

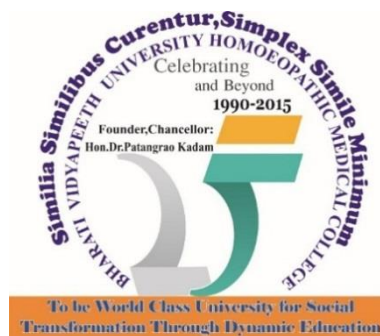


**BHARATI VIDYAPEETH DEEMED UNIVERSITY  
PUNE (INDIA)**

**'A' GRADE BY GOVT. OF INDIA**

**'A' GRADE - REACCREDITED BY NAAC**

**A+' Accreditation (Third Cycle) by 'NAAC' in 2017**



**Vision ► To be a world class University for Social Transformation  
through Dynamic Education**

## **FACULTY OF HOMOEOPATHY**

**DOCTOR OF PHILOSOPHY  
(Ph.D. COURSE)**

UGC Regulations (Minimum Standard and Procedure  
for an award of Ph.D. degree regulation, 2016,  
published in the Gazette of India on 05<sup>th</sup> May 2016.

**(Pre Ph.D. and Ph.D. COURSE)**

**SYLLABUS - 2023**

**BHARATI VIDYAPEETH DEEMED UNIVERSITY,  
L.B.S. Marg, Pune – 411030.**

**FACULTY OF HOMOEOPATHY  
Ph.D. Course Work**

**INDEX**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Page No.</b>
<b>1.</b>	Introduction	3
<b>2.</b>	<b>A. Pre Ph.D. COURSE</b>	4-10
	a. Homoeopathic Materia Medica	4-6
	b. Homoeopathic Repertory	6-7
	c. Homoeopathic Organon of Medicine	7-9
	d. Homoeopathic Pharmacy	9-10
<b>3.</b>	<b>B. Ph.D. COURSE</b>	11-22
<b>4.</b>	<b>Paper- I</b> Research Methodology	11-13
<b>5.</b>	<b>Paper- II</b> Recent Advances in Subject specific course	13-22
	a. Homoeopathic Materia Medica	14-15
	b. Homoeopathic Repertory	15-18
	c. Homoeopathic Organon of Medicine	18-21
	d. Homoeopathic Pharmacy	21-22
<b>6.</b>	<b>Paper- III</b>	
	Presentation	22
<b>7.</b>	<b>Paper- IV</b> Research and Publication Ethics	22-24
<b>8.</b>	Examination Pattern	25

## **BHARATI VIDYAPEETH UNIVERSITY, PUNE**

It had been a long standing dream of our founder to get the status of a University to Bharati Vidyapeeth. That dream was realized when the Ministry of Human Resource Development [Department of Education, Government of India] on the recommendation of the University Grants Commission, New Delhi through their notification No.F.9-15/95-U.3 dated 26<sup>th</sup> April,1996 declared a cluster of institutions of Bharati Vidyapeeth at Pune as Deemed to be University.

Thus there are 32 institutions which are the constituent units of Bharati Vidyapeeth Deemed University.

As is widely known, the Central Govt. had constituted & high power Task Force consisting of very eminent and experienced academicians to evaluate the academic performance of deemed universities in the country. The Task Force appreciated the report submitted by the University and also the presentation made by Prof. Dr. Shivajirao Kadam Vice Chancellor. The Task Force noted the University's excellent performance with regard to teaching-learning process, research scientific publications by faculty and their impact and potential, innovative academic programmes, enriched infrastructure and recommended to the Ministry of Human Resources Development, Govt. of India to award 'A' Grade status. The Central Government has accepted the recommendation of the Task Force and awarded 'A' Grade status to this University.

Ours is the only University established under section 3 of the UGC. Act having under its umbrella institutions of diverse disciplines of professional technical and traditional categories such as Medicine, Dentistry, Physical Education, Natural and Physical Sciences, Social Sciences, Commerce, Law and Humanities, pharmaceutical Sciences, Management Studies, Engineering and Technology. The UGC has recognised this University u/s 12 'B' of UGC Act.

This University is a Member of Association of Indian Universities and also a member of Association of Commonwealth Universities.

## **Pre Ph.D. (HOM.) COURSE, SYLLABUS -FACULTY OF HOMOEOPATHY**

## **a. Homoeopathic Materia Medica**

### **Syllabus for Pre- Ph.D.**

**Theory Marks – 50**

1. Science and philosophy of Hom. Materia Medica
2. The nature and scope of Homoeopathic Materia Medica; Definition
3. Comparison of Homoeopathic Materia Medica with other pharmaceutical systems.
4. Concept of artificial and natural diseases. Concept of Drug Proving. Understanding the evolution, philosophy and construction of the source book
5. Concept of causation from the Hahnemannian perspective viz. fundamental, exciting, maintaining causes and its application in the study of Hom. Materia Medica
6. Study of mental symptom, mental state, disposition, constitutions, temperaments and evolutionary study of Hom Materia Medica
7. Clinico- pathological correlations of the diseases and integrating pathogenesis in study of Hom. Materia Medica
8. Clinical Materia Medica and its practical application at the bedside
9. Scope & Limitation of the current state of knowledge of Homoeopathic Materia Medica with the demands of Clinical Practice and Education
10. Comparative Materia Medica: from symptomatic, regional location, closely coming drug pictures & group symptoms its application in the practice of medicine, surgery & gynaecology – obst.
11. Mother tinctures, Nosodes (including bowel Nosodes), Sarcodes & Bach flower therapy.
12. Homoeopathic Materia Medica of acute illnesses, emergencies
13. Sources of Homoeopathic Materia Medica, Drug proving & collection of symptoms
14. Types of Homoeopathic Materia Medica – concept, philosophy, scope & limitation
15. Different approaches of study of Homoeopathic Materia Medica i.e. Psycho - clinico-pathological, synthetic, comparative, analytic & remedy relationship
16. Study & construction of Homoeopathic Materia Medica- building a portrait of artificial disease & drug picture integrating concept
17. Theory of biochemic system of medicine & biochemic medicine
18. Group study of Homoeopathic Materia Medica

