



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



**VINAYAKA MISSION'S
HOMOEPATHIC MEDICAL
COLLEGE & HOSPITAL**

CURRICULUM & SYLLABUS

REVISED NEW REGULATIONS 2016

(CCH Notification Dec'2018, June 2019, Aug' 2019)

**DOCTOR OF MEDICINE
(HOMOEPATHY)
IN
HOMOEPATHIC PHARMACY**

IV. MD (HOM) HOMOEOPATHIC PHARMACY

4.1. Purpose of M.D (Homoeopathy) -Homoeopathic Pharmacy Course

Specialization in pharmacy course is to train the homoeopathic graduate in the field of pharmacy to adopt the principles of homoeopathy regarding recent advanced techniques in the field of Homoeopathic pharmacy which enables them to fit in the present competitive world and to make them better teachers in the field of pharmacy to incorporate highest standards.

4.2. Aims:

To portray the factual profiles with their interpretations to dovetail the concept developed with the practices that existed in different pharmacopoeias.

To develop an accurate and unbiased approach to augment self-knowledge in improving the quality of the medicine using the principles of dynamisation.

To embrace the legal and professional aspects to regulate the proper distribution of drugs and medicines.

To co-ordinate recent advances in science with his/her knowledge of Homoeopathy pharmacy so as to reflect better art of healing.

4.3.General Objectives:

To recognize the knowledge of covering general truth obtained and tested through scientific methods.

To ascertain the curative power of Drugs using the Homoeopathy principals.

To under take audit, use information technology tools and carry out research with basic and clinical with the objective of publishing his/her work and presenting of various scientific for a, by which our fellow Homoeopaths can be benefited.

To develop skills in using educational methods and different techniques applicable in teaching Homoeopathic students and its practitioners.

To deal with a specialized system of therapeutic art and science having specificity in its mode of preparations, administration and modus operandi.

To prepare each medicine, so that the whole of its active virtues shall be present in a form suitable for administration.

To accept a drug with its identity and totality without attempting to separate a drug into its specific constituents.

To demonstrate the power or capacity of an infinitesimal dose of high potency in the field of Homoeopathy.

4.4. COURSE CONTENT.

4.4.1. Theory

4.4.1.1.PAPER - I Homoeopathic Pharmacy (100 marks)

4.4.1.1. 1. Section - A :

Philosophy and Development of Homoeopathic Pharmacy

History of Pharmacy in general with a special emphasis to Homoeopathic Pharmacy.

Principles of Homoeopathy, its chronology of Development, Integration of above principles in Homoeopathic Pharmacy, Post-Hahnemannian Homoeopathic Pharmacy

Knowledge of Drug Substance (Pharmacognosy and Pharmacology)

Basic Knowledge of allied sciences (Botany including Taxonomy and Phytochemistry, Chemistry and Zoology) for identification of drug substances.

Scientific names, Common names, Synonyms, Hyponyms, Homonyms and Abbreviations of various Homoeopathic drugs.

Classification of drugs according to Kingdom, Phytochemical, Physiological, Toxicological and Specific Therapeutic wise..

Knowledge of pace, depth, intensity, Pharmacological action, & miasmatic action of important Homoeopathic Drugs.

Collection and preservation of Homoeopathic drugs according to kingdom.

Sources, classification, uses and standardization of vehicles.

4.4.1.1. 2. Section - B :

Homoeopathic Drug Proving

Hahnemannian Homoeopathic drug proving and its merits and demerits

Modern Human Pathogenetic Trials - Protocol and Methodology.

Publication of Authentic Materia Medica and Repertory

Reproving and Clinical verification of Homoeopathic medicines.

Homoeopathic Pharmaceutics

Hahnemannian methods of preparation of drug.

Homoeopathic Potentisation - Hahnemannian and Post-Hahnemannian methods.

Scales of Potentisation.

4.4.1.2. Paper II - Research Methodology and Bio-statistics (100 Marks):

The subjects of 'Research Methodology and Biostatistics' are envisaged to address the growing need for training the Medical Professionals in the area of Clinical Research. The future of healthcare will be liberated from the shrouds of mystery and arcane assertions. Transparency and Evidence Based Medicine will be the buzzing words that resonate across the health advocacy portals. Hence it is the duty of every Homoeopath to emphasize Homoeopathy scientifically.

