

Doctor of Medicine (M.D.)  
in Homoeopathy in the subject  
Paediatrics

Prospectus No. 071425

संत गाडगे बाबा अमरावती विद्यापीठ

**SANT GADGE BABA AMRAVATI UNIVERSITY**

आयुर्विज्ञान विद्याशाखा

(FACULTY OF MEDICINE)

**PROSPECTUS  
OF**

**The Examination for the Post-Graduate Degree of**

**Doctor of Medicine (M.D.) in Homoeopathy in the subject  
Paediatrics  
(2006-2007)**



2006

(Price Rs. /-)

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**SANT GADGE BABA AMRAVATI UNIVERSITY**  
**SPECIAL NOTE FOR INFORMATION OF THE STUDENTS**

(1) Notwithstanding anything to the contrary, it is notified for general information and guidance of all concerned that a person, who has passed the qualifying examination and is eligible for admission only to the corresponding next higher examination as an ex-student or an external candidate, shall be examined in accordance with the syllabus of such next higher examination in force at the time of such examination in such subjects papers or combination of papers in which students from University Departments or Colleges are to be examined by the University.

(2) Be it known to all the students desirous to take examination/s for which this prospectus has been prescribed should, if found necessary for any other information regarding examinations etc., refer the University Ordinances Booklet the various conditions/ provisions pertaining to examinations as prescribed in the following Ordinances -

- Ordinance No.1 : Enrolment of Students.
- Ordinance No.2 : Admission of Students
- Ordinance No.4 : National Cadet Corps
- Ordinance No.6 : Examination in General (relevant extracts)
- Ordinance No. 18/2001 : An Ordinance to provide grace Marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting Distinction in the subject and condonation of deficiency of Marks in a subject in all the faculties prescribed by the statute no. 18 Ordinance, 2001
- Ordinance No. 9 : Conduct of Examinations (Relevant Extracts)
- Ordinance No.10 : Providing for Exemptions and Compartments.
- Ordinance No.19 : Admission of Candidates to Degrees
- Ordinance No.109 : Recording of a change of name of a University Student in the records of the University.
- Ordinance No.138 : For improvement of Division.
- Ordinance No.19/2001 : An Ordinance for Central Assessment Programme, Scheme of Evaluation and Moderation of answerbooks and preparation of results of the examinations, conducted by the University, Ordinance 2001

**Dr.P.S.Narkhede**  
 Registrar  
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**Syllabus Prescribed for  
Doctor of Medicine (M.D.) in Homoeopathy in the subject  
Paediatrics  
(with effect from academic session 2002-2003)**

**SYLLABUS OF GENERAL SUBJECTS**

**FOR REGULAR STUDENTS:**

**Syllabus for Paper I : The Man in Health (Holistic Concept) :-**

**(N.B. This Paper is common for all branches of regular M.D. Hom. Students).**

Structural, functional and psychological organization and his adaptation to the environment in health and includes an integrated study of anatomy, physiology, biochemistry, biophysics, psychology for practical application of the knowledge of clinical medicine.

**Definition of Health**

(various other definitions, definition of WHO, operational definition and new philosophy).

**Various concepts regarding health/changing concept**

(Bio-medical concept, Ecological concept, psychological concept and Holistic concept).

**Dimensions of health**

(Physical, mental, social spiritual, emotional, vocational and other concepts).

**Positive health :**

**Determinants of health**

(Heredity, environmental, life style, socio-economic, health services and other factors).

**Anatomy :**

**(It is presumed that the students of P.G. (Hom.) course have already studied Anatomy and Physiology in detailed in U.G. course. So at this level there is no need of study in minute details of those subjects. Questions should be put only on those topics having relation to various clinical and practical problems (APPLIED) in hospitals and clinics).**

1. Applied anatomy of deep cervical fascia, pectoral fascia, axillary fascia and breast (spread of infection).
2. Injury to the brachial plexus, lumbar and sacral plexus and their major branches.
3. All the major joints (Temporo mandibular, shoulder, elbow, wrist, hip, knee, ankle) shall be studied on the following points – structure of the joints and applied anatomy.
4. Inter vertebral disc, its function and applied anatomy.
5. Typical inter costal space.
6. Collateral circulation in case of obstruction.
7. Applied anatomy of lungs, pleura, pericardium and heart.
8. Structures, functions and applied aspects of liver, stomach, pancreas, spleen, kidney, support renal, intestine, anal canal, bladder, uterus, ovary, fallopian tube, testis scrotum, anterior abdominal wall, ischio-rectal fossa, importance of umbilicus, inguinal canal.
9. Lymphatic channels.
10. Thyroid, pituitary (Structure, function and applied).
11. Larynx and its applied anatomy.
12. Applied anatomy of 12 cranial nerves.
13. Dural sinuses and applied anatomy (Superior sagittal and cavernous sinuses)
14. Maxillary air sinuses and its applied anatomy.
15. Ventricles of the brain (Applied aspect).
16. Radiological study of different clinical conditions. (Practical).

