MAPPING TOPICS WITH COMPETENCIES, COURSE OUTCOMES AND PROGRAM OUTCOMES

Topic	Competencies	Course Outcomes (CO)	Program Outcomes (PO)
Ayurveda Nirupana	Understanding the definitions, components, and significance of Ayurveda and its fundamental principles.	CO 1: Illustrate the scope and utility of Ayurveda. CO 2: Explain Philosophical foundation of Ayurveda and its principles.	PO1, PO2, PO6
- Lakshana of Ayu	- Ability to define Ayu and understand its composition.	CO 1: Illustrate the scope and utility of Ayurveda. CO 2: Explain Philosophical foundation of Ayurveda and its principles.	PO1, PO2
- Lakshana of Ayurveda	- Understanding the definition and purpose of Ayurveda.	CO 1: Illustrate the scope and utility of Ayurveda. CO 2: Explain Philosophical foundation of Ayurveda and its principles.	PO1, PO2
- Lakshana and classification of Siddhanta	- Knowledge of different Siddhanta and their classifications.	CO 2: Explain Philosophical foundation of Ayurveda and its principles.	PO1, PO2, PO6
- Introduction to Basic Principles of Ayurveda	**- Understanding the basic principles and their importance in Ayurveda.**	**CO 2: Explain Philosophical foundation of Ayurveda and its principles.**	PO1, PO2, PO6
Padartha and Darshana Nirupana	**Analyzing the concepts of Padartha and Darshana and their relevance in Ayurveda.**	**CO 3: Analyze and interpret Padartha in Darshana and Ayurveda. CO 4: Apply concepts of Pramana Shastra in Ayurveda.**	PO1, PO2, PO9
- Padartha Lakshana	- Ability to define and classify Padartha.	CO 3: Analyze and interpret Padartha in Darshana and Ayurveda.	PO1, PO2, PO9
- Classification of Indian Philosophy	- Understanding various schools of Indian philosophy and their significance in Ayurveda.	CO 3: Analyze and interpret Padartha in Darshana and Ayurveda. CO 4: Apply concepts of Pramana Shastra in Ayurveda.	PO1, PO2, PO9
- Principles in Contemporary Sciences	- Correlating contemporary scientific principles with Ayurvedic concepts.	CO 3: Analyze and interpret Padartha in Darshana and Ayurveda. CO 4: Apply concepts of Pramana Shastra in Ayurveda.	PO1, PO2, PO9
Dravya	Understanding the concepts	CO 5: Analyze and apply the	PO1, PO2,

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Vijnaneeyam	of Dravya, Panchabhuta, Kala, and Dik in Ayurveda.	concept of Karya Karana Bhava in Ayurveda.	PO9
- Dravya: Lakshana and Classification	- Ability to define, classify, and enumerate Dravya.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9
- Panchabhuta Theories	- Understanding various theories of creation and their relevance in Ayurveda.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9
- Kala: Lakshana and Division	- Defining and understanding the concept of Kala and its significance.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9
- Dik: Lakshana	- Defining and understanding the concept of Dik and its significance.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9

TEACHING PLAN WITH MILLER'S PYRAMID

Topic	Competencies	Course Outcomes (CO)	Program Outcomes (PO)
Ayurveda Nirupana	Understanding the definitions, components, and significance of Ayurveda and its fundamental principles.	CO 1: Illustrate the scope and utility of Ayurveda. CO 2: Explain Philosophical foundation of Ayurveda and its principles.	PO1, PO2, PO6

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Padartha and Darshana Nirupana	Analyzing the concepts of Padartha and Darshana and their relevance in Ayurveda.	CO 3: Analyze and interpret Padartha in Darshana and Ayurveda. CO 4: Apply concepts of Pramana Shastra in Ayurveda.	PO1, PO2, PO9
- Padartha Lakshana	- Ability to define and classify Padartha.	CO 3: Analyze and interpret Padartha in Darshana and Ayurveda.	PO1, PO2, PO9
- Classification of Indian Philosophy	- Understanding various schools of Indian philosophy and their significance in Ayurveda.	CO 3: Analyze and interpret Padartha in Darshana and Ayurveda. CO 4: Apply concepts of Pramana Shastra in Ayurveda.	PO1, PO2, PO9
- Principles in Contemporary Sciences	- Correlating contemporary scientific principles with Ayurvedic concepts.	CO 3: Analyze and interpret Padartha in Darshana and Ayurveda. CO 4: Apply concepts of Pramana Shastra in Ayurveda.	PO1, PO2, PO9
Dravya Vijnaneeyam	Understanding the concepts of Dravya, Panchabhuta, Kala, and Dik in Ayurveda.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9

