणार आहे अशी मी प्रतिज्ञा करतो/ करते. यासाठी सोबत जोडलेल्या नमूना ६, ७, ८ व ८-अ अर्जाचा नमूना व्यवस्थितपणे भरलेला आहे.

विद्यार्थ्याची सही

ANNEXURE "E"

General Instructions for filling Online Application Form

1. Applicants should have a valid Email Id and mobile number.
2. Before filling Online Application Form download Information Brochure 2017-18 and read the same Carefully.
3. The Applicants must possess the required criteria and educational qualification as mentioned in the Information Brochure 2017-18
4. Fill the Online Application Form carefully.
5. Applicants needs to send copy of Printed Application Form along with self attested necessary documents to this office.
6. Please note that if you commit any mistake in filling the online Application Form, it cannot be corrected by this office. The Office will take no responsibility of any kind for such forms.
7. For any modification in the online application, applicants have to submit OTP password after entering mobile number
8. System will not print application form unless entering basic information, Educational Qualification, Course Preferences and online application fee of Rs.1000/-

[Online Application Form](#)