

Subject Name: Homoeopathic Materia Medica

Subject code: HomUG-HMM-IV

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1. Course outcomes (CO)

At the end of BHMS IV course, the students should be able to-

- i. Co-relate the knowledge of Practice of medicine, Community medicine and Surgery, GyOb in better understanding of Homoeopathic Materia Medica.
- ii. Formulate the drug picture/portrait of remedy using the knowledge of symptomatology and knowledge of clinical subjects.
- iii. Explore the depths of clinical dimensions of Materia Medica for better understanding of a given remedy.
- iv. Discuss the importance of Group Characters in better understanding of Homoeopathic Materia Medica.
- v. Enable the learner to grasp the concept and process of comparative materia medica and differentiation of the remedies.
- vi. Relate the dimensions of clinical knowledge and integrate with proving to develop regional materia medica.
- vii. Co-relate knowledge of Miasms in understanding symptomatology of remedies.
- viii. Study of remedy relationship and concordances.
- ix. Study the symptomatology and scope of Mother Tictures in clinical practice.
- x. Study of Repertorial Rubrics withits corelation to the symptoms of Homoeopathic Materia Medica.
- xi. Record both acute and chronic history of a given case in proper sequence as per guidelines given in Organon.
- xii. Construct the characteristic totality of the case to arrive at the similimum.

2. Learning objectives (LO)

- i. Discuss the importance of group characters in better understanding of Homoeopathic Materia Medica.
- ii. Describe the group characters of Nosodes, Magnesium and Metals.
- iii. Describe group characters of families of plant kingdom Loganiaceae, Compositae, Solanaceae, Ranunculaceae, Papaveraceae, Cucurbitaceae, Liliaceae etc.
- iv. Application of knowledge of Mother Tinctures in clinical practice.
- v. Discuss the concept of Diathesis in better understanding of the symptomatology of the remedies.
- vi. Understand the Remedy Relationship and concordance for better application of Homoeopathic Materia Medica.

- vii. Understand the drug picture of the remedies of Fourth BHMS in context of its Pharmacological data, Doctrine of signature, Sphere of Action, Pathogenesis, Ailments From, Constitution, Temperament, Diathesis, Miasmatic background, Mentals, Physical Generals, Particulars, Modalities, Remedy Relationship, Comparison including clinical indications.
- viii. Integrate the knowledge of Anatomy, Physiology, Pharmacy, Pathology, Toxicology, Organon of medicine, Surgery, Obstetrics and Gynaecology, Practice of medicine, Community Medicine and Repertory for better understanding of a particular drug.
- ix. Compare and contrast symptoms of similar remedies of I, II, III and IVBHMS syllabus.
- x. Record both acute and chronic history of a given case in proper sequence as per guidelines given in Organon.
- xi. Demonstrate the physical examination skills with reference to knowledge of Surgery, Obstetrics and Gynaecology and Practice of medicine.
- xii. Recognize the importance of investigations in a given case.
- xiii. Analyze the symptoms of a case to categorize as Mentals, Physical Generals and Physical Particulars.
- xiv. Evaluate the symptoms of the case.
- xv. Construct the characteristic totality of the case to arrive at the Similimum
- xvi. Identify the probable rubrics.
- xvii. Repertorise the given case and indicate the remedy.
- xviii. Arrive at the indicated remedy with appropriate Posology and auxilliary mode of treatment.

3. Course content and its term wise distribution

3.1. Content for Term I:

- 3.1.1. Assessment of entry behaviour for I, II and III BHMS syllabus
- 3.1.2.** Describe the group characters of Magnesiums and Metals.
- 3.1.3.** Describe the group characteristic symptoms of Compositae, Loganceae, Solanaceae and Ranunculaceae family
- 3.1.4.** Integrating the knowledge of Practice of Medicine, Community medicine, Surgery, Gynaecology and Obstetrics, Organon of medicine and Repertory in a better understanding of Homoeopathic Materia Medica
- 3.1.5.** Study the scope of Mother Tinctures in clinical practice.