Historically homoeopathy has a comfortable relationship with Research designing. The very discovery of Homoeopathy itself is an outcome of Research applications. However, the recent times have seen a surge in the application of Research methods by the conventional health system simultaneous to slackening of interest in organized

research in homeopathy. There could be various reasons for this situation, though a significant one could be attributed to low awareness of research methods among homoeopathic professional. In this context, awareness of the knowledge and skills of 'research methodology and biostatistics' become necessary for the postgraduates of homoeopathic clinical domain.

Course Objectives:

At the end of the course, the Postgraduate Scholar shall attain in-depth knowledge in the subjects of 'Research Methodology & Biostatistics' and their application in 'Homoeopathic Research' by acquiring concepts of:

'Basic Research Model' and 'Different Types of Study'

'Biomedical Ethical Considerations' and 'Legal Aspects of Research'

Relevant Statistical Methods and Models

Skills of Data Collection and Documentation

Synopsis / Grant proposal Preparation

Dissertation / Thesis Writing

Utilization of 'Information Technology Tools' in research

Need for Research in Homoeopathy

The areas of Research in Homoeopathy

Proper application of 'Research Methodology & Biostatistics' in Homoeopathic Research.

Practice healthy relationship in the Research Team in which he/she functions.

Developing skills as a 'Self-directed Learner'

Recognizing 'Continuing Education needs'

Selection and appropriate use of 'Learning Resources'

In short a Postgraduate shall capable of executing the Homoeopathic Research more scientific.

Course contents:

4.4.1.2.1. Section-A: Research Methodology:

Introduction of 'Research Methodology

Definition of 'Research' & 'Research Methodology'

Glossary of 'Research Terminologies'

Research in Bio-medicine & its Scope

Qualities of a Researcher

Evidence Based Medicine

Current Scenario of Homoeopathic Research - Need, Scope & Challenges

Key Concepts of 'Research Methodology':

Research Process: Various steps in doing a Research

Various types of Research

Formulating the Research Problem / Research Question: Aims & Objectives

Literature Review: Definition, What / When / How to do?- Conceptual & Empirical, Research Article Search: National & International, Web based Search, Bibliography, Reference Quoting & Citations, Various Medical Search Engines & Document Data Bases.

Formulating Research Hypothesis: Definition & Importance

Types of Research Designs / Studies: Types, Uses, Design, Conduct & Selection of the suitable Study Design - Descriptive: Cross Sectional & Longitudinal, Analytical: Cohort & Case Control, Experimental: Randomized, Cross Over & Non Randomized, Randomization: Definition & its need, Replication: Definition & its need, Blinding: Definition, Types & its need, Local Control: Definition, Types & its need, Concept of Meta analysis .

Clinical Trials: Design & conduct; Therapeutic & Prophylactic

Sample & Sampling: Definition, Types, Methods of Collection & Merits

Data: Definition, Types, Collection techniques, Coding, Classification, Processing, Standardization & Analysis.

Presentation of Data: Tables, Graphs, Charts, Diagrams, etc.

Documentation: Concept, Objectives & Importance, Outcome Assessment, Generalization & Interpretation of the results.

Proposal Writing & Preparation of Report / Results: Research Documentation, Scientific / Technical Report Writing, Thesis & Dissertation Writing, Monographs, Paper Publication & Presentation.

Research Regulations: Historical Evolution & Present Need

Ethical issues in Bio-medical Research

Practitioner / Professional Code of Conduct, Doctor to Doctor Relationship, Doctor & Patient Relationship.

Institutional Ethical Committee: Structure, Duty & Rights

Informed Patient Consent, Right of Refusal / Withdrawal from Treatment, Confidentiality, etc.,

Intellectual Property Rights, Patent / Copyright issues & Plagiarism.

Guideline Regulations: ICH GCP, WHO, Declaration of Helsinki, ICMR & Schedule Y.

Assessing & Reporting Adverse Events.

Ethical Issues in Animal Studies

Application of 'Research Methodology' in Homoeopathic Research:

Historical Review of Homoeopathic Researches like Drug proving, Epidemiological / Clinical Homoeopathic Use, etc., and their lacuna

Current Scenario of Homoeopathic Researches

Various National & International Homoeopathic Research Institutions / Avenues

Central Council for Research in Homoeopathy, Its Guidelines for Homoeopathic Research & Implications

Various AYUSH Schemes for Research

Central Council of Homoeopathy

Selecting a well suited Homoeopathic Research Problem

Review of Literature in the context of Homoeopathic Publications

Deciding suited Research Design, Sample Design & Analytical Design

Application of Cardinal Principles & Philosophy of Homoeopathy in the Research Process: Data Collection, Processing, Analysis, Evaluation, Prescription, Outcome assessment & Follow ups.