### **Reference Books**

## **List of Reference Books for Pre – Ph.D. (Homoeopathic Materia Medica)**

1. S.Hahnemann – Materia Medica Pura Vol-I & II, Jain publishers New Delhi
2. S.Hahnemann – Chronic Diseases Vol-I & II, B. Jain publishers New Delhi
3. T.E.Allen – Encyclopedia of Homoeopathic Materia Medica Vol 1 to 12, B. Jain publishers New Delhi
4. T.F. Allen – Handbook of Homoeopathic Materia Medica, B. Jain publishers New Delhi
5. C.Hering –Guiding symptoms of Homoeopathic Materia Medica, B. Jain publishers New Delhi
6. J.T.Kent – Lectures on Homoeopathic Materia Medica, B. Jain publishers New Delhi
7. E.A.Farrington- Clinical Materia Medica, B. Jain publishers New Delhi
8. E.A.Farrington- Comparative Materia Medica, B. Jain publishers New Delhi
9. M.L.Dhawale – Symposium volumes published by Dr.M.L.Dhawale Memorial trust, Mumbai.
10. N.M. Chaudhary – Materia Medica, B. Jain publishers New Delhi
11. K.N. Mathur – Systemic Materia Medica, B. Jain publishers New Delhi
12. C.M. Boger – Synoptic Key, B. Jain publishers New Delhi
13. H.C. Allen Keynotes of Homoeopathic Materia Medica, B. Jain publishers New Delhi
14. E.B. Nash- Leaders in Homoeopathic Therapeutics, B. Jain publishers New Delhi
15. W.Boericke – Clinical Materia Medica, B. Jain publishers New Delhi
16. Kent Lectures on Homoeopathic Materia Medica & New Remedies, B. Jain publishers New Delhi
17. T.F.Allen – Nosodes
18. Boericke & Dewey – Twelve Tissue Remedies
19. Jan Scholten – Homoeopathy & Minerals
20. Jan Scholten – Homoeopathy & Elements
21. Dr. George Vithoukas- Materia Medica Viva
22. Burt – Physiological Materia Medica
23. M.L. Tyler – Drug Pictures of Homoeopathic Materia Medica
24. Harvey Farrington –P.G studies in Homoeopathy, B. Jain publishers New Delhi

### **b. Homoeopathic Repertory**

- **Introduction to the Concept Of Repertorisation and Historical Evolution of the Repertory,**

- **General Principles Of Repertorisation,**
- **Various Approaches Of Repertorisation,**
- **Case Receiving : Principles And Techniques,**
- **General, Clinical And Modern Repertories**
  - a) Understanding of Puritan repertories-philosophy and its application to homoeopathic practice
  - b) Boger's synoptic key
  - c) The clinical repertories, their authors - philosophy-application of philosophy to practice and their uses: sensations as if-Ward and Robert's ; Allen's fever , Murphy's repertory; Robert's Rheumatic Remedies , Clarke's; Boericke's
  - d) Understanding of Modern repertories (Complete, Synthetic, Synthesis, Phatak. etc)- their authors-philosophy-application of philosophy to practice.
- **Regional and Computerized Repertories and the future of Repertories**
  - a. Understanding regional repertories (Bell's diarrhea , Berridge's eye ,Minton's uterine therapeutics , Acoucher's Mannual, Respiratory Organs by Nash etc)-their authors-philosophy-application of philosophy to practice.
  - b. Card Repertories, Boger , Sankaran and Kishore.
  - c. Understanding computerized repertories – their creators – philosophy – utilities, approach to Materia Medica and limitations. Comparative analysis of the different software's available in the market.
  - d. Future scope of repertories- identifying future methods of use of repertory for study of Materia Medica – clinical conditions at mental and physical levels.

## **Reference books**

### **List of reference books of Homoeopathic Repertory**

1. J. T. Kent-Repertory of Homoeopathic Materia Medica ,B. Jain publisher. New Delhi
2. Fredrick Schroyens –Synthesis repertory , B. Jain publisher. New Delhi.
3. Robin Murphy- Homoeopathic Medical repertory , Indian books and periodicals publishers , Karoi Bagh, New Delhi.
4. Barthel and Klunker-Synthetic Repertory of Materia Medica , B. Jain publisher, New Delhi.
5. Allen T.F.-Boenninghausen's Theurapeutic Pocket book, B. Jain publisher, New Delhi.
6. C. M. Boger- Boenninghausen's Characteristics and Repertory, B. Jain publisher ,New Delhi.
7. Boericke W.- Boericke's Materia Medica with Repertory ,B. Jain publisher, New Delhi.

### **c. Organon of Medicine and Homoeopathic Philosophy**

- a.** General Philosophy-Study of Development of Western Philosophy and its reflections on Medicine in general and Homoeopathy in specific. (Existentialism, Substantialism, Realism, Pragmatism, Idealism, Romanticism Materialism, Naturalism, Vitalism)
- b.** Relationship between Philosophy, Science and Logic-Inductive and Deductive, Contribution of Lord Bacon, Logical fallacies, Application in Homoeopathy
- 3.** Development of the Scientific Spirit and Methods of Science with reference to Hahnemannian Homoeopathy as a Science. Study of Precursors of Organon-Medicine of Experience, An essay on the New Principles and Study of Editions of Organon in ground plan, Evolutionary study of Principle of Similia, Vital Principle, Posology and its Scientific application in Homoeopathy
- 4.** Concept and Methods of Drug proving integrating modern analytical developments in study of effects of drugs on human organism.
- 5.** Concept of Symptomatology, Susceptibility, Suppression and its importance in Totality formation- Local Application and Remedy-Reaction and regulation so that the various observations made by Hahnemann in the management of Chronic Diseases-One sided, Miasmatic, (Single and Complex), Mental diseases, Intermittent diseases, Surgical diseases, Local diseases.
- 6.** Concept of Aetiology, Pathology, Clinical Diagnosis, and their importance in understanding Homoeopathic Theory of Chronic Diseases; its Principles, Classification and Identification of the Four Miasmatic Types, their pre-dispositions and Diseases associated with each Type. Representation of the Four Miasmatic Types in the Homoeopathic Materia Medica and Classification of Drugs on Miasmatic Basis. Homoeopathic Management of Miasmatic Disorders and its impact on Therapeutics
- 7.** Principles & Applications of Organon in clinical practice-Management of Acute Diseases- Sporadic, Epidemic, Pandemic
- 8.** Post Hahnemannian contributions to the literature focusing on philosophical concepts, critical comparisons and applications in Materia Medica, Repertory and Medicine and allied branches focusing on Comparative study of the following concepts:
  1. Man in Health, Constitution, Diathesis, Disease, Recovery and Cure and its relation to Methods of Case Taking
  2. Symptomatology, Classification and Evaluation
  3. Susceptibility, Immunology, Suppression and Miasms

4. Remedy Administration: Potency-selection, Repetition, Second Prescription, Placebo and Remedy Relationship

The following authors will be studied in detail:

1. Boenninghausen
2. Kent
3. Boger
4. Stuart Close
5. Herbert Roberts

9. Remedy Administration: Potency-selection, Repetition, Second Prescription, Placebo and Remedy Relationship,

- i. Hering
- ii. J. H. Allen
- iii. Farrington
- iv. Richard Hughes
- v. Dunham
- vi. Clarke
- vii. Boericke
- viii. Sarkar
- ix. Whitmont
- x. Ortega
- xi. Dhawale

10. Comparative study of the Philosophical and Conceptual framework of Current Schools of medicine - Modern Medicine, Ayurveda, Unani, Siddha and Homoeopathy

### **Reference Books**

**B] List of Reference Books for Paper II (Organon of Medicine):**

- 1) S. Hahnemann - Organon of Medicine- 6<sup>th</sup> Edition, **B. Jain Publisher**, New Delhi.
- 2) S. Hahnemann-Lesser Writings, B. Jain Publisher, New Delhi.
- 3) S. Hahnemann-Chronic Diseases, B. Jain Publisher, New Delhi.
- 4) J. K. Kent—Lectures on Homoeopathy Philosophy, B. Jain Publisher, New Delhi.
- 5) Sarcar, B. K. Commentary on Organon of Medicine, Published by Bhattacharya and Company Pvt. Ltd., 73, Netaji S. road, Calcutta.
- 6) H. A. Robert - Principles and practices of Homoeopathy, B. Jain Publisher, New Delhi.



- 7) S. Close - Genius of Homoeopathy, B. Jain Publisher, New Delhi.
- 8) Boeninghausen - Lesser Writings, B. Jain Publisher, New Delhi.
- 9) Farrington - Lesser Writing, B. Jaia Publisher, New Delhi.
- 10) M. L. Dhawale, - Principles and Practices of Homoeopathy, Indian Books and Periodicals Publishers, New Delhi.

## **d. Homoeopathic Pharmacy**

**50 Marks**

**50% for Passing**

### **Syllabus**

#### **1. Pharmacokinetic**

- a. Absorption, distribution
- b. Biotransformation and excretion of Drugs
- c. Mechanism of drugs action and factors modifying drug actions
- d. Bio availability of drugs

#### **2. Pharmacodynamics**

- a. Factors effecting dose of a drug
- b. Structure activity relationship (SAR) ED50, LD50

#### **3. Development of new drugs**

- a. Drug proving on animal and human beings
- b. Ethical committee formation for drug studies on human Beings

#### **4. Standardization of drugs and vehicles through analytical methods and techniques**

- i. Biological
- ii. Mechanical
- iii. Chemical
- iv. Toxicological process and characteristics
- v. Laboratory methods of drug study
- vi. Role of HPL, Govt. of India, Ghaziabad

#### **5. Industrial Pharmacy (Homoeopathy)**

History of Homoeopathic Industry, Administration & Principals of Industrial Management in relation of homoeopathic pharmaceuticals

### **Reference Books**

1. Mandal & Mandal - Text Book of Homoeopathic Pharmacy, Published by New Central Book agency (P) Ltd. Chintamoni Das Lane, Kolkata.
2. Dr. Sumit Goel – Art and Science of Homoeopathic Pharmacy
3. Drug & Cosmetic Act 1940 (23rd of 1940)
4. The Homoeopathy Central Council Act 1973 (59 of 1973)
5. The Pharmacy Act 1948 (8 of 1948).

# PH.D. (HOM.) COURSE 2023, SYLLABUS -FACULTY OF HOMOEOPATHY

## Paper –I Research Methodology

### 1. Introduction (8 Hours)

Definition and objectives of research, Characteristics of research, Types of research- Descriptive *vs.* Analytical, Applied *vs.* Fundamental, Quantitative *vs.* Qualitative, Conceptual *vs.* Empirical.

Role of information and communication technology (ICT) in research, maintaining literature data using software tools, tabulation and graphical presentation of research data, use of statistical software tools in research.

#### Review of Literature

Importance of literature review in defining a research problem, sources of literature, identifying the gap areas from the literature review. Searching for publications: Publication databases, search engines and patent databases etc.

### 2. Research Problem Formulation (8 Hours)

Research problem formulation, determine the scope, objectives, limitations and assumptions of the identified research problem, justify basis for assumption, developing the objectives.

#### Methods of Data Collection

Static and dynamic characteristics of instruments used in experimental set up, calibration of various instruments, sampling methods, various methods of data collection, selection of appropriate method for data collection, data collection using a digital computer system, case studies of data collection.

### 3. Inferential Statistics and Hypothesis Testing (8 Hours)

Data processing, data analysis strategies and tools, Basic concepts concerning testing of hypotheses, procedures of hypothesis testing, generalization and interpretation, Hypothesis testing: Z-test, T-test, Chi Square test, Analysis of variance (ANOVA) etc.

### 4. Quantitative Methods and Applied Statistics (8 Hours)

Measurement of central tendency and dispersion, Probability distribution, Regression analysis, Parameter estimation, Multivariate statistics, Principal component analysis, moments and response curve methods, probable errors in research, error analysis, Hidden Markov Model (HMM)

### 5. Developing Research Report: (8 Hours)

Structure and components of scientific reports, types of report, developing research report.

**Thesis Writing:** Different steps and software tools in the design and preparation of thesis, layout, structure and language of typical reports, Illustrations and tables, bibliography, referencing and footnotes.

**Oral Presentation:** Creating and making effective presentation, use of visual aids, importance of effective communication.