3.1.6. Homoeopathic medicines:

1. Abies canadensis	15. Justicia adhatoda	29. Plumbum Metallicum
2. Abies nigra	16. Lac Caninum	30. Rheum
3. Abroma augusta	17. Lac Defloratum	31. Rumex crispus
4. Abrotanum	18. Lobelia inflata	32. Sabadilla
5. Acalypha indica	19. Magnesium Carbonicum	33. Sambucus nigra
6. Artemisia vulgaris	20. Magnesium Muriaticum	34. Sanicula aqua
7. Avena sativa	21. Mephitis	35. Squilla maritima
8. Blatta Orientalis	22. Mercurius Corrosivus	36. Stannum Metallicum
9. Cedron	23. Mercurius Cyanatus	37. Sticta Pulmonaria
10. Cicutia virosa	24. Mercurius Dulcis	38. Valeriana officinalis
11. Condurango	25. Mercurius Solubilis	39. Zincum Metallicum
12. Corallium rubrum	26. Mercurius Sulphuricus	
13. Cuprum Metallicum	27. Ocimum sanctum	
14. Eupatorium perfoliatum	28. Passiflora incarnata	

3.2. Content of Term II

3.2.1. Describe the concept of Nosodes and their use as Intercurrent Remedies

3.2.2. Describe the group characteristic symptoms of Papaveraceae, Liliaceae, and Cucurbitaceae family

3.2.3. Homoeopathic medicines:

1. Adonis vernalis	14. Glonoine	27. Rauwolfia serpentina
2. Amyl Nitrosum	15. Hydrocotyl asiatica	28. Rhododendron
3. Anthracinum	16. Jonosia asoka	29. Sanguinaria canadensis
4. Bacillinum	17. Kalmia latifolia	30. Spigelia
5. Baryta Muriaticum	18. Lyssinum	31. Syphilinum
6. Calotropis	19. Malandrinum	32. Syzigium jambolinum
7. Carbo animalis	20. Medorrhinum	33. Tuberculinum
8. Carcinocin	21. Melilotus alba	34. Vaccininum
9. Carica papaya	22. Menyanthes trifoliata	35. Variolinum
10. Casia saphora	23. Mezerium	36. Veratrum Viridae
11. Crataegus oxycantha	24. Psorinum	37. Vinca minor
12. Diphtherinum	25. Pyrogenium	
13. Ficus religiosa	26. Rannunculus bulbosus	

4. Teaching hours

4.1. Gross division of teaching hours:

Homoeopathic Materia Medica		
Year	Teaching hours- Lectures	Teaching hours- Non-lectures
IV BHMS	200	83

4.2. Teaching hours theory (Term I and II):

S. no.	List of Topics	Hours
1.	Assessment of entry behavior of I, II and III BHMS syllabus	2
2.	Explain the concept of Nosodes Explain the use of nosodes as intercurrent remedies	3
3.	Scope of Mother Tinctures in Clinical Practice	2
4.	Describe the group characters of Metals, Magnesiums and group characteristics of plant families-Compositae, Loganiaceae, Solanaceae, Ranunculaceae, Cucurbitaceae, Liliaceae, and Papaveraceae.	18
5.	Integrating the knowledge of Practice of medicine, Community medicine, Organon of medicine and Repertory in a better understanding of Homoeopathic Materia medica	5
6.	Study of Drugs (Term I)	85
7.	Study of Drug picture (Term II)	85
	Total	200

4.3. Teaching Hours Non-lecture: There shall be 83 non lecture hours divided into activities as mentioned in table given below

Sr. No	Non-Lecture Teaching Learning methods	Term	Time Allotted per Activity (Hours)
1	Clinical (to be integrated with topics under Practice of Medicine, Surgery and ObGy, Community Medicine, Repertory)	I & II	58
2	Demonstrative	I & II	25
2(a)	Seminar / Tutorials		20
2(b)	Problem based learning/ Case Based Learning /Assignment/Symposium/Group Discussion/Role Play or drug picture presentation		5
	Total		83