Challenges in Homoeopathic research & Future Research in Homoeopathy?

4.4.1.2.2. Section-B: Biostatistics:

Introduction of 'Biostatistics':

Definition of 'Biostatistics'

Glossary of 'Statistical Terminologies'

Biostatistics in Clinical Research: Utilization & Scope

Importance of 'Statistical Analysis in Research' & 'Statistical Results'

Current Scenario of 'Biostatistics 'in Homoeopathic Researches: Need, Scope & Challenges

Key Concepts of 'Biostatistics':

Statistical Data: Representation, Presentation, Analysis, Validity & Reliability- Attributes & Variables, Scales of Measurements

Sampling: Statistical Sampling Techniques & Sample Size Estimation for Epidemiological / Experimental Studies

Biases: Definition, Types, Effect & Management

Theoretical Distributions: Normal, Binomial, Poisson, t, Z & Chi square, Standard Normal Curve: Description, Properties & Uses
Measures of Asymmetry: Skewness & Kurtosis

Statistical Measures: Descriptive, Inferential & Relative, Central

Tendency: Arithmetic Mean, Median, Mode & Quartiles, Dispersion/Variability: Range, Mean Deviation, Standard Deviation, Quartile Deviation, Variance & Coefficient of Variation

Relationship: Correlation & Regression

Relative Position: t & Z Scores, Percentile, Rank, Standard error & Critical Ratio

Probability: Theory, Types, Laws & Uses

P - Value: Concept and Estimation

Statistical Hypothesis: Definition, Types (Null & Alternate) & Uses, Statistical Hypothesis Testing: Definition and Uses, One / Two Tailed Tests, Type I / Type II Errors, Concepts of Confidence Interval, Level of Significance & Degree of freedom

Parametric Tests: Types, Methods, Advantages & Disadvantages, Large Sample Z Test, Small Sample Student's t Test, Small Sample Paired t Test

Non-Parametric Tests: Types, Methods, Advantages & Disadvantages

Chi square Test: Goodness of Fit, Association & Independence

Analysis of variance (ANOVA): Concept, Types, Methods, F Test & Uses

Vital Statistics: Population Statistics, Birth, Death, Marriage, etc.,

Health Information System: Morbidity, Mortality, Incidence, Prevalence, etc.,

Use of 'Information Technology Tools' in Biostatistical Data Analysis: Computer Softwares, Websites, etc.,

Application of 'Biostatistics' in Homoeopathic Research:

Selecting appropriate 'Statistical Method' for Homoeopathic Researches

Arriving at valid 'Statistical Result' in Homoeopathic Researches

Challenges & Difficulties faced in Homoeopathic Researches in context of Statistical Applications.

4.4.1.3. Paper III: Advanced teaching of Fundamentals of Homoeopathy(100 marks):

Advanced teaching of fundamentals of Homoeopathy shall comprise of integration knowledge (learnt at degree level course) in respect of subject namely, Organon of Medicine and homoeopathic philosophy, homoeopathic Materia Medica and Repertory. Concepts of different methods of teaching and evaluating the teaching. Further, to upgrade the knowledge of post graduates recent scientific advancements in the field of Homoeopathic research and literature has to be integrated in the course of study.

4.4.1.3. 1. Section A:

Organon of Medicine and Homoeopathic Philosophy.

Materia Medica

Review of recent fundamental and clinical researches in Homoeopathy and related fields.

4.4.1.3. 2. Section B:

Repertory

General philosophy

Review of recent scientific publications on journals and literature

Integration of the knowledge gained in Organon, Materia Medica and Repertory for case processing.

.MD (Hom) Homoeopathic Pharmacy- PART II

4.5.course content

4.5.1. Theory

4.5.1.1.PAPER - I : Homoeopathic Pharmacy (100 Marks)

4.5.1.1.1. Section - A :

A. Philosophy and Development of Homoeopathic Pharmacy

History of Pharmacy in general with a special emphasis to Homoeopathic Pharmacy.

Principles of Homoeopathy, its chronology of Development, Integration of above principles in Homoeopathic Pharmacy, Post-Hahnemannian Homoeopathic Pharmacy.

B. Knowledge of Drug Substance (Pharmacology and Pharmacology)

Basic knowledge of allied sciences (Botany including Taxonomy and Photochemistry, Chemistry and Zoology) for identification of drug substances..