### **6. Publishing of research work: (8 Hours)**

Design of conference and journal research paper, design of review paper, effective way of writing abstract, introduction, result and discussion and conclusion in research papers, answering the queries of reviewers. Importance of publication in standard databases such as Scopus, Web of science etc., understanding of h-index, citation index and impact factor.

**Research Ethics:** Ethical issues in research, plagiarism tools and its importance.

**Intellectual property rights (IPR):** Intellectual property rights and patent law, techniques of writing a Patent, filing procedure, technology transfer, copy right, royalty, trade related aspects of intellectual property rights.

<b>Assignments</b>	
1.	Identify and write the research gap areas based on the literature review.
2.	Use Mendeley or similar software and list the references in a report.
3.	Define a research problem and mention the scope and objectives of your research topic.
4.	Determine the limitations and assumptions of the identified research problem.
5.	Write a hypothesis for your identified research problem and apply the suitable method of hypothesis testing.
6.	Develop a research report based on your research area.
7.	Prepare effective power point presentation based on your research report.
8.	Present your research topic to the research committee.
9.	Design a review paper based on literature review carried out by you.
10.	Apply plagiarism tool and obtain the similarity index of your research report/manuscript.
11.	Learn any statistical tool such as R or SPSS and apply it to research data available in literature.

**Textbooks/References:**

1.	Wayne Goddard, Stuart Melville, Research Methodology: An Introduction, Juta and Company Ltd, 2004
2.	Ranjit Kumar, Research Methodology: A Step-by-Step Guide for Beginners, SAGE publications Ltd., 2011.
3.	C. R. Kothari, Research Methodology: Methods and Trends, New Age International, 2004
4.	S.D. Sharma, Operational Research, Kedarnath Ram Nath & Co., 1972
5.	B.L. Wadehra, Law relating to patents, trademarks, copyright designs and geographical indications, Universal Law Publishing, 2014.
6.	Donald Cooper, Pamela Schindler, Business Research Methods, McGraw-Hill publication, 2005.
7.	T. W. Anderson, An introduction to Multivariate Statistical Analysis, Wiley Eastern Pvt. Ltd. New Delhi.
8.	A. Fink, Conducting Research Literature Reviews: from the internet to paper, Sage Publications, 2009
9.	R. A. Day, How to write and publish a scientific paper, Cambridge University Press, 1992

## **Paper –II Specialized course in the subject of Research.**

### **Introduction**

Homoeopathy is known to the world since many years nevertheless the scientific foundation is still highly complex and ambiguous. Modern medicine has its own rational therapeutic approach supported with multiple researches and evidences. Ultra molecular nature of homoeopathic medicines need to be unravelled for generating systematic evidence for clinical effects of homoeopathic medicines. Secondly, basic research in homoeopathy is in infancy and requires to be fast tracked to current era. Not only clinical application but theoretical and conceptual science should also grow hand in hand. Ph.D students are expected to understand and apply this newer additions to the literature of homoeopathy with latest information. Evidence based medicine is the trend which a research student must follow for his own innovative studies and evolution of hypothesis.

### **Speciality Subjects.**

1. Homoeopathic Materia Medica
2. Homoeopathic Repertory
3. Homoeopathic Organon of Medicine
4. Homoeopathic Pharmacy

#### **a. Homoeopathic Materia Medica**

##### **Section-I**

1. Science and Philosophy of Hom. Materia Medica.

2. Concept of artificial and natural diseases. Concept of Drug Proving, new drug proving guidelines, Homoeopathic Pathogenetic trials (HPT) Phase –I protocol.
3. Concept of causation from the Hahnemannian perspective, viz. fundamental, exciting, maintaining causes and its application in the study of Hom. Materia Medica.
4. Bio-Psycho-Social concept of aetiopathogenesis and evolution of the disease phenomena to integrate with the study of Hom. Materia Medica.
5. Study of mental symptom, mental state, disposition, constitutions, temperaments and evolutionary study of Hom. Materia Medica.
6. Clinico- Pathological correlations of the diseases and integrating pathogenesis in study of Hom. Materia Medica and co-relating with miasms. Concept of suppression
7. Posology.
8. Clinical Materia medica and its practical application through study of comparative Materia medica.
9. Evolution of Hom. Materia medica with focus on the evolving concepts, masters and the books, their construction and utility. Focusing on source books.
10. Scope & Limitations of the current state of knowledge of Homoeopathic Materia medica with the demands of Clinical practice and Education.
11. Comparative study Of Homoeopathic Materia Medica in all systems of Medicine under AYUSH for integrated study so as to understand the Philosophical Background, Posological Study with difference in way of Preparations of the Medicine – can help promote solidarity and integrity in treatment of patients under the Umbrella of BIOETHICS

## **Section 2**

1. Building portrait of artificial drug disease through study of polychrests
2. Concept of generalization and group study of Homoeopathic materia medica – Plant families, Periodic table and Animal groups.
3. Comparative materia medica, remedy differentiation through reference to source books, commentaries and clinical materia medica.
4. Knowledge of remedy relationship in aiding second prescription.
5. Theory of Biochemic system of medicine and its Utility in clinical practice.
6. Bach flower remedies.
7. Nosodes (including Bowel nosodes), Sarcodes and Mother tinctures.
8. Repertorial techniques for the evolution of the drug pictures from symptoms.
9. Homoeopathic materia medica of acute illnesses / emergencies.
10. Review of latest research conducted in Homoeopathy- a) Homoeopathic Pathogenetic Trial b) Veterinary Homoeopathy c) Agro Homoeopathy  
Observational studies this will help in updating the application of Organ Remedies/Specifics.
11. Discussion on use of different Homoeopathic remedies in same clinical conditions- an overview with posological insight.