5. Content mapping (competencies tables)

5.1. Competencies table-Theory (to be used as per the requirements of a given drug)

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM- IV-1.1	K & S PC HO	KH K	Assessment of entry behaviour of I, II and III BHMS syllabus	Recall the knowledge of I , II and III BHMS syllabus	C1	MK	Group Discussion	MCQ	MCQ SAQ LAQ	Spiral integration with Homoeopathic Materia medica Vertical integration with Anatomy, Physiology, Pharmacy, Psychology, Organon) Pathology, Toxicology, Surgery, GyOb, P OM

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM-IV-1.2			Concept of Nosodes	Explain the concept of Nosodes	C2	MK	Lecture PPT	MCQ Assignment Project	SAQ LAQ	Vertical integration with Organon, Pathology Spiral integration with HMM
HomUG -HMM-IV-1.3				Explain the use of Nosodes as Intercurrent Remedies	C2	MK	Library references			
HomUG -HMM-IV-1.4			Scope of Mother tinctures in Clinical Practice	Study the application of knowledge of Mother Tinctures in Clinical Practice	C2	MK	Team teaching	MCQ Assignment Project	SAQ LAQ MCQ	Vertical integration with Organon, Pharmacy Spiral integration with HMM
HomUG -HMM-IV-1.5			Integrating the knowledge of Surgery, Gynaecology and Obstetrics, Practice of Medicine, Community Medicine, and Organon and Repertory in a better understanding of	Justify the utility of knowledge of Surgery, GyOb, POM, Community Medicine, Organon and Repertory in better understanding of Homoeopathic Materia Medica	C2	MK				
HomUG -HMM-IV-1.6				Describe the totality of drug in a given clinical	C2	MK				

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM-IV-1.7			Homoeopathic Materia Medica	condition. Explore the therapeutic application of the drug in a given clinical condition.	C2	MK				
HomUG -HMM-IV-1.8		KH K	Describe the group characters of a given group	Recall the basic characters of a group from the knowledge of Chemistry, Botany and Zoology	C1	DK	Lecture	MCQ	SAQ	Spiral integration with HMM Vertical integration with Pharmacy and Organon
HomUG -HMM-IV-1.9				Co-relate the basic character of a group with symptomatology from Materia Medica (Doctrine of Signature)	C2	MK	PPT Handout Specimen	Assignment Project	LAQ Viva	
HomUG -HMM-IV-1.10				Indicate the Source, Family, Kingdom, Preparation	C1	MK	Small group discussion			

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG-HMM-IV-1.11				List the common ailments of a given group	C 1	MK				
HomUG-HMM-IV-1.12				Mention the physical constitution of the given group	C1	MK				
HomUG-HMM-IV-1.13				Mention and justify the Diathesis	C2	MK				
HomUG-HMM-IV-1.14				Mention and justify the predominant Miasm	C2	MK				
HomUG-HMM-IV-1.15				Enumerate the group characteristics	C1	MK				
HomUG-HMM-IV-1.16				Describe the Mental symptoms of a given group. Co-relate the Mental Symptoms with Doctrine of	C2	MK				

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM-IV-1.17				Signature						
HomUG -HMM-IV-1.17				Enumerate the common modalities of a given group	C1	MK				
HomUG -HMM-IV-1.18				List the clinical indications of a group	C1	MK				
HomUG -HMM-IV-1.19				Co-relate the knowledge of group indication to individual remedy of the group and differentiate individual remedy in a given group	C2	MK				
HomUG -HMM-IV-1.20				Compare and contrast indications of given group with other groups	C2	MK				