**Physiology**

**(It is presumed that the students of P.G. (Hom.) course have already studied Anatomy and Physiology in detail in U.G. course. So at this level there is no need of study in minute details of those subjects. Questions should be put only on those topics having relation to various clinical and practical problems (APPLIED) in hospitals and clinics).**

1. Chemical composition of human body (Diffusion, facilitated diffusion, active transport).
2. Spleen and R.E. system (Function of spleen, lymph node, macrophages).
3. Blood (Constituents of blood/ R.B.C., W.B.C., PLATELETS, Haemoglobin, plasma protein, blood groups, and blood transfusion).
4. Heart and blood vessels (Heart rate, heart sound, cardiac out put, factors regulating blood pressure, Types of pulse, E.C.G.).
5. Respiratory system (Mechanism of respiration, regulation of respiration, lung volumes and capacities).
6. Kidney (Function of kidney, formation of urine, micturation).
7. Muscular system (Nerve muscle physiology).
8. Central nerves system : Types of receptors, types of nerve cells / fibers, synapse, reflex action, tracts, function of brain stem, cerebellum and cerebral cortex). Higher functions as memory , intelligence, behaviour and sleep).
9. Gastrointestinal system (Motility of G.I.T., Salivary secretions, gastric secretions, pancreatic secretion, functions of liver and bile).
10. Endocrine system (Various endocrine glands, hormones secreted by them and their functions).
11. Reproduction (Sex determination, role of sex hormone, ovulation, spermatogenesis, physiology of coitus and menstruation).

**Biochemistry :**

Metabolism of carbohydrate, protein and fat, sources and functions of vitamins.

**Biophysics :**

Osmosis, diffusion, ultra filtration, factors regulating PH.

**Applied Psychology :**

1. Human development: Infancy to old age, factors regulating the psychological development of a child.
2. Human information process : Attention and perception, perceptual processing, pathology of perception, memory, cognition and cognition behaviour.
3. Reflexes, instincts and their control.
4. Thinking and decision – making.
5. Physiological basis of behaviour and psychological functions : study have sympathetic and Para sympathetic nervous system, brain mechanism and behaviour arousal and sleep.
6. Emotion and psychological basis of emotion.
7. Stress emotion and illness.
8. Response to stress.
9. Will and motivation.
10. Learning mechanism and management.
11. Personality and clinical approach and management of personality.
12. Social factors and impact on behaviour.

**Integrated study of psycho-bio-social concept of man. spiritual and psychological concept as enunciated by Hahnemann and physicians of homoeopathic school. therapeutics of each and every medicine should be studied with analysis of miasmatic background.**

**Syllabus for Paper II : The man in Disease (Holistic Concept)**

**(N.B. This paper is common for all branches of regular M.D. Hom. Students)**

Structural, functional and psychological organization of the sick and his deficient adaptation to his environment and includes the study of pathology (Psychological, functional and structural deviations from the state of health), a probe in to the evolutionary phenomenon of disease paying attention to the cause effect relationship (Viz. the effects of extrinsic {Microorganisms, parasites, viruses and other stimuli} and intrinsic factors {Susceptibility based on miasms} along with their current interpretations and the abnormal expressions of the sick pervading his whole being).

**Pathology :**

1. **Concept of Disease :** Definition, Spectrum of disease.
2. **Concept of causation :**
  - i) Germ theory of the disease.
  - ii) Epidemiological triad.
  - iii) Multifactor causation.
  - iv) Web of causation.
3. **Natural history of the disease :**
  - i) Prepathogenetic phase.
  - ii) Pathogenesis phase.
  - iii) Agent factors.
  - iv) Host factor.
  - v) Environmental factor.
  - vi) Risk factor and risk groups.
4. **General Pathology :**
  - a. Inflammation and repair.
  - b. Ischemia, necrosis and gangrene.
  - c. Immunology, hypersensitivity and autoimmune diseases.
  - d. Degeneration, amyloidosis and calcification.
  - e. Neoplasm (Naming and ways of spread).
  - f. Infection.
  - g. Pigmentation and depigmentation.
5. **Systemic pathology :** A brief overview on every system not very deep studies as histopathology because it is the part of speciality. The course should include the commonly faced problems and what the clinician must know to face the situation.
6. **Virology :** Includes a very brief study on the viruses, their mode of transmission, and diseases produces by them with lab diagnosis. Very common viruses are to be studied as chicken pox, measles, rubella, mumps, influenza, hepatitis B and HIV etc.
7. **Bacteriology :** Includes a very brief study on the bacteria, their mode of transmission, diseases produces by them with lab diagnosis. Very common bacteria are to be studied as Streptococci, staphylococci, pneumococci, gonococci, mycobacterium, vibrio cholerae, spirochetes and etc.
8. **Parasitology :** Includes a very brief study on the parasites, their life cycle in the host diseases produces by them with lab diagnosis. Very common parasites are to be studied as malaria, filaria, kalaazar, intestinal worms, guinea worms, amoebiasis and etc.
9. **Clinical investigations:** Common investigations of blood, urine, sputa, stool, semen and C.S.F. A brief over view over all the ideas regarding new investigation tools.
10. **Abnormal psychology :** Basic concept with diagnosis of abnormal psychological disorders. Common psychological disorders. Anxiety neurosis, Hysteria, Depressive psychosis, manias, sexual perversions, drug addictions and alcoholism, schizophrenia and sleep disorder.
11. **Study of miasmatic back ground of the disease and its correlations :**
  - a. Clinico-pathological correlation that have made miasmatic theory applicable at bedside study. Detail view of Hahnemann, Roberts Ortega, kanjilal and Dhawale about miasmatic theory.
  - b. Understanding of susceptibility of man in health and disease.
  - c. Therapeutic of each and every medicine should be studied with analysis of miasmatic background.

**Syllabus for Paper III : History of Medicine, Scientific methodology including research methodology and statistics.**

**(N.B. This paper is common for all branches of regular M.D. Hom. students).**

**Section A :**

**History of Medicine :**

(Evolution with special emphasis on Hahnemann's contribution to medicine in general).

1. The dawn of Medicine = Prehistoric medicine, Ancient Egypt and Mesopotamia, origin of Greek medicine, Hippocrates and Aristotle and Indian medicine.
2. The heirs of Greece : The Alexandrian school, Medical training in the Roman Empire, Galen.
3. The Middle age Medicine : Byzantine medicine, the period of depression in Europe, Arabic medicine, Medieval awakening – the universities, Medieval anatomy, surgery & internal medicine. Medieval hospitals and hygiene.
4. The rebirth of Science : The anatomical awakenings, concept of disease, the rise of internal medicine.
5. The period of Consolidation : The reformation of law. The rise of clinical teaching, anatomy and Edinburgh school. Morbid anatomy becomes a science. Surgery and Obst. The beginning of Science of vital statistics. The industrial revolution, communal diseases and hygiene control and reorganization of epidemic diseases.
6. The period of Scientific subdivision : Origins and implications of scientific specialization. The revolution in preventive medicine, Physiological investigations as of respiration, circulation, the blood biochemistry. The cell theory. Establishment of the doctrine of germ theory of the disease. The revolution of surgery, bacteriology becomes a science. The study of immunity, the development of modern pathology. The rise of pediatrics, the teeth and their diseases, the history of pharmacoepias. Content of pharmacoepias. Pharmacology and scientific investigation of drug action.
7. Special emphasis on Hahnemann's contribution to medicine in general.

**Section B :**

**Basic concepts of logic scientific methodology including research methodology and Bio-statistics.**

1. Definition and scope of Statistic.
2. Source and presentation of Statistical data : Primary data – Secondary data – Classification – Tabulation – presentation of Statistical data by diagrams, graphs and charts.
3. Measures of central tendency of averages : Introduction – different averages, definition, merits and demerits, partition values, graphical locations of the partition values.
4. Measures of variation of dispersions : Introduction, definition of measures of variations, merits and demerits, coefficient of variations.
5. Correlation and regressions : Scattered diagram, correlation coefficient, rank correlation, and lines of regression coefficient.
6. Sampling theory : Introduction, advantages of sampling, principal steps in a sample survey, different method of sampling, sampling and non-sampling errors.
7. Theory of probability : Introduction, definition of various terms, law of addition probability, multiplication, law of probability, conditional probability.
8. Theoretical distribution : Introduction, binomial distribution, chi square distribution and t distribution, standard error.
9. Test of significances: Introduction, Null hypothesis, alternative hypothesis, Level of significance of test, type I error, type II error, test for single proportion, test of significance for different of proportions, test of significance for single mean, test of significance for difference of mean, Chi-square test, t test etc.
10. Research methodology : Introduction, defining the research problems, research design, epidemiological studies, clinical trials, Writing of research.