### **List of Reference Books for Homoeopathic Materia Medica & Therapeutics**

- 1 S.Hahnemann – Materia Medica Pura Vol-I & II, Jain publishers New Delhi
- 2 S.Hahnemann – Chronic Diseases Vol-I & II, B. Jain publishers New Delhi

- 3 T.F.Allen – Encyclopedia of Homoeopathic Materia Medica Vol 1 to 12, B. Jain publishers New Delhi
- 4 C.Hering –Guiding symptoms of Homoeopathic Materia Medica, B. Jain publishers New Delhi
- 5 J.T.Kent – Lectures on Homoeopathic Materia Medica, B. Jain publishers New Delhi
- 6 E.A.Farrington- Clinical Materia Medica, B. Jain publishers New Delhi
- 7 W.Boericke – Clinical Materia Medica, B. Jain publishers New Delhi
- 8 Jan Scholten – Homoeopathy & Minerals, Elements
- 9 Dr. Rajan Shankaran – Insight into Plant Kingdom Vol. I, II, III
- 10 Dr. George Vithalkous – Materia Medica Viva
- 11 Hughes - Cyclopaedia of Drug Pathogenesisy Anschutz - New Remedies
- 12 Boericke& Dewey - Twelve Tissue Remedies

## **b. Repertory**

### Section – I

#### **A.**Introduction to the Concept of Repertorisation and Historical evolution of the Repertory.

- a. Concept of Repertorisation and its relation with Homoeopathic Philosophy and Homoeopathic Materia Medica and understanding how the integration of the three helps in creation of a Repertory.
- b. Studying the Philosophy and scientific background of repertories
- c. Principles of Repertorisation –Prerequisites, Approaches, Methods & Techniques of Repertorisation.
- d. Classification of Symptoms and its presentations in the classical repertories.

#### **B.** General Principles of Repertorization– Generalization, Causation, Concomitance, Individualization, Evaluation, Analogy, Repertorial totality and Potential Differential Field.

#### **C.** Advances in repertorisation-Understanding computerized repertories and their utilities, approach to Materia medica, utility in the study of different groups and limitations. Comparative analysis of the different softwares and their special features.

1. Hahnemannian classification of disease- and its application in structuring different regional repertories.
2. Unprejudiced observer and the Techniques of Application of Principles to Practice.
3. Application of concept of generalization and individualization in the construction of repertory and repertorisation.
4. Concepts of Trait, Diathesis, Temperament and Disposition and its listing in the repertory
5. Conceptual Image-Understanding the different components of portrait and its conceptual background.
6. Understanding the meaning of the rubrics, cross references and synonyms in the light of changes in medical terminologies and pathological advances.

7. Presentation of different rubrics in different age groups (neonate, infant, adolescence, teenage, young adult, adult, geriatrics) and its representation in different repertories.
8. Different approaches to find out the similimum (eg. - classical, clinical, holistic, miasmatic, etc.)
9. Presentation of various disease condition in repertories and application of repertories in clinical practice and to enhance knowledge of Practice of Medicine, Surgery, Obstetrics & Gynaecology with relation to repertory.
10. Importance of miasmatic concepts in Homoeopathy and its presentation in different repertories. (Miasmatic Repertory by Dr.R.P.Patel, etc.).
11. Application of the concept of different types of diseases/disorders like acute disease, chronic disease, intermittent disease, mental disease, periodic disorders in structuring different regional and clinical repertories.

### **Section – II**

- D.** Three Classical Approaches of Repertories like Boenninghausen, Kent, Boger including their life work, concept of totality, philosophy, construction, adaptability, special features and criticism.
- E.** Clinical and Regional Repertories- Boericke's Repertory, Boger's Synoptic Key, Phatak's repertory, Bell's Diarrhea, Borland's pneumonia, Berridge's Eye Repertory, Sensation as if, Minton's Uterine Therapeutics, Allen's Therapeutics of Fevers, Clarke's Repertory To Dictionary of Practical Materia Medica, Clarke's Prescriber, Respiratory Organs by Nash etc.
- F.** Understanding of Puritan repertories (Lippe, Knerr's repertory, Gentry's repertory, Herring's Analytical Repertory of the Mind, etc) - their authors - philosophy – application of philosophy to practice.
- G.** Approach of Repertorisation and utility of Special Repertories in the cases of mental illnesses (Hering and Chitkara H.L. etc).
- H.** Modern repertories – Synthetic, Synthesis, Complete, Murphy. Etc.
- I.** Card Repertories: Boger, Sankaran and Kishore etc.
- J.** Future scope of repertories – identifying future methods of use of repertory for study of Materia Medica – clinical conditions at mental and physical level.

### **Recent Advances**

1. Homeopathic repertories and statistical principles in terms of likelihood ratio and probability of accurate repertorisation as well as precise outcomes.
2. Bayesian perspective with reference to opposite repertory-rubrics,
3. Homeopathic prescribing on epidemiological techniques.

### **List of reference books of Homoeopathic Repertory**

1. J. T. Kent-Repertory of Homoeopathic Materia Medica, B. Jain publisher. New Delhi
2. J. T Kent - New Remedies, Clinical Cases and Lesser Writings, B, Jain Publisher, New Delhi.
3. J.T Kent: Lesser writings.
4. J.T Kent: Lectures on Homoeopathic Philosophy.
5. Fredrick Schroyens –Synthesis repertory, B. Jain publisher. New Delhi.