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM-IV-1.21				Mention the relationship of given group with other group	C2					
HomUG -HMM-IV-1.22	K & S PC HO	KH K	Individual Homoeopathic medicines	Cite the common name Mention the source/ family/kingdom Indicate the prover	C1	MK	Lecture/ Specimen	MCQ Viva	MCQ	Vertical integration with Pharmacy
HomUG -HMM-IV-1.23				Correlate with doctrine of signature	C2	MK	Lecture/ Specimen	MCQ Viva	MCQ	Vertical integration with Pharmacy and Physiology
HomUG -HMM-IV-1.24				List the sphere of action	C1	MK	Lecture Self – learning Small	Assignment Project MCQ	LAQ SAQ MCQ Viva	Horizontal Integration with Pathology,

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM-IV-1.25				Narrate the Ailments From	C2		Group Discussion Black Board	Viva		Toxicology, ObGy,PM, Surgery and Organon
HomUG -HMM-IV-1.26				Describe the Constitution and Temperament	C1		PPT Handouts Role play PBL			Vertical integration with Anatomy Pharmacy , Psychology and Physiology
HomUG -HMM-IV-1.27				Explain the Mental Symptoms	C1					
HomUG -HMM-IV-1.28				Explain the Physical Generals	C1					
HomUG -HMM-IV-1.29				Outline the general modalities	C1					

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM-IV-1.30				Describe the Particular symptoms and Modalities	C2					
HomUG -HMM-IV-1.31				Describe the predominant Miasm	C2					
HomUG -HMM-IV-1.32				Mention the relationship of Remedies	C2					
HomUG -HMM-IV-1.33				Recall the clinical indications of the remedy	C2					
HomUG -HMM-IV-1.34				Co-relate with rubrics from Repertory	C2					

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomUG -HMM- IV-1.35				Co-relate the pathogenesis with Knowledge of Practice of Medicine, Surgery, Gy-Ob and Miasms	C2					
HomUG -HMM- IV-1.36				Compare and Contrast the related remedies of First, Second, Third and Fourth BHMS Syllabus	C2					

5.2 COMPETENCIES TABLE- Practical/clinical

S. No.	Competency	Millers Level:	Content	SLO/ Outcome	Blooms Domain / Guilbert's Level	Priority	T-L Methods/ media	Assessment		Integration
								Formative	Summative	
HomU G-HMM-IV-2.1	K & S	SH	Case taking	Demonstrate the steps of case taking as per guidelines given in Organon of Medicine.	P/A2	MK	Demonstration Checklist DOPS	DOPS	Clinical performance	Horizontal Integration with Pathology, , ObGy, Surgery Practice of Medicine, Community Medicine Organon and Repertory
	PC	KH						CBD		
HomU G-HMM-IV-2.2	HO	KH	Clinical examination	Demonstrate the clinical examination skills	P/A2			Small project		
	CS									
HomU G-HMM-IV-2.3	PBLI	KH	Interpretation of investigations	Recognise the importance of interpretation of investigations.	C2					
	Prf									
HomU G-HMM-IV-2.4			Case analysis	Analyse the Case	C2					

HomU G- HMM- IV-2.5				Evaluate the case	C2					
HomU G- HMM- IV-2.6				Construct the totality of the case.	C2					
HomU G- HMM- IV-2.7				Indicate the probable rubrics.	C2					
HomU G- HMM- IV-2.8				Repertorise the given case	C2					
HomU G- HMM- IV-2.9				Arrive at indicated remedy with appropriate posology and auxiliary line of treatment	C2					

6. Teaching learning methods

Lectures (Theory)	Non-lectures (Practical)
Lectures	Clinical demonstration
Small group discussion	Problem based discussion
Integrated lectures	Case based learning
Assignments	Tutorials
Library reference	Seminars
Self-learning	Symposium

7.Details of assessment

7A - Scheme of overall assessment (Formative and Summative)