**Syllabus of special subject Paediatrics for Regular Students**

(Every system should be studied with its introduction that is normal physiology, the common signs and symptoms; the examination of the system is concerned. The DISEASE is to be studied with its differential diagnosis, complications and general as well as homoeopathic management that is Giving stress on Therapeutics shall be an essential aspect. Therapeutic of each and every medicine should be studied with analysis of miasmatic background).

**Syllabus :**

Preventive aspects of pediatrics and diseases of children including nutritional and Behavioral disorders.  
Miasmatic study of homoeopathic medicine.  
Diagnostic procedure in pediatrics.

**Practice of Homoeopathy in Pediatrics.**

- i. **Growth and development :** Introduction, factors affecting growth and development, laws of growth, impulses on acceleration of growth, periods of growth, assessment of physical growth, growth table, chart, standard, and velocity, Eruption of teeth, assessment of bone age. Behavioral development, toilet training, evaluation of behavioral development in children, developmental delay, Formal development tools.
- ii. **Adolescence :** Physiology of Adolescence, Stages of sexual maturation, health problems during Adolescence, mental health, psychological problem, juvenile delinquency, sexual abuse in adolescent.
- iii. **Disorders of growth and development:** Short stature, failure to thrive, behavioral disorder, maladjustment of child with siblings and parents, Manifestation of behavioral problems in children during infancy, breath holding spell, preschool age problem, poor school achievers, attention deficit disorders and learning disabilities.
- iv. **Nutrition and nutritional disorder :** Energy, portions, lipids, carbohydrates, fiber, minerals, trace elements, free radicals and anti oxidants, breastfeeding, feeding of infants, after the age of four months, PEM and its management and prevention.