Scientific names, Common names, Synonyms, Hyponyms, Homonyms and Abbreviations of various Homoeopathic drugs.

Classification of drugs according to Kingdom, Phytochemical, Physiological, Toxicological and Specific Therapeutic wise..

Knowledge of pace, depth, intensity, Pharmacological action, & miasmatic action of important Homoeopathic Drugs.

Collection and preservation of Homoeopathic drugs according to kingdom. Sources, classification, uses and standardization of vehicles

C. Principles of Posology and Dispensing

Difference between Homoeopathic posology and posology of other systems of medicine.

Principles of posology.

Various kinds of dose and selection of dose and repetition of dose.

Principles and methods of dispensing of Homoeopathic Medicines.

4.5.1.1.2 Section - B :

Homoeopathic Drug Proving

Hahnemannian Homoeopathic drug proving and its merits and demerits

Modern Human Pathogenetic Trials - Protocol and Methodology.

Publication of Authentic Materia Medica and Repertory

Reproving and Clinical verification of Homoeopathic medicines.

Homoeopathic Pharmacopoeias

Historical background and importance of various Homoeopathic pharmacopoeias German Homoeopathic pharmacopoeia,

British Homoeopathic pharmacopoeia,

American Homoeopathic pharmacopoeia,

Homoeopathic pharmacopoeia of United States

French Homoeopathic pharmacopoeia etc.

A special reference to Homoeopathic Pharmacopoeia of India (Vol 1 to IX) and Bhattacharya's Homoeopathic Pharmacopoeia.

Comparing the basics of homoeopathic pharmacopoeia with the Ayurveda pharmacopoeia.

A principle involved in various system of medicine prevails in treating human illness.

4.5.1.2. PAPER - II: HOMOEOPATHIC PHARMACY- (100 MARKS)

4.5.1.2. 1. Section - A :

Experimental Pharmacology

Animal House Facility - Guidelines, Ethical requirements for drug studies on animals and human beings.

Physiological data on laboratory animals.

Composition of some physiological salt solutions

Toxicology studies. ED-50, LD-50

Development of new drugs

Mechanism of drug action and factors modifying drug action

Absorption, distribution of Drugs Bio-transformation and excretion of Drugs

Bio-availability of drugs, Adverse Drug Reaction (ADR)

Animal behavioural models for Testing

Models for learning and memory processes

Experiments on Isolated and Intact preparations (in vivo studies)

Administrating the homoeopathic medicines in animal experiments to know the biochemical and cellular level activities.

Industrial Pharmacy (Pharmaceutics) and Pharmaceutical Management

Different dosage forms and new drug delivery systems.

Metrology and calculations.

Packing of pharmaceuticals.

Milling and Size separation/grading of powders.

Mixing and Homogenisation.

Extraction process.

Drying process.

Sterilization process.

A student of Homoeopathic Pharmacy should have the basic knowledge of important aspects of -Production Management, Finance Management, Material Management, advertising and Marketing Management, Human Resource Management, Drug Store Management and Costing & Pricing.

4.5.1.2. 2. Section - B :

Drugs Laws And Legislation Related To Homoeopathic Pharmacy

A Detailed study of The drugs and cosmetic act 1940 (23 of 1940); and Rules 1945, The prevention of illegal traffic in narcotic drugs and psychotropic substances act 1988 (46 of 1988) ,The drugs control act 1950 (26 of 1950), The drugs and magic remedies (objectionable advertisement) act 1954 (21 of 1954) ,The medicinal and toilet preparation (excise duties) act 1955 (16 of 1955) ,The poison act 1919 (12 of 1919), The Homoeopathic Central Council act 1973 (59 of 1973); The pharmacy act 1948 (8 of 1948)

A general idea about the rules and regulation made under the above said Central acts on the subject and concerned state acts and regulation and Pharmaceutical ethics.

Pharmaceutical Analysis

Students should have theoretical as well as practical knowledge about the application of techniques and instrumentations for the quality analysis of raw material and finished products, like Column chromatography, TLC, Paper Chromatography, HPLC, HPTLC, and UV-Visible Spectroscopy.

Vehicles also to be standardized to make quality medicines.

Identification and detection of impurities in the sample of Distilled water, Ethyl alcohol and Sugar of milk.

Quality control tests for raw materials and finished products.

Chromatographic techniques

Spectroscopic methods

4.5.2. Skills

Pharmacognosy

Pharmacognostic study of organized drugs and unorganised drugs.