Sr. No	Professional Course	1 st term (1-6 Months)		2 nd Term (7-12 Months)		
		1 st PA	1 ST TT	2 nd PA	FUE	
1	Fourth Professional BHMS	20 Marks Viva	100 Marks Practical/ Viva <ul style="list-style-type: none"> • Viva voce -50 marks • Case Taking, and Case Presentation (detailed case history, analysis, evaluation, repertorisation, prescription) – 50 marks 	20 Marks Viva	200 marks theory	200 marks (Clinical/practical+ Viva+ IA)

PA: Periodical Assessment; TT: Term Test; FUE: Final University Examinations

7B- Number of papers and Marks Distribution for Final University Examination (FUE)

Sr. No.	Course Code	Papers	Theory	Practical/ Clinical	Viva Voce	Internal Assessment- Practical only (IA)*	Grand Total
1	HomUG-HMM-IV	02	200 marks <i>(100 marks each)</i>	100 marks <ul style="list-style-type: none"> • Chronic Case taking and case presentation (detailed case history, analysis, evaluation, repertorisation, prescription) - 60 marks • Acute case taking, processing and prescribing – 30 marks • Journal -10 marks (20 acute and 10 chronic cases) 	80 marks	20 arks	400 marks

***Method of Calculation of Internal Assessment Marks for Final University Examination:**

$$IA = PA I (20 \text{ Marks}) + TT (100 \text{ Marks}) + PA II (20 \text{ Marks})/140 \times 20$$

7C - Paper Layout

Summative assessment:

Theory- Paper I and II (100 marks each)

MCQ	10 marks
SAQ	40 marks
LAQ	50 marks

7-D-I Distribution of Theory exam-Paper I

Sr. No	Paper	A	B	C	D		
					MCQ	SAQ	LAQ
		List of Topics	Term	Marks	(1 Mark)	(5 marks) Marks)	(10 Marks)
1		Theoretical part of I, II, and III BHMS	I	Refer to 11.4-	02	02	01

2	Group Indications- Calcarea,Natrums,Kali,Acids,Sarcodes,Ophidia,Spiders	I	A	No	No	01
3	Integrating knowledge of Practice of Medicine, Surgery, GyOb, Organon and Repertory in better understanding of Homoeopathic Materia Medica	I		No	01	No
4	Homoeopathic Medicines(BHMS I, II, III Syllabus)	I		08	05	03
	Total(out of 100)			10(10Marks)	08(40Marks)	05(50 Marks)

7-D-II Distribution of Theory exam-Paper II

Sr. No	Paper	A	B	C	D		
					Type of Questions "Yes" can be asked. "No" should not be asked.		
	List of Topics	Term	Marks	MCQ (1 Mark)	SAQ (5 Marks)	LAQ (10 Marks)	
1	Group Indications-Nosodes, Metals, Magnesium	I & II	Refer to the 11.4-A	02	01	01	
	Family Study-Compositae, Loganaceae, Solanaceae, Ranunculaceae, Cucurbitaceae,	I & II					

	Liliaceae, and Papaveraceae.					
2	Integrating the knowledge of Practice of Medicine, Community Medicine, Organon and Repertory in a better understanding of Homoeopathic Materia Medica	I & II		No	01	No
3	Study of application of knowledge of Mother Tinctures in clinical practice	I & II		No	01	No
4	76 Homoeopathic drugs	I & II		08	05	04
	Total (out of 100)			10(10Marks)	8(40Marks)	5(50)

7-D-III Theme table

Theme*	Topics	Term	Paper	Marks	MCQ's	SAQ's	LAQ's
Y(A-C, E, G, I-M)	BHMS I, II, III Syllabus-Introductory Part	I	I	22	2	2	1
Z(D, F, N)	BHMS I, II, III Syllabus (Homoeopathic Drugs)	I	I	68	8	6	3
H	Describe the group characters of Sarcodes, Acids, Noble Metals, Natrum, kali, Calcarea, Ophidia and Spider group of remedies	I	I	10	No	No	1