- v. **Vitamin deficiencies** : Vit. A, B complex, C, D, E, K.
- vi. **Hematological disorder** : Anemia, its types, causes in infancy, Aplastic anemia, Myelodysplastic anemia, Defects of membrane of RBC, Defects in Hb synthesis, Thalassaemia, immune hemolytic anemia, methemoglobinemia, Disorder of WBC, Bleeding disorder, disorders associated with increased bleeding tendency, immune thrombocytopenic purpura, Platelet function disorder, plasma coagulation factor deficiencies, disseminated intravascular coagulation.
- vii. **Newborn infants** : Importance, definition, resuscitation of newborn and management afterwards, evaluation of baby, Normal full term infant, breast feeding and lactation management, Thermal protection of newborn, LBW, its feeding and management, intrauterine and perinatal infection as cytomegalo virus, herpes simplex, toxoplasmosis, congenital syphilis, neonatal sepsis (Septicemia, pneumonia and meningitis), Narcotizing enterocolitis, Tetanus, respiratory disorder, neonatal jaundice, hypoxic-ischemic-encephalopathy, neonatal seizures neonatal hypoglycemia, congenital malformations, seven point factors for management of neonates and transport of neonates, infants of diabetic mother and maternal medications and related fetal hazard.
- viii. **Clinical Immunology and infection** : Physiology of immune system, lymphocytes, humoral and antibody related immunity, cell mediated immune response, kinin cascade, phagocytosis, immunodeficiency states, intravenous immunoglobulin in pediatric practice, immunization and expanded program, Specific protection against common diseases, combined vaccines.
- ix. **Infectious diseases** : Fevers of childhood, PUO, Exanthematous illness, chicken pox, measles, erythema infectiosum, exanthema subitum, mumps, poliomyelitis, viral hepatitis A through E dengue, infectious mononucleosis, AIDS, diphtheria, whooping cough, leprosy, typhoid, tuberculosis, chlamydia infection, H. pylori, rickettsial infections, Indian tick typhus spotted fever, scrub typhus.
- x. **Protozoal and helminthic infections** : Malaria, kala-azar, amebiasis, giardiasis, amebic meningoencephalitis, Helminthic infestation as round worm, Hook worm, pin worm, trichuriasis, strongyloides, filaraisis, trichinosis, dracunculiasis, visceral larva migrans, Tenia Solium and Tenia Saginata, hymenolepis nana, echinococcus.
- xi. **Fluid and electrolytic disturbances** : Regulation of body water and electrolytes, Acid base equilibrium and disturbances of the same, shock.
- xii. **G.I. System** : Physiology of digestion and absorption, vomiting, congenital hypertrophic pyloric stenosis, Gastro esophageal reflux, constipation, Hirschsprung's disease, protuberant abdomen, abdominal pain, Diarrhoea, celiac diseases, disaccharide malabsorption. Milk protein intolerance, cystic fibrosis, disorder of the bile salts, IBD, Hepatomegaly, Indian Childhood Cirrhosis, Acute viral hepatitis, chronic liver diseases, portal hypertension, neonatal cholestasis.
- xiii. **C.V.S.** : CCF, Rheumatic fever, Rheumatic heart disease, infective endocarditis, Fetal circulation, Congenital heart disease, pericardial disease, hypertension in children, interventional cardiology.
- xiv. **Diseases of Ear, Nose and throat** : Otitis externa and media (AOM and COM), Loss of hearing, Rhinitis, sinusitis, nasal obstruction, epistaxis, chonal atresia, oral cavity and its structure, sore throat, stridorous child, tracheotomy, hoarseness in child hood, obstructive sleep apnea, disease of salivary gland, the drooling child.
- xv. **Respiratory System** : Developmental physiology of R.T., cough, dyspnea, pneumonia, ARTI, wheezing, bronchiolitis, bronchial asthma, foreign body aspiration, lung abscess, bronchiectasis, ARDS.
- xvi. **Kidney and urinary tract** : Renal anatomy and physiology, diagnostic evaluation, investigations of renal disease, haematuria, proteinuria, AGN, nephritic syndrome, HUS, CGN, interstitial nephritis, UTI, ARF, CRF, renal replacement therapy, urolithiasis, congenital abnormalities, hereditary nephropathies.
- xvii. **CNS** : Development of CNS, Approach to neurological diagnosis, Meningitis and its types, Encephalitis and encephalopathies, Reye's syndrome, LGB syndrome, Coma, SOL, hydrocephalus, myelodysplasia, convulsions, febrile convulsions, seizures, epilepsy, chorea, ataxia, infantile tremor syndrome, acute Hemiplegia of childhood, paraplegia, cerebral palsy, degenerative disorder, mental retardations, autism, neurocutaneous syndromes.
- xviii. **Musculoskeletal system** : muscular dystrophies, Pseudohypertrophic muscular dystrophy (Duchenne's and Becker type), and floppy infant, limping.
- xix. **Rheumatic disease** : JRA, SLE, Juvenile dermatomyositis, Scleroderma, MCTD, vasculitides.
- xx. **Endocrine and metabolic disorder** : DM and its complications, Diseases of pituitary gland, DI, obesity, Diseases of thyroid, adrenal, parathyroid gland, Goiter, development and differentiation of gonads, hermaphroditism, precocious puberty, delayed puberty.
- xxi. **Malignancies** : Leukemia, wilms' tumor, neuroblastoma, non-hodgkin's lymphomas, hodgkin's disease, brain tumor, bone tumors, soft tissue sarcomas, liver tumors, retinoblastoma, histiocytosis X-syndromes, supportive care.
- xxii. **Genetics** : Physiological consideration, chromosomal disorders, single gene disorders, mitochondrial inheritance, polygenic inheritance, genetic counseling, prevention of genetic disorders, skeletal dysplasias, craniofacial malformations.
- xxiii. **Inborn errors of metabolism** : diagnostic approach to neurometabolic disorders, common disorders of metabolism.
- xxiv. **Ophthalmology** : Common diseases of eye of the infants (Ophthalmia neonatorum, squint, ocular manifestations of vit-A deficiencies, etc)
- xxv. **Dermatology** : Common bacterial, viral fungal & parasitic infections/infestations of the skin, atopic dermatitis, diaper rash.
- xxvi. **Accidents & poisoning** : Basic management of poison patient, house hold poisons & its antidotes. Drowning & near drowning, burns & apparent life different life threatening events, sudden infant death syndrome.
- xxvii. **Child health programmes.**
- xxviii. **Practical pediatrics procedures.**

**Books recommended as reference books:-**

- 1] The textbook of Paediatrics by Nelson.
- 2] Essential Paediatrics by Ghai.

**E.N.T.:**

- 1] A short textbook of E.N.T. diseases by S.K. Bhargava.
- 2] Diseases of Ear, Nose & throat by Dhingra.

**Ophthalmology:**

- 1] Handbook of Ophthalmology by Chatterjee.
- 2] Modern Ophthalmology by Dutta.