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- Dravya: Lakshana and Classification	- Ability to define, classify, and enumerate Dravya.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9
- Panchabhuta Theories	- Understanding various theories of creation and their relevance in Ayurveda.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9
- Kala: Lakshana and Division	- Defining and understanding the concept of Kala and its significance.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9
- Dik: Lakshana	- Defining and understanding the concept of Dik and its significance.	CO 5: Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	PO1, PO2, PO9

Los AND THEORY CLASS TEACHCING PLAN

Topic	Learning Outcomes	Teaching Method
Introduction to Ayurveda	Understand the history and basic principles of Ayurveda.	Lecture, Group Discussion
Philosophical Foundations of Ayurveda	Explain the philosophical foundations and their relevance to Ayurveda and contemporary sciences.	Lecture, Case Study, Debate
Padartha (Prameya) in Darshana and Ayurveda	Analyze and interpret Padartha (Prameya) in Darshana and Ayurveda. Recognize their applications in Ayurveda.	Lecture, Practical Demonstration, Group Discussion
Concept of Pramana Shastra	Distinguish, analyze, and apply the concept of Pramana Shastra in Darshana and	Lecture, Practical Exercises, Role Play

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(Epistemology)	Ayurveda. Demonstrate their applications in Ayurveda.	
Karya Karana Bhava in Ayurveda	Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	Lecture, Problem-Based Learning (PBL), Case Study
Sankhya Darshan	Illustrate the principles of Sankhya Darshan and its relevance to Ayurveda.	Lecture, Group Discussion, Visual Aids
Nyaya-Vaisheshika Darshan	Explain the principles of Nyaya-Vaisheshika Darshan and their applications in Ayurveda.	Lecture, Comparative Analysis, Case Study
Yoga Darshan	Describe the principles of Yoga Darshan and their significance in maintaining health.	Lecture, Practical Demonstration, Group Practice
Mimamsa and Vedanta Darshan	Analyze the principles of Mimamsa and Vedanta Darshan and their relevance to Ayurveda.	Lecture, Debate, Critical Analysis
Basic Concepts of Ayurveda	Understand the basic concepts of Ayurveda including Dosha, Dhatu, and Mala.	Lecture, Group Discussion, Practical Exercises

TOPIC AND ASSESSMENT METHOD PLAN

Topic	Course Outcomes	Assessment Method
Ayurveda Nirupana	CO1: Illustrate the scope and utility of Ayurveda.	MCQs, SAQs, Class Presentations
Philosophical Foundation of Ayurveda	CO2: Explain Philosophical foundation of Ayurveda, Principles (Siddhantha) of Darshana along with their similarities and relevance in Ayurveda and contemporary sciences.	SAQs, LAQs, Open Book Test
Padartha (Prameya) in Darshana and Ayurveda	CO3: Analyse and interpret Padartha (Prameya) in Darshana and Ayurveda. Recognize their applications in Ayurveda.	Practical / Clinical Performance, Viva Voce, Problem Based Assignment
Pramana Shastra (Epistemology) in Darshana and Ayurveda	CO4: Distinguish, analyse and apply concept of Pramana shastra (Epistemology) in Darshana and Ayurveda. Demonstrate their applications in Ayurveda.	Practical / Clinical Performance, Case Based Discussion, Mini-CEX
Karya Karana Bhava in Ayurveda	CO5: Analyse and apply concept of Karya Karana Bhava in Ayurveda.	Objective Structured Practical Examination (OSPE), Spotting, Viva Voce