Estimation of moisture content of plant

Determination of extractive values of crude drug

Phytochemical screening of drugs, with ethanol and water extracts

Modern Extraction Processes

Pharmaceutical Analysis

Identification and detection of impurities in the sample of distilled water, Ethyl alcohol and of Sugar of Milk.

Quality control tests for raw materials and finished products.

Chromatographic techniques

Spectroscopic methods

Industrial Pharmacy

Preparation of Homoeopathic Medicines with decimal, Centesimal and Fifty millesimal scales.

Preparation of mother tincture, Mother solutions and Triturations according to Hahnemannian methods.

Preparation of mother tincture by modern methods.

Preparation of globules, Tablets and Ointments.

Experimental Pharmacology

Experiments on Intact and isolated preparations

Toxicological studies.

4.6 LIST OF RECOMMENDED REFERENCE BOOKS

4.6.1 Homoeopathic Pharmacy:

1. Bhattacharya- Homoeopathic Pharmacopoeia
2. Banerjee N.K. & Singha N. - Treatise on Homoeopathic Pharmacy
3. Banerjee D.D.- Text Book Of Homoeopathic Pharmacy
4. Warriar P.K. - Indian Plants Compendium of 800 Species all Volumes.
5. Mishra B.P. -Homoeopathic Pharmacopoeia of India, All volumes.
6. Varma P.N. & Indu - Encyclopedia of Homoeopathic Pharmacy,
7. Hamilton- Flora Homoeopathic.
8. Mandal & Mandal - Text Book of Homoeopathic Pharmacy.
9. Satoskar and Bhandarker - Pharmacology & Pharmacotherapeutics.
10. Gopi . K. S. - Encyclopedia of Medicinal Plants Used in Homoeopathy.
11. Ministry of Health and Family welfare , Government of India Publications - The drugs and cosmetic Act , 1940 (23 of 1940);

The prevention of illicit traffic in Narcotic Drugs and Psychotropic Substances Act, 1988, (46 of 1988); The Drugs (control) Act, 1950,(21 of 1954); The Medicinal and Toilet Preparation (Excise Duties) Act, 1955 (16 of 1955); The Poison Act , 1919 (12 of 1919);The Homoeopathy Central Council Act, 1973 (59 of 1973); and The Pharmacy Act, 1948 (8 of 1948);

12. Samuel Hahnemann - Organon of Medicine 6th Edition.
13. Ministry of Health and Family Welfare, Government of India Publications-Homoeopathic PharmacopoeiaIndia, all volumes.
14. Government of United States of America Publication- United States Homoeopathic Pharmacopoeia, all volumes.
15. Government of Britain Publications- British Homoeopathic Pharmacopoeia.
16. S.K. Bhattacharjee- Handbook of aromatic Plants.
17. Khan I. &Jhanym A. - Role of Biotechnology in Medicinal and Aromatic Plants.
18. Maheshwari J.K. - Ethno botany and Medicinal Plants of Indian Sub continent.
19. Sethi - High performance Liquid Chromatography.
20. Sethi - High Performance Thin Layer Chromatography.
21. Sharma - Cosmetics Formula Mfg. & Quality control.
22. Watson - Modern Cl. Analysis & Instrumentation.
23. Rajendranes - Nanodynamics

4.6.2. Research Methodology and Biostatistics:

4.6.2.1. Research methodology:

24. C.R. Kothari, Research Methodology - Methods & Techniques, New Age international Publishers, New Delhi.
25. Ram Ahuja, Research Methods, Rawat Publications, Jaipur.

26. Yogeshkumar Singh, Fundamentals of Research methodology & Statistics, New Age international Publishers, New Delhi.
27. T. BhaskaraRoa, Research Methodology, Paras Medical Books Pvt Ltd, Hyderabad.
28. Ranjith Kumar, Research Methodology - A Step by Step Guide for Beginners, SAGE Publications India Ltd, New Delhi.
29. R. Raveendran& B. Gitanjali, A Practical Approach to PG Dissertation, BSP Books Pvt Ltd, Hyderabad.
30. G. Jagdeesh, A. Murty, Y.K. Gupta & A. Prakash, Bio-Medical Research From Ideation to Publication, Walters Kluwer Health, LWW India Publishing Programme (Lippincott Williams & Wilkins), India.
31. Munir Ahmed. R, Research Methodology, Centre for Homoeopathic Studies, Bangalore.
32. Munir Ahmed. R, Dissertation Made Easy, Centre for Homoeopathic Studies, Bangalore.
33. AbhayaIndrayan, Basic Methods of Medical Research, AITBS Publishers, New Delhi.
34. Wayne C. Booth, Gregory G. Colomb& Joseph M. Williams, The Craft of Research - Chicago Guides to Writing, Editing & publishing, The University of Chicago Press.
35. David Evans, Paul Gruba& Justin Zobel, How to Write a Better Thesis, Springer Publications, Germany.
36. Joan Bolker& Holt Paperbacks, Writing Your Dissertation in Fifteen Minutes a Day - Guide to Starting, Revising, and Finishing Your Doctoral Thesis, Macmillan Publishers, New York.
37. Health Research Policy Publications, WHO.

4.6.2.2. Biostatistics:

38. B.K. Mahajan, Methods in Biostatistics for medical Students & research Workers, Jaypee Publishers, New Delhi.

39. J.V. Dixit, Principles & Practice of Biostatistics, BanarsidasBhanot Publishers, Jabalpur.
40. K.R. Sundaram, S.N. Dwivedi & V. Sreenivas, Medical Statistics- Principles & Practice, Walters Kluwer Health, LWW India Publishing Programme (Lippincott Williams & Wilkins), India.
41. JP. Baride, AP. Kulkarni & RD. Muzumdar, Manual of Biostatistics, Jaypee Publications, New Delhi.
42. P.S. S. Sundarrao & J. Richard, Introduction to Biostatistics & Research Methods, PHI Learning, New Delhi.
43. M.N. Parikh & Nithya Gogtay, ABC of Research Methodology & Applied Biostatistics - A Primer for Clinicians and Researchers, Jaypee Publications, New Delhi.
44. David L. Katz, Joann G. Elmore, Dorothea M.G. Wild & Sean C. Lucan, Jekel's Epidemiology, Biostatistics, Preventive Medicine & Public Health, Saunders, Elsevier Publications.
45. Jaykaran, Statistical Tests in Medical Research, Jaypee Publications, New Delhi.
46. K. Park, Park's Text Book of Preventive and Social Medicine, Banarsidas Bhanot Publishers, Jabalpur.

4.6.2.3. Ethics:

47. Guidelines for Good Clinical Practice (GCP) for trials, WHO.
48. Ethical Principles for Medical Research Involving Human Subjects, World Medical Association.
49. Ethical Guidelines for Biomedical Research on Human Participants, Indian Council of Medical Research New Delhi, 2006.
50. Guidelines for Clinical Research, CCRH.
51. C.M. Francis, Medical Ethics, Jaypee Publications, New Delhi.
52. Guideless for Care & Use of Animals in Scientific Research, Indian National Scientific Academy, 2000.

53. Guidelines for Laboratory Animal Facility, Committee for the Purpose of Control and Supervision of Experiments on Animals, 2001.