O	Group indications –Nosodes, Metals, Magnesium Family Study-Compositae, Loganaceae, Solanaceae, Ranunculaceae, Cucurbitaceae, Liliaceae, Papaveraceae etc	I&II	II	17	2	1	1
P	Integrate the knowledge of Practice of Medicine,Community Medicine, Organon and Repertory in better understanding of Homoeopathic Materia Medica	I	II	5	No	1	No
Q	Study the application of knowledge of Mother Tinctures in clinical practice (with reference to their application Surgery, GyOb and POM)	I&II	II	5	No	1	No
R	76 Homoeopathic drugs (IV BHMS Syllabus)	I&II	II	73	08	05	04

7-E-I Question Paper Blueprint-Paper I

A Question Serial Number	B Type of Question	Question Paper Format (Refer table 11.4 Theme table for themes)
Q1	Multiple Choice Questions(MCQ) 10 Questions 1 mark each All compulsory Must know part: 7 MCQ Desirable to know: 2 MCQ. Nice to know: 1 MCQ	1. Theme Y 2. Theme Y 3. Theme Z 4. Theme Z 5. Theme Z 6. Theme Z 7. Theme Z 8. Theme Z 9. Theme Z 10. Theme Z
Q2	Short answer Questions (SAQ) Eight Questions 5 Marks Each All compulsory Must Know part: 6 SAQ Desirable to Know: 2 SAQ	1. Theme Y 2. Theme Y 3. Theme Z 4. Theme Z 5. Theme Z 6. Theme Z 7. Theme Z 8. Theme Z
Q3	Long answer Questions (LAQ)	1. Theme Y 2. Theme Z

	<p>Five Questions</p> <p>10 marks each</p> <p>All compulsory</p> <p>All questions on Must Know</p> <p>No Questions on Nice to Know and Desirable to Know</p>	<p>3. Theme Z</p> <p>4. Theme Z</p> <p>5. Theme H</p>
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7-E-II Question Paper Blueprint-Paper II

A Question Serial Number	B Type of Question	Question Paper Format (Refer table 11.4 Theme table for themes)
Q1	<p>Multiple Choice Questions(MCQ)</p> <p>10 Questions</p> <p>1 mark each</p> <p>All compulsory</p> <p>Must know part: 7 MCQ</p> <p>Desirable to know: 2 MCQ.</p> <p>Nice to know: 1 MCQ</p>	<p>1. Theme O</p> <p>2. Theme O</p> <p>3. Theme R</p> <p>4. Theme R</p> <p>5. Theme R</p> <p>6. Theme R</p> <p>7. Theme R</p> <p>8. Theme R</p> <p>9. Theme R</p> <p>10. Theme R</p>
Q2	<p>Short answer Questions</p> <p>(SAQ)</p>	<p>1. Theme O</p> <p>2. Theme P</p> <p>3. Theme Q</p>

	<p>Eight Questions</p> <p>5 Marks Each</p> <p>All compulsory</p> <p>Must Know part: 6 SAQ</p> <p>Desirable to Know: 2 SAQ</p>	<p>4. Theme R</p> <p>5. Theme R</p> <p>6. Theme R</p> <p>7. Theme R</p> <p>8. Theme R</p>
Q3	<p>Long answer Questions</p> <p>(LAQ)</p> <p>Five Questions</p> <p>10 marks each</p> <p>All compulsory</p> <p>All questions on Must Know</p> <p>No Questions on Nice to Know and Desirable to Know</p>	<p>1. Theme O</p> <p>2. Theme R</p> <p>3. Theme R</p> <p>4. Theme R</p> <p>5. Theme R</p>

8.List of recommended text/reference books:

- Allen H.C. (2005). Keynotes Rearranged and Classified with Leading Remedies of the Materia Medica and Bowel Nosodes, (Reprint edition), B.Jain Publishers, New Delhi
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- All source books.

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