**P.S.M. :**

- 1] Preventive & Social Medicine by K.Park.
- 2] Review in community medicine by V.V.R. Seshu Babu.

**Dermatology :**

- 1] Skin diseases & sexually transmitted infections by Uday Khopkar.
- 2] Dermatology & Sexually transmitted diseases by Neena Khanna.

**Statistics :**

- 1] Principle & Practice of Biostatistics by J.V. Dixit.
- 2] Methods in Biostatistics by Dr. Mahajan.

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**\* ORDINANCE NO. 24 OF 2003****EXAMINATION LEADING TO THE POST GRADUATE DEGREE IN HOMOEOPATHY IN THE FACULTY OF MEDICINE, ORDINANCE, 2003.**

Whereas, it is expedient to provide an ordinance leading to the Post Graduate Degree in Homoeopathy in the Faculty of Medicine, the Management Council is hereby pleased to make the following ordinance:-

1. This Ordinance may be called "Examination leading to the Post Graduate Degree in Homoeopathy in the Faculty of Medicine Ordinance, 2003".
  2. This ordinance shall come into force w.e.f. the Academic Session 2002-2003.
  3. This ordinance shall apply to all the examination leading to Post Graduate Degree in Homoeopathy as specified below :-
    1. Doctor of Medicine.
      - a. Organon of Medicine with Homoeopathic philosophy.
      - b. Homoeopathic Materia Medica including applied aspects.
      - c. Repertory.
      - d. Paediatrics.
      - e. Practice of Medicine.
  4. The examination leading to the Post Graduate Degree in Homoeopathy in the Faculty of Medicine (including Pharmaceutical Sciences, Dentistry & Homoeopathy) shall be held twice a year at such places & on such dates as may be prescribed by the Board of Examinations.
  5. A candidate for being eligible for admission to M.D. (Hom) Post-Graduate degree Course to the Homoeopathic Medical College affiliated to Amravati University:
    - i) He/She must have passed Bachelor of Homoeopathic Medicine & Surgery or equivalent qualification in Homoeopathy included in the Second Schedule of the Act obtained after undergoing a Course of studies in Homoeopathy of not less than 5 & 1/2 years duration including the period of compulsory internship.
- OR
- ii) must have passed Bachelor of Homoeopathic Medicine & Surgery (Graded Degree) or equivalent qualification in Homoeopathy included in the Second Schedule of the Act obtained after undergoing a Course of studies in Homoeopathy of not less than 2 years duration.
  - iii) Candidate for P.G.Course shall be selected on merit, preference may be given to a candidate who has worked in rural area for at least 2 years, in respect of one seat in each subject as per merit.
  - iv) Any Post-Graduate seats left unfilled in any academic year cannot be carried forward to the next or subsequent years.
6. The medium of instruction for the Course shall be English.
  7. Every candidate seeking admission to M.D. (Hom.) Course shall undergo a course of studies extending over a period of 3 years including 1 year of house job during which the candidate shall be a resident in the campus.
  8. The Post-graduate students enrolled for this course :
    - i) shall not be permitted to register their names simultaneously in any other degree course conducted by Amravati University.
    - ii) shall not be permitted to register their names simultaneously in Post-Graduate course in Homoeopathy or any other course in any other University.
    - iii) shall not be permitted to change from one subject to any other Subject once he/she is registered in a particular subject.
  9. i) During the course of training, the candidate should take part actively in Seminars, Group discussions, Clinical meetings, Journal Club etc.
    - a) Candidate is required to write thesis or dissertation with detailed commentary which would provide the candidate with necessary background of training in research methods and techniques alongwith the art of writing research paper and making use of library.
    - b) Candidate shall be in the campus and shall be given added responsibility in the management and treatment of patients entrusted to his/her care.
    - c) The candidate should participate in the training and teaching of undergraduate students and interns.
  10. i) The candidate pursuing a post graduate degree course should work in his/her concerned department of the institution for the entire period of the course as a full time student.
    - ii) The candidate should have an attendance of not less than 80 % in Seminars, group discussions, clinical meetings, journal club, hospital posting etc.
    - iii) Each candidate should present their papers in seminars & symposium and also present cases in clinical meeting held during the course of training.