4.6.3. Advanced teaching of Fundamentals of Homoeopathy:

4.6.3.1. Organon of medicine and homoeopathic philosophy:

54. Allen J H-Chronic Miasms

55. Bertrand Russel -History of Philosophy

56. Boenninghausen Von C M F - Lesser Writings.

57. Boericke G- Principles of Homoeopathy

58. Boger C M - Collected Works

59. Clarke J H - Constitutional Medicine

60. Close Stuart - Genius of Homoeopathy

61. Dhawale M L - Principles and Practices of Homoeopathy

62. Dudgeon-Principles and Practices of Homoeopathy

63. Dunham Carroll - Homoeopathy, the Science of Therapeutics

64. Durant Will - The story of Philosophy

65. Farrington E A - Lesser writings

66. Hahnemann - Chronic Disease its cause and cure

67. Hahnemann - Organon of Medicine- 6th Edition

68. Hahnemann -Lesser Writings

69. Hospers John - Introduction to Philosophy

70. Irving Copi - Introduction to Logic

71. Kent J T - Lesser writings

72. Kent J T- Minor Writings

73. Kent J T-Lectures on Homoeopathy Philosophy

74. Ortega - The Chronic Miasms

75. Phyllis Speight-- Chronic miasms.

76. Preetha Mehra and Chand D.H - History of Medicine
77. Rajendran E S - New Lights - Lectures on Homoeopathy & Philosophy
78. Rajendran E S - The Nucleus - Lectures on Chronic Diseases and Miasms
79. Rajendran.E.S - Nanodynamics
80. Richard Hahel - Life and works of Hahnemann
81. Rima Handley - Later Years of Hahnemann
82. Robert H A- Principles and practices of Homoeopathy
83. Robert Jutte - Hahnemann's Life History
84. Sharma C D -Indian Philosophy
85. Shepherd Dorothy - Magic of Minimum dose
86. Sircar B K -Commentary on Organon of Medicine
87. Vithoukas George - The Science of Homoeopathy
88. Whitmont E - Psyche & Substance
89. Wideband- A History of Modern Philosophy
90. Wolf A - Textbook of logic
- 4.6.3.2. Materia medica:**
91. Allen.T.F - Encyclopedia of Homoeopathic Materia, Medica Vol 1 to,12
92. Ambikawanters-- Homoeopathic colour and sound remedies
93. BhasmeArun - How to study Materia Medica
94. Burt-Physiological Materia Medica
95. Catherine S. Coulter - Portraits Vol. I, Portraits Vol. II, Portraits Vol. III
96. Choudhary.N.M. -Materia Medica
97. Choudhuri.N.M - A study on Materia Medica and repertory
98. Clarke - Dictionary of Homoeopathic Materia Medica

99. Collin Giffith -- The new Materia Medica- key remedies for the future of homoeopathy
 100. DrChaturbujaNayak --Keynote of homoeopathic Materia Medica- vol -I
 - 101.FransVermuelen -- Synoptic Materia Medica vol- II
 - 102.FransVermuelen --Concordance reference
 - 103.FransVermuelen -- Prisma: the arcane of Materia Medica, illuminated
 - 104.Hahnemann.S - Chronic Diseases Vol I & II, B
 - 105.Hahnemann.S - Materia Medica Pura Vol I & II
 - 106.Harvey Farrington - P. G Studies inHomoeopathy
 - 107.Hering.C - Guiding Symptoms of Homoeopathic Materia Medica
 - 108.Nancy Herrick -- Scared plants, human voices :
(new proving in to plants)
 - 109.Nancy Herrick --Animal minds, human voices :
(new proving in to animals)
 - 110.Nash.E.B - Leaders in Homoeopathic Therapeutics
 111. ParimelBanerji --Advanced homoeopathy and its Materia Medica vol- I
 - 112.Pierce: Plain Talks on Homoeopathic Materia Medica with Comparisons
 - 113.RajanShankaran - Insight into Plant Kingdom Vol. I, II, III
 114. Ramjee Singh - Ladder to Excellence in Homoeopathic Education
 - 115.Roger Morrison -- Carbon: organic and hydrocarbon remedies in homoeopathy
- 4.6.3.3. Repertory:**
- 116.Kent J T - Repertory of the Homoeopathic Materia Medica
 - 117.Boger C M - Boeninghausens Characteristics and Repertory

118. Boger C M - Synoptic Key & Repertory to the Homoeopathic Materia Medica
119. Allen T.F. - Boeninghausens Therapeutic Pocket Book
120. Knerr C.B. - Repertory of Herings Guiding Symptoms of our Materia Medica
121. Boericke W - Boericke`s Materia Medica with Repertory
122. Clarke J.H. - Clinical Repertory
123. Fredrick Schroyens - Synthesis Repertory
124. Robin Murphy - Homoeopathic Medical Repertory
125. Barthel and Klunker - Synthetic Repertory of the Materia Medica
126. Phatak S.R - A Concise Repertory of Homoeopathic Materia Medica
127. Siju .P.V - A reference to repertories for Homoeopathic students
128. Shashikant Tiwari - Essentials of Repertorisation
129. Kumar G.S.R - Sure shot Repertory guide for P.G. students
130. Castro J.B.D - Logic of Repertories
131. Jugal Kishore - Evolution of Homoeopathic Repertories & Repertorisation
132. Mind Technology (Homopath Classic*)
133. Radar* - Radar Opus

4.7 SCHEME OF MARK DIVISION

	Theory	Subject	Theory Marks	Clinical including Viva-Voce Marks	Total Marks	Pass Marks
4.7.1 PART I	Paper 1	Homoeopathic pharmacy	100	50	150	75
	Paper II	Research Methodology and Biostatistics	100	-	100	50
	Paper III	Advanced teaching of Fundamentals of Homoeopathy	100	50	150	75
	TOTAL			300	100	400
4.7.2 PART II	Paper 1	Homoeopathic pharmacy	100	200	400	200
	Paper II	Homoeopathic pharmacy	100			
TOTAL			200	200	400	-