6. Robin Murphy- Homoeopathic Medical repertory, Indian books and Periodicals Publishers , Karol Bagh, New Delhi.
7. Barthel and Klunker-Synthetic Repertory of Materia Medica, B. Jain publisher, New Delhi.
8. Allen T.F -Boenninghausen's Theurapeutic Pocket book, B. Jain publisher, New Delhi.
9. Boenninghausen - the Lesser Writings, B. Jain Publisher, New Delhi.
10. C. M. Boger: Boenninghausen's Characteristics and Repertory, B. Jain publisher, New Delhi.
11. C. M Boger: A Synoptic Key of the materia medica.
12. C. M. Boger: Studies in Philosophy of Healing, B. Jain Publishers. New Delhi.
13. C. M Boger: A Synoptic Key of the materia medica.
14. C. M Boger: General analysis.
15. C. M Boger: Times of remedies and moon phases.
16. Boericke W. - Boericke's Materia Medica with Repertory, B. Jain publisher, New Delhi.
17. Allen, H.C.: The therapeutics of fevers.
18. Allen: Symptom Register.
19. Gentry, W. D.: the Concordance Repertory of the materia Medica.
20. Knerr C. B. - Repertory of Herrings Guiding Symptoms of our Materia Medica, B. Jain Publisher, New Delhi.
21. Jugal Kishore - Card Repertory - Kishore Publication. Indira Chowk, Connaught Place, New Delhi
22. S. R. Phatak - Concise Repertory of Homoeopathy, B. Jain Publisher, New Delhi.
23. Hering -Analytical Repertory of the symptoms of mind, B. Jain Publisher, New Delhi.
24. Lippe's Repertory.
25. Clarke, J. H: A Clinical Repertory to the dictionary of Homoeopathic materia Medica.
26. Clarke, J. H: Prescriber.
27. Borland, Douglas: Pneumonias
28. Bell, J. B.: The Homoeopathic Therapeutics of Diarrhoea.
29. Berridge: Complete Repertory to the Homoeopathic materia Medica on the Diseases of the eye.
30. Minton-Uterine Therapeutics, B. Jain Publisher, New Delhi.
31. Bakshi, J.P.S.: Phoenix repertory.
32. Murphy, R: Homoeopathic Clinical repertory.
33. Hahnemann's - Chronic Diseases, B. Jain Publisher, New Delhi.
34. Hahnemann's - Materia Medica Pura, B. Jain Publisher. New Delhi.
35. Hahnemann, S: Organon of Medicine.
36. Hahnemann, S: Lesser writings.
37. Roberts, H. A.: Sensation as if.
38. Roberts, H. A.: The Rheumatic remedies.
39. Schmidt, P and DiwanHarishchand: Kent's Final general repertory.
40. J. H. Allen-Chronic Miasms, B. Jain Publisher, New Delhi
41. Tyler, M. L: Different Ways of Finding a Remedy.
42. Tyler, M. L. and John Weir, Repertorization.

43. Tyler M. L. Repertorising B. Jain Publisher, New Delhi.
44. Roberts, H. A.: Sensation as if.
45. Roberts, H. A.: The Rheumatic remedies.
46. H. A. Roberts - The Principles and Art of Cure by Homeopathy, B. Jain Publisher, New Delhi.
47. Stuart Close - Genius of Homoeopathy, B. Jain Publisher, New Delhi.
48. Zandvoort, Roger: Complete Repertory.
49. Zandvoort, Roger: Repertorium Universale
50. Patel, R. P: Art of Case taking and Practical Repertorization.
51. M. L. Dhawale- Principles and Practice of Homoeopathy.
52. M. L. Dhawale- ICR Symposium Volume on Hahnemannian Totality.

### **c. Homeopathic Organon of Medicine**

#### **Section – I**

#### **GENERAL PHILOSOPHY**

- c.** General Philosophy-Study of Development of Western Philosophy and its reflections on Medicine in general and Homoeopathy in specific. (Existentialism, Substantialism, Realism, Pragmatism, Idealism, Romanticism Materialism, Naturalism, Vitalism)
- d.** Relationship between Philosophy, Science and Logic-Inductive and Deductive, Contribution of Lord Bacon, Logical fallacies, Application in Homoeopathy
- e.** Universal Concept of Life in General and of “Man in Universe”. Study of different Models of Man and Basic Psychology and its implications in understanding Hahnemannian Concepts of Man in Health and Disease. Recovery and Cure, Suppression/ Palliation, Causation & Concomitant

#### **HAHNEMANN AND EVOLUTIONARY HAHNEMANNIAN PHILOSOPHY**

Following concepts have to be studied from Organon of Medicine 1st Edition to 6th Edition as it evolved and its application in the Clinical set up.

1. Concept of ‘Medical Observer’ and ‘Unprejudiced observer’ his 'Mission' and ‘Knowledges’ as conceived by Hahnemann. Methods to operationalize these in the light of current advances of methods to study man. Homoeopathic case taking and its various *Dos & don'ts*. Relationship with demands placed on the Healing Professions in the Modern World
2. Development of the Scientific Spirit and Methods of Science with reference to Hahnemannian Homoeopathy as a Science. Study of Precursors of Organon-Medicine of Experience, An essay on the New Principles and Study of Editions of Organon in ground plan, Evolutionary study of Principle of Similia, Vital Principle, Posology and its Scientific application in Homoeopathy
3. Concept and Methods of Drug proving integrating modern analytical developments in study of effects of drugs on human organism.
4. Concept of Symptomatology, Susceptibility, Suppression and its importance in Totality formation-Evolutionary study importance in Health, Constitution, Diathesis, Disease, Recovery, Cure, Drug-effects, Remedy-effects, Suppression and Palliation, Local Application and Remedy-Reaction and

regulation so that the various observations made by Hahnemann in the management of Chronic Diseases-One sided, Miasmatic, (Single and Complex), Mental diseases, Intermittent diseases, Surgical diseases, Local diseases.

5. Concept of Aetiology, Pathology, Clinical Diagnosis, and their importance in understanding Homoeopathic Theory of Chronic Diseases; its Principles, Classification and Identification of the Four Miasmatic Types, their pre-dispositions and Diseases associated with each Type. Combination of Miasms: Concept, Implications and Identification. Representation of the Four Miasmatic Types in the Homoeopathic Materia Medica and Classification of Drugs on Miasmatic Basis. Homoeopathic Management of Miasmatic Disorders and its impact on Therapeutics
6. Principles & Applications of Organon in clinical practice-Management of Acute Diseases-Individual, Sporadic, Epidemic, Pandemic
7. Remedy-Selection: Concepts of Individualization; Totality of Symptoms; and Portrait of the Disease Remedy Administration: Potency-selection, Repetition, Second Prescription, Placebo and Remedy Relationship,
8. Concept of Non remedial, ancillary methods in treatment of diseases.
9. Importance of an in-depth study of Aphorisms 1-6 as conveying the Fundamental Approach to the teaching of Organon and Homoeopathic Philosophy.