11.
  - i) The college should fulfill the minimum requirements as prescribed in the Homoeopathy (Minimum standards of Education) Regulation, 1983 for undergraduate training.
  - ii) The College shall obtain necessary evaluation and approval from the Central Council of Homoeopathy before starting M.D. Course.
  - iii) The college shall have a department of the concerned speciality and shall also have the following additional staff :
    - a) One full time-Professor in the department of speciality.
    - b) One Reader/ Assistant Professor.
    - c) Staff such as Attendant, Technician etc., as deemed necessary depending upon the department.
    - d) Departmental Library.
    - e) Out Patient Department and In Patient Department with all facilities including separate Clinical laboratory.
    - f) Three beds shall be earmarked per student for each clinical subject of speciality.
  - iv) The student - Guide ratio shall be 3:1, three students for one guide.
  - v) Criteria for selection of Guide shall be as per the guidelines of Central Council of Homoeopathy.
12. The Thesis/Dissertation is compulsory for the Post-Graduate student enrolled for this course.
  - i) The student has to submit a thesis comprising not less than 10,000 words, embodying his/her own work, the conclusion arrived at etc. under the supervision of the guide.
  - ii) The thesis should be submitted to the University 6 months earlier to the Final M.D. Part-II Examination of the University.
  - iii) The candidate shall submit the title of the thesis/dissertation alongwith a synopsis to the University within 9 months of registration, duly countersigned by the Guide and the Principal of the Institute and the University may accord their approval within a period of 3 months.
  - iv) The subject and plan of work of thesis/dissertation should not be the same as that of a thesis which has been accepted by the University in the past 3 years concerned University/Guide should not permit any duplication in writing Thesis by the candidate.
  - v) The subject of thesis/dissertation should reflect the Research priorities of the Post-Graduate department where the work is being done.
  - vi) If there is a minor or a major change in topic of the thesis/dissertation, the same may be allowed within first 6 months from the allotment of the topics with prior permission of the Guide, Principal of the College & University authorities.
  - vii) The University may consider the Co-Guide, if necessary with recommendation of the Guide and Principal of the institute.
  - viii) The thesis/dissertation must be satisfactory as regards to Literary presentation and suitable for publication either as it is or in abridged form.
  - ix) The working on thesis/dissertation should be well utilized for learning, searching the literature and its critical study. The work should reflect a good power of observation and capacity to draw conclusion on the basis of his study and work.
  - x) In no case papers written or published in joint names of two or more persons be accepted as thesis or dissertation. The candidate may however, submit in support of thesis any published work of which the candidate is either author or co-author.
  - xi) The thesis/dissertation should contain at the end a summary of not more than 1500 words embodying the conclusion arrived at the candidate.
  - xii) the thesis should not exceed 250 typed pages including charts, diagrams, photographs and bibliography. Four copies duly bounded be submitted to the Controller of Examinations of the University through the Guide and the Principal of the institute. The Controller of Examinations shall send one copy to the guide and other to the external examiner for evaluation, at least 6 months before the Examination. In addition to above four copies, one each to the Central Library, Departmental Library of the College and Central Council of Homoeopathy total i.e. 7 copies to be submitted to the Principal of the institution.
  - xiii) The thesis/dissertation should have the certificate form the Guide that the candidate has done the Research & clinical work under his guidance and up to his satisfaction.
  - xiv) The thesis/dissertation shall be examined by the examiners appointed to conduct the examinations and shall report whether the thesis/dissertation be accepted or rejected or may make suggestions as they deem fit.
  - xv) Approval of thesis/dissertation is a pre-condition to appear for the M.D. Part-II Examination.
  - xvi) If the thesis is not approved by the Examiners, the candidate will be asked to revise and resubmit the same through the Guide within a period of six months.
13. The fees for the examination shall be as prescribed by the Academic Council from time to time and whenever any change is made in the fees prescribed for any particular examination that shall be notified through a notification for information of the examinees concerned.

14. The scheme of the examinations is regulated by the Regulation.
15. Successful examinees shall be awarded a Degree in the prescribed format signed by the Vice-Chancellor.

**SPECIAL PROVISION FOR EXTERNAL CANDIDATES :**

Notwithstanding anything contained in these regulations, the University may allow admission of external candidates to appear in the Post Graduate examination for a period of eight years from the commencement of the Homoeopathy Post Graduate Degree Course (M.D.) (Hom.) (Amendment) Regulations 2001, for three subjects namely, Materia Medica, Homoeopathic Philosophy and Repertory only subject to the fulfillment of the following conditions namely :-

**1. Admission to the examination :**

- I. A candidate who has passed the final examination of a diploma course in Homoeopathy of not less than four years duration shall be eligible for admission to the examination as an external candidate, if such candidate :
  - a. holds full time regular post not below the rank of Assistant Professor, or
  - b. has teaching experience of not less than seven years in a recognized Homoeopathic Medical College, or
  - c. has ten years of Professional experience.
- II. The candidate shall register his name two years before the final examination.
- III. The candidate shall prepare and submit to his Supervisor/Guide a dissertation nine months prior to the holding of the final examination. The Supervisor/Guide shall approve the same six months prior to the holding of the final examination.