4.8 SCHEME OF EXAMINATION

4.8.1 PART I:

4.8.1.1		
Theory		
	A.1.	Theory examination shall comprise 3 written papers; each of 100 Marks Total Marks (3X100) = 300 Marks
	A.2.	Each paper will be divided in to two parts section A & B of 50 Marks each and shall consist of two patterns of questions.
	A.3.	(a) LAQs (b) SAQs in the ratio 40:30 Each part will have LAQs shall be 02 each of 10 Marks = 20 SAQ shall be 03 each of 5 Mark = 15 SAQs shall be 03 each of 5 Marks = 15 Total Marks= 50
	A.4.	Time duration for each paper shall be 3 hours
	A.5.	Paper I: Main Subject – Homoeopathic pharmacy Section I: As per syllabus prescribed Section II: As per syllabus prescribed
	A.6.	Paper II: Research Methodology and Biostatistics Section I: Research Methodology as per syllabus prescribed Section II: Biostatistics as per syllabus prescribed

	A.7.	Paper III: Advanced teaching of Fundamentals of Homoeopathy
		Section I: As per syllabus prescribed
		Section II: As per syllabus prescribed
	A.8.	Four Examiners (Out of which 3 are external) shall value the papers and the average marks will be final
	A.9.	Passing shall be considered as score of 50 Marks out of total 100.
4.8.1.2	B. 1.	Four Examiners (Out of which 3 are external) shall conduct the exam and the average marks will be final
Clinical	B. 2.	Clinical=01Long Case (1 hr.)
	B.3.	Marks shall be divided under two heads covering all the aspects of Practice of Medicine and Advanced teaching of Fundamentals of Homoeopathy
	B.4.	Total marks: Clinical&Practicals -50 Marks Paper I- Homoeopathic pharmacy- 25 Marks Paper III- Advanced teaching of Fundamentals of Homoeopathy - 25 Marks
4.8.1.3	C.1.	Amongst 4 examiners the marks shall be divided under two heads covering all the aspects of (Homoeopathic pharmacy and Advanced teaching of Fundamentals of Homoeopathy) as described in syllabus above.
Viva Voce	C.2.	Total marks: Viva -50 Marks Paper I- Homoeopathic pharmacy- 25 Marks Paper III- Advanced teaching of Fundamentals of Homoeopathy - 25 Marks
	C.3.	Clinicals& Viva: Emphasis shall be given for Homoeopathic application
	C.4.	Total marks: Clinical&Practicals -50 Marks. Viva 50 Marks = 100 Marks
4.8.1.4	D1.	Separate passing score with 50% of marks in individual heads A, B & C is essential to pass in Examination.
PASS MARK		

4.8.2 PART II

4.8.2.1 Theory		
	A.1.	Theory Examination shall comprise 2 written papers; each of 100 marks Total Marks (2X100) = 200 Marks
	A.2.	Each paper will be divided in to two parts section A & B of 50 marks each and shall consist of two patterns of questions.
	A.3.	(a) LAQs (b) SAQs in the ratio 40:30 Each part will have LAQs shall be 02 each of 10 Marks = 20 SAQ shall be 03 each of 5 Mark = 15 SAQs shall be 03 each of 5 Marks = 15 Total Marks= 50
	A.4.	Time duration for each paper shall be 3 hours
	A.5.	Paper I: Main Subject – Homoeopathic pharmacy
		Section I: As per syllabus prescribed
		Section II: As per syllabus prescribed
	A.6.	Paper II: Main Subject – Homoeopathic pharmacy
		Section I: As per syllabus prescribed
		Section II: As per syllabus prescribed
	A.7.	Four examiners (Out of which 3 are external) shall value the papers and the average marks will be final
	A.8.	Passing shall be considered as score of 50% Marks out of total 100.
	A.9	Passing shall be separate for theory.
4.8.2.2 Clinical	B. 1.	Four Examiners (Out of which 3 are external) shall conduct the exam and the average marks will be the final
	B. 2.	Practical =100 Marks
	B.3.	Marks shall be covering all the aspects of Homoeopathic pharmacy and Homoeopathic application
	B.4.	Total marks: Practical -100 marks
4.8.2.3 Viva Voce	C.1.	Amongst 4 examiners the marks shall be covering all the aspects of Homoeopathic pharmacy and Homoeopathic application.
	C.2.	Total marks: Viva 100 Marks
	C3.	Practical& Viva: Emphasis shall be given for Homoeopathic application
4.8.2.4 PASS MARK	D1.	Separate passing score with 50% of marks in individual heads A, B & C is essential to pass in Examination.