Explanation of Assessment Methods

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1. **MCQs (Multiple Choice Questions)**: These will test the students' recall and understanding of key concepts and terminologies.
2. **SAQs (Short Answer Questions)**: These will assess the students' ability to explain concepts succinctly.
3. **Class Presentations**: These will help evaluate the students' ability to present and communicate their understanding of topics.
4. **Open Book Test**: This method will assess the students' ability to apply knowledge to problem-solving in an open-resource environment.
5. **LAQs (Long Answer Questions)**: These will evaluate the students' deep understanding and analytical skills regarding complex topics.
6. **Practical / Clinical Performance**: This will assess hands-on skills and practical application of theoretical knowledge.
7. **Viva Voce**: Oral examinations will test the students' ability to articulate their understanding and respond to questions on the spot.
8. **Problem Based Assignment**: This will evaluate the students' problem-solving skills and their ability to apply theoretical concepts to practical scenarios.
9. **Case Based Discussion**: This will assess the students' ability to analyze and discuss real-life cases.
10. **Mini-CEX (Mini Clinical Evaluation Exercise)**: This will be used to evaluate the students' clinical skills in a real-world setting.
11. **Objective Structured Practical Examination (OSPE)**: This structured practical exam will assess various skills and competencies in a controlled environment.
12. **Spotting**: This method will test the students' ability to identify and understand various concepts quickly and accurately.

ALIGNMENT OF TOPICS WITH BLOOM'S TAXONOMY & TEACHING METHODS

Topic	Bloom's Taxonomy Level	Learning Outcome	Teaching Method
Introduction to Ayurveda	Remembering	Understand the history and basic principles of Ayurveda.	Lecture, Group Discussion
	Understanding	Explain the foundational concepts and terminologies of Ayurveda.	Visual Aids, Documentary Videos
Philosophical Foundations of Ayurveda	Understanding	Explain the philosophical foundations and their relevance to Ayurveda and contemporary sciences.	Lecture, Case Study, Debate
	Analyzing	Compare different philosophical systems and their implications for Ayurvedic practice.	Diagrams, Group Discussion

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Padartha (Prameya) in Darshana and Ayurveda	Understanding	Analyze and interpret Padartha (Prameya) in Darshana and Ayurveda. Recognize their applications in Ayurveda.	Lecture, Practical Demonstration, Group Discussion
	Analyzing	Evaluate the role and application of Padartha in practical scenarios.	Case Studies, Problem-Based Learning
Concept of Pramana Shastra (Epistemology)	Understanding	Distinguish, analyze, and apply the concept of Pramana Shastra in Darshana and Ayurveda. Demonstrate their applications in Ayurveda.	Lecture, Practical Exercises, Role Play
	Applying	Apply Pramana techniques in hypothetical and real-world situations.	Simulations, Interactive Quizzes
Karya Karana Bhava in Ayurveda	Understanding	Analyze and apply the concept of Karya Karana Bhava in Ayurveda.	Lecture, Problem-Based Learning (PBL), Case Study
	Applying	Use the concept of Karya Karana Bhava to solve clinical problems.	Group Projects, Interactive Sessions
Sankhya Darshan	Remembering	Illustrate the principles of Sankhya Darshan and its relevance to Ayurveda.	Lecture, Group Discussion, Visual Aids
	Understanding	Explain the fundamental elements and principles of Sankhya Darshan.	Animated Videos, Infographics
Nyaya-Vaisheshika Darshan	Remembering	Explain the principles of Nyaya-Vaisheshika Darshan and their applications in Ayurveda.	Lecture, Comparative Analysis, Case Study
	Understanding	Discuss the logical constructs and methodologies of Nyaya-Vaisheshika Darshan.	Interactive Diagrams, Videos
Yoga Darshan	Understanding	Describe the principles of Yoga Darshan and their significance in maintaining health.	Lecture, Practical Demonstration, Group Practice
	Applying	Demonstrate basic Yoga practices and their health benefits.	Practical Sessions, Demonstration Videos

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Mimamsa and Vedanta Darshan	Understanding	Analyze the principles of Mimamsa and Vedanta Darshan and their relevance to Ayurveda.	Lecture, Debate, Critical Analysis
	Evaluating	Critique the philosophical arguments and their application in Ayurvedic practice.	Comparative Analysis, Debates
Basic Concepts of Ayurveda	Remembering	Understand the basic concepts of Ayurveda including Dosha, Dhatu, and Mala.	Lecture, Group Discussion, Practical Exercises
	Understanding	Explain the interactions and functions of Dosha, Dhatu, and Mala.	Animated Videos, Infographics

THE TYPES OF FORMATIVE ASSESSMENT TