



Dr. D. Y. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE
Pimpri, Pune-411018
NABH/NABL Accredited Hospital
Dr. D.Y.PATIL VIDYAPEETH, PUNE
(Deemed to be University)
(Accredited (3rd Cycle) by NAAC with a CGPA of 3.64 on a four point scale at 'A++' Grade)
ISO 9001 : 2015 and 14001 : 2015 Certified University

Master of Public Health

Course Duration :

Total 2 Years – Full time degree Course
4 Semesters of 6 months each.
Intake capacity: 10 students/Year

Eligibility :

Graduate in Health Science (MBBS, BAMS, BHMS, BUMS) Dentistry, Physiotherapy, Nursing, Pharmacy, B.Sc. in Bio - statistics, Botany, Zoology, Public Health, Biotechnology, Dairy Science, Veterinary Sciences, Home Science and Health Science.

Selection Criteria :

The admission shall be done through Entrance Test and candidates should obtain 50% marks to pass the entrance test. For the admission weight age should be given as 80% for Entrance Test and 20% for marks in graduation examination of above subjects form any Indian University or their equivalent.

Eligibility to appear in each semester university examination :

- 50% passing in theory and practical separately in the internal assessment exams.
- Minimum 75% attendance in each semester.

Examination Pattern :

Total exam of 200 Marks in each semester.

Internal 75% attendance in each semester.

University Theory examination in each semester : Total marks : 90

Theory : Three (3) Papers of 30 Marks each
Long Answer Questions – 2 x 9 = 18
Short Answer Questions – 4 x 3 = 12

University Practical Examination in each semester : Total marks : 30

Case Discussion	10 Marks
Spots	5 Marks
Health Education session in community	5 Marks
Epidemiological and bio statistical exercises	4 Marks
Grand viva	6 Marks

Student must score 50% or more in theory and practical separately to be declared as pass.

Topics	Time allotted (Theory Hours)	Time allotted (Practical/ Case Discussion/ Visits Hours)	Teaching Learning methods
Semester I			
Introduction to public health and public health system	05	15	Theory classes and visits
Concept of health and disease	10	00	Theory Classes
Epidemiology and infectious disease epidemiology, investigation of an epidemic and disease surveillance	30	120	Theory classes, field visits, participation in disease surveillance & epidemic investigation Epidemiological exercises
Screening of disease	10	60	Theory classes and practical (exercises on screening tests)
Communicable and noncommunicable diseases and national health programmes	30	220	Theory classes, visit to hospital and community cases and case discussion
Research methodology including qualitative research and biostatistics	30	170	Theory classes, practicals, workshops, hands-on practice
Semester II			
Maternal and child health	40	210	Theory classes, visits, case discussion
Geriatrics	10	40	Theory classes, visits, case discussion
Health care delivery system	30	170	Theory classes visits
Communication and health education	15	85	Theory classes, visits health education session in the community
Social and behavioral sciences	20	80	Theory classes, visits
Semester III			
Nutrition and health	40	160	Theory classes, visits case discussion
Environmental health	30	220	Theory classes, practicals visits

Population sciences	45	205	Theory classes, practicals, Visits, exercises
Semester IV			
Mental Health	20	150	Theory Classes, Practical, Visits
Health economics	30		Theory classes, problem based learning
Public health laws	50		Theory classes
National and international organization for health	10	140	Theory classes, Visits
Recent advances in public health	80		Theory classes, problem based learning
Electives	120		
Projects Report	100		Presentation submission

The following in the list of available elective subjects:

List of Electives

Epidemic & Disaster Management
Hospital Management
Monitoring & Evaluation of Health Programs
Media and Public Health
Application of GIS in Public Health

Field and outreach Activities

1. RHTC and UHTC posting
2. Visit to Subcentre
3. Visit to Public Health department
4. Visit to Tuberculosis center
5. Visit to NARI
6. Visit to water treatment plant
7. Visit to sewage treatment plant
8. Visit to public health laboratory
9. Visit to local health departments

Project activity : Every student will have to prepare a project during the course and will be eligible for the final university examination after submission of the project.

Each student will be mentored by a guide for the project. Under the guidance of the teacher the student will plan and prepare project proposal and will have to carry out the project and prepare a project report.

Regular Project progress presentations is a mandatory activity for all MPH students.

Various teaching learning activities :

Lectures, lecture cum demonstration, group discussions, seminars, journal club, case presentations, practical, field activities (surveys, outbreak investigations, surveillance), integrated teaching, short talks, hands on training of statistical packages etc.

Examination Pattern :

Total exam of 200 Marks in each semester.

Semester I

Internal assessment : Theory 60 Marks and practical 20 marks	80 marks
University Exam : Theory – 3 Paper 30 Marks each Practical 30 marks	90 marks
Practical 30 marks	30 marks

Paper I – Public Health system, concept of health & disease.

Paper II – Epidemiology and infectious diseases epidemiology, investigation of an epidemic and disease surveillance, Communicable and noncommunicable diseases and national health programmes.

Paper III – Screening of disease, Research methodology including qualitative research and biostatistics.

Semester II

Internal Assessment : Theory 60 Marks and practical 20 marks	80 marks
University Exam : Theory – 3 Papers 30 marks each	90 marks
Practical 30 marks	30 marks

Paper I – Maternal and child health, Geriatrics

Paper II – Health care delivery system, communication and health education

Paper III – Social and behavioral sciences

Semester III

Internal assessment : Theory 60 marks and practical 20 marks	80 marks
University Exam : Theory -3 Papers 30 marks each	90 marks
Practical 30 marks	30 marks

Paper I – Nutrition and Health

Paper II – Environmental Health

Paper III – Population Sciences

Semester IV

Internal assessment : Theory 60 marks and practical 20 marks	80 marks
University Exam : Theory – 3 Papers 30 marks each	90 marks
Practical 30 marks	30 marks

Paper I – Mental health and Health Economics

Paper II – National and international organization for health

Paper III – Recent advances in public health