## **Section – II**

Post Hahnemannian contributions to the literature focusing on philosophical concepts, critical comparisons and applications in Materia Medica, Repertory and Medicine and allied branches focusing on Comparative study of the following concepts:

1. Man in Health, Constitution, Diathesis, Temperament, Disease, Recovery and Cure and its relation to Methods of Case Taking
2. Symptomatology, Classification and Evaluation
3. Susceptibility, Immunology, Suppression and Miasms
4. Remedy Administration: Potency-selection, Repetition, Second Prescription, Placebo and Remedy Relationship

The following stalwarts will be studied in detail:

1. Boenninghausen
  2. Kent
  3. Boger
  4. Stuart Close
  5. Herbert Roberts
5. Study of the contributions of other illustrious followers- old and recent- to the literature focusing on philosophical concepts, critical comparisons and applications in Materia Medica, Repertory and Medicine and allied branches focusing on Comparative study of the following concepts
    - a. Man in Health, Constitution, Diathesis, Disease, Recovery and Cure and its relation to Methods of Case Taking
    - b. Symptomatology, Classification and Evaluation
    - c. Susceptibility, Immunology, Suppression and Miasms

- d. Homoeopathic Theory of Chronic Diseases; its principles and interpretation **in the light of present knowledge**. Clinical Classification and Identification of the Four Miasmatic Types, Combination of Miasms: Concept, Implications and Identification. Representation of the Four Miasmatic Types in the Homoeopathic Materia Medica and Classification of Drugs on Miasmatic Basis. Homoeopathic Management of Miasmatic Disorders and its impact on Therapeutics
- e. Remedy Administration: Potency-selection, Repetition, Second Prescription, Placebo and Remedy Relationship,
  - i. Hering
  - ii. J. H. Allen
  - iii. Farrington
  - iv. Richard Hughes
  - v. Dunham
  - vi. Clarke
  - vii. Boericke
  - viii. Sarkar
  - ix. Whitmont
  - x. Ortega
  - xi. Dhawale
6. Comparative study of the Philosophical and Conceptual framework of Current Schools of medicine - Modern Medicine, Ayurveda, Unani, Siddha and Homoeopathy
7. Concept of Law of simplex/minimum/single; Law of Similars: Evolution, Deduction, and Scientific Experimental Proof; Application and Corollaries Concept of the Dynamic Action and the Dose, in Relation to current research in Physics, metaphysics, quantum theory, molecular and nanomedicine.

**B] List of Reference Books for Paper II (Organon of Medicine):**

- 1) S. Hahnemann - Organon of Medicine- 6<sup>th</sup> Edition, **B. Jain Publisher**, New Delhi.
- 2) S. Hahnemann-Lesser Writings, B. Jain Publisher, New Delhi.
- 3) S. Hahnemann-Chronic Diseases, B. Jain Publisher, New Delhi.
- 4) J. K. Kent—Lectures on Homoeopathy Philosophy, B. Jain Publisher, New Delhi.
- 5) Sarkar, B. K. Commentary on Organon of Medicine, Published by Bhattacharya and Company Pvt. Ltd., 73, Netaji S. road, Calcutta.
- 6) H. A. Robert - Principles and practices of Homoeopathy, B. Jain Publisher, New Delhi.
- 7) S. Close - Genius of Homoeopathy, B. Jain Publisher, New Delhi.
- 8) Boeninghausen - Lesser Writings, B. Jain Publisher, New Delhi.
- 9) Farrington - Lesser Writing, B. Jain Publisher, New Delhi.
- 10) M. L. Dhawale, - Principles and Practices of Homoeopathy, Indian Books and Periodicals Publishers, New Delhi.

**d. Homoeopathic Pharmacy**

**Section- I**

**General Pharmacy, Pharmacology & Experimental Pharmacology in relation to Homoeopathic Drugs**

- A. Source, identification, collection, preparation, potentization, preservation, prescription
- B. Pharmacology: Pharmacokinetic, Pharmacodynamics, Biopharmaceutics
- C. Pharmacognosy.
- D. Principles of Dispensing
  - a. Posology
  - b. Potency and duration of action
  - c. Metrology
  - d. Prescription writing
  - e. Pharmaceuticals calculations

## **Section - II**

- A. Standardization and validation of homeopathic medicines
- B. Good manufacturing practises
- C. Pharmacopoeia across the globe
- D. Total Quality Management in homeopathic pharmaceuticals
- E. Legislations partregarding homeopathic pharmacy
- F. Industrial Pharmacy

### **Recent Advances**

1. Systematic protocol regarding phase1 human pathogenic trials (human drug proving in homeopathy).
2. Quasi-quantum model of potentization
3. Extreme homeopathic dilutions and retention of starting material, (Advances in detection techniques of ultra molecular structure of homeopathic dilutions
4. Nano homeopathy and epitaxy
5. Mice and rat models in homeopathic formulation studies

### **List of Recommended Reference Books for Homoeopathic Pharmacy:**

1. Mandal & Mandal - Text Book of Homoeopathic Pharmacy, Published by New Central Book agency (P) Ltd. Chintamani Das Lane, Kolkata.
2. Dr. Sumit Goel – Art and Science of Homoeopathic Pharmacy
3. Drug & Cosmetic Act 1940 (23rd of 1940)
4. The Homoeopathy Central Council Act 1973 (59 of 1973)
5. The Pharmacy Act 1948 (8 of 1948).

**C. Paper- III** – Presentation: On Literature survey and the Review of the work done earlier on the topic of Research.

Section 1. Review of the work done earlier on the topic of Research

Section 2. Literature survey on the topic of Research

### **D. Paper- IV Research and Publication Ethics**

Evaluation: Total Marks 50: (20 TE+30 UE) Internal Continuous assessment of 20 marks will be done through 10 marks for publishing research paper and 10 marks for assignments, quizzes, group discussion and presentation. University Examination of 30 marks will be by final written examination. There will be 6 questions of 5 marks each with internal option available to all questions covering entire syllabus of the course.

### **Syllabus in detail (Theory)**

#### RPE 01: Philosophy and Ethics: 4 hours

1. Introduction to philosophy: Definition, nature and scope, concept, branches
2. Ethics: Definition, moral philosophy, nature of moral judgment and reactions.

#### RPE 02: Scientific Conduct: 4 hours

1. Ethics with respect to science and research, Unethical Practices Nearly Identical to research misconduct
2. Intellectual honesty and research integrity
3. Scientific misconducts: Falsification, Fabrication and Plagiarism (FFP), idea, data, method and text plagiarism
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data.