**2. Papers for examination :**

The Examination shall comprise of the following papers namely :-

- a) Materia Medica (Materia Medica Pura and Applied).
- b) Homoeopathic Practice of Medicine (including Gynaecology and Obstetrics).
- c) Organon of Medicine and Philosophy.
- d) Repertory.

**3. Examiners :**

The criteria for selection of examiners shall be the same as that of guide as prescribed by Central Council of Homoeopathy-regulation 13.

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**Examinations leading to the Post Graduate Degree in Homoeopathy in the Faculty of Medicine Regulation 2004.**

Whereas it is expedient to frame Regulation in respect of Examinations leading to the Post Graduate Degree in Homoeopathy in the Faculty of Medicine Regulation 2004 for the purposes hereinafter, appearing the Management Council is hereby pleased to make the following Regulation :-

1. This Regulation may be called Regulation in respect of "Examinations leading to the Post Graduate Degree in Homoeopathy in the Faculty of Medicine Regulation 2004" for the Degree of Doctor of Medicine (M.D.) in Paediatrics.
2. This Regulation shall come into force w.e.f. the Academic Session 2002-2003.
3. The Schemes of Examinations for the Post Graduate Degree in Homoeopathy in the Faculty of Medicine i.e. Doctor of Medicine (M.D.) in Paediatrics shall be as provided under Appendix-A appended with this Regulation.

**Appendix-A****II Schemes of Examinations of general subjects for Regular Students**

**The examination for Post Graduate Degree shall consists of**

1. Written Paper.
2. Clinical / Oral examination.

The examination shall be conducted in two parts.

a.M.D.(Hom.) Part I

b.M.D.(Hom.) Part II

M.D. (Hom.) Part I Examination shall be conducted at the end of six months after completion of house job for a period of one year.

M.D. (Hom.) Part II Examination shall be conducted at the end of one and half years after the Part I Examination.

**M.D. (Hom.) Part I Examination (Regular Students) :**

Every candidate shall submit an application with a certificate from his principal about the completion of course of studies in the subject concerned to appear for the examination . Full marks for each subject and minimum marks to pass shall be as follows –

**M.D. (Hom.) Part I Examination :**

A. There shall be one theory paper in the following general subjects.

- i. The Man in Health (Holistic Concept)
- ii. The Man in Disease (Holistic Concept)
- iii. History of Medicine, Scientific Methodology including research methodology and statistics.

B. The duration of the theory papers shall be of three hours.

C. There shall be Viva, Practical examination of each general subjects.

	General Subjects	Theory		Viva / Practical	
		Theory	Pass Marks	Viva/Practical	Pass Marks
1.	Paper I: The Man in Health (Holistic Concept)	100	50	100	50
2.	Paper II: The Man in Disease (Holistic Concept)	100	50	100	50
3.	Paper III: History of Medicine, Scientific Methodology including research methodology and statistics.	100	50	100	50

**Note :** Examinee has to clear theory of paper I, II & III along with concerned practicals simultaneously in the same examination.

***III Scheme of Examination of Special Subject i.e. Pediatrics for Regular Students for M.D.(Hom.)******Part-II Examination:***

- a. There shall be two theory papers.  
 Paper I : Growth and development disorders, Nutritional disorders, Infectious diseases including immunological diseases, haematological disorders, Disorder of new born and infant, G.I.T., Water and electrolytic imbalance, R.T., E.N.T. and Homoeopathic Therapeutics.  
 Paper II : C.V.S., C.N.S. , Genitourinary system, Endocrine disorder, Muscular skeletal system and rheumatic diseases, Malignancies of child hood, Genetic diseases, Skin, inborn errors of metabolism ophthalmology, Poisoning and accidents, Child health problems and Homoeopathic Therapeutics.
- b. The duration of theory papers shall be three hours duration.
- c. There shall be practical examination in subject.

	Subjects	Theory		Viva / Practical	
		Theory	Pass Marks	Viva/Practical	Pass Marks
1.	Paper I	100	50	100	50
2.	Paper II	100	50	100	50

**Note : Examinee has to clear theory of paper I & II along with concerned practicals simultaneously in the same examination.**