#### RPE 03: Publication Ethics: 7 hours

1. Publication Ethics: Definition, introduction and importance, citations styles, objectivity, relevance, and transparency of the paper
2. Best Practices/ standards settings initiatives and guidelines: COPE, WAME, etc
3. Conflicts of interest with copyrights and patents
4. Publication misconduct: Definition, concept, problems that lead to unethical behaviour and vice versa, types
5. Violation of publication ethics, authorship and contributor ship
6. Dominant laws regarding research ethics
7. Infringement 2pd enforcement of Copyright and Patents

### **Practical**

#### RPE 04: Open Access Publishing: 4 hours

1. Open Access Publications and Initiatives
2. SHERPA/ RoMEO online resource to check publisher copyright and self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder/ journal suggestions tools viz JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

#### RPE 05: Publication Misconduct: 4 hours

- A. Group Discussions (2 hrs.)

1. Subject specific ethical issues, FFP, authorship
  2. Conflicts of interest
  3. Complaints and appeals: examples and fraud from India and abroad
  4. Peer review proces
- B. Software Tools (2 hrs.)  
Use of plagiarism software like Turnitin, Urkund, cross check, plagscan, Crossref and other open source software tools.

#### RPE 06: Database and Research Metrics: 7 hours

- A. Databases (3.5 hrs.)
1. Indexing databases
  2. Citation Databases: Web of Science, Scopus, etc.
  3. Open databases
- B. Research Metrics (3.5 hrs.)
1. Impact factor of journal as per Journal Citation Report, SNIP, SJR, IPP, and Cite Score
  2. Metrics: h- index, g index, i 10 index, altmetrics. Web services: Mendeley, Zotero like platforms for citation and referencing

#### References:

1. Bird,A. (2006) Philosophy of Science. Routledge.
2. MacIntyre, Alasdair (1967) A Short History of Ethics. London.
3. P.Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN: 978-9387480865
4. National Academy of Science. National Academy of Engineering and Institute of Medicine. (2009). On being a scientist: A Guide to Responsible Conduct in Research: Third Edition. National Academies Press.
5. Resnik,D.B. (2011). What is ethics in research and why it is important. National Institute of Environmental Health Sciences, 1-10. Retrieved from <https://www.nieths.nih.gov/research/resources/bioethics/whatis/index.cfm>
6. BeallJ. (2012). Predatory publishers are corupting open access. Nature, 489(7415), 179-179.
7. <https://doi.org/10.1038/489179a>
8. Indian National Science Academy (INSA), Ethics in Science Education, Research and 978-81-939482-1-7. Governance (2019). ISBN: [https://www.insaindia.res.in/pdf/Ethics\\_Book.pdf](https://www.insaindia.res.in/pdf/Ethics_Book.pdf)
9. Resnik, Shamoo Responsible conduct of Research: Oxford University Press
10. Comstock: Research ethics: Cambridge University Press
11. Robin: Research ethics: Indiana University press
12. Tony Mayer: Promoting Research Integrity in a Global Environment: World Scientific Publishing
13. Paul Oiver: The Student's Guide to Research Ethics: Open University Press
14. Kambadur Muralidhar, Amit Ghosh Ashok Kumar Singhvi.: Ethics in Science Education, Research and Governance: Indian National Science Academy
15. David V Thiel : Research methods for Engineers: Cambridge Press
16. Isabella Paoletti, Maria Isabel Tomás and Femanda Menéndez. (2013). Practices of Ethics: An Empirical Approach to Ethics in Social Sciences Research. Cambridge Scholars Publishing. UK.

17. Bridges David. (2017). Philosophy in Educational Research Epistemology, Ethics, Politics and Quality. Springer International Publishing.
18. Clive Opie (2004). Doing Educational Research A Guide for First time researchers. New Delhi: Vistar Publications.
19. Dobrick Farina Madita... (et. al) (Ed) (2018). Research Ethics in the Digital Age Ethics for the Social Sciences and Humanities in Times of Mediatization and Digitization. Springer VS.
20. Peter Pruzan. (2016). Research Methodology: The Aims, Practices and Ethics of Science. Switzerland. Springer International Publishing.

#### D. Examination Pattern –

Course	Credits	Assessment	
		Internal Evaluation (IE)	University Examination (UE)
Research Methodology	4	Maximum Marks: 40 <ul style="list-style-type: none"> <li>▪ Class Participation: 10</li> <li>▪ Assignment / Objective Test: 10</li> <li>▪ Presentation: 20</li> </ul>	Maximum Marks: 60 Duration: 3 Hours (180 minutes)
Recent Advances in Specialty Subjects <ul style="list-style-type: none"> <li>• Homoeopathic Materia Medica</li> <li>• Homoeopathic Repertory</li> <li>• Homoeopathic Organon of Medicine</li> <li>• Homoeopathic Pharmacy</li> </ul>	4	Above criterion is tentative in nature. Deans may formulate an appropriate criterion for their Academic Faculties.	<ul style="list-style-type: none"> <li>▪ Only one section containing 8 questions of 10 marks each</li> <li>▪ Attempt any 6 questions</li> <li>▪ Each answer sheet will be evaluated by two examiners (internal and external) and their average is taken</li> </ul>
Presentations on Proposed Research Work	2	Maximum Marks: 50 <ul style="list-style-type: none"> <li>▪ Review of Literature: 25</li> <li>▪ Proposed Research Work: 25</li> </ul>	-
Research and Publication Ethics	2	Maximum Marks: 20 <ul style="list-style-type: none"> <li>▪ Class Participation: 10</li> <li>▪ Review published/communicated: 10</li> </ul>	Maximum Marks: 30 Duration: 1.5 Hours (90 minutes) <ul style="list-style-type: none"> <li>▪ Only one section</li> </ul>



		Above criterion is tentative in nature. Deans may formulate an appropriate criterion for their Academic Faculties.	<p>containing 5 questions of 10 marks each</p> <ul style="list-style-type: none"> <li>▪ Attempt any 3 questions</li> <li>▪ Each answer sheet will be evaluated by two examiners (internal and external) and their average is taken</li> </ul>
--	--	--	---

**Coursework Result:**

- Combined passing for each course (IE+UE)
- Minimum percentage to pass a course as well as entire coursework: 55%
- Grading System: UGC 10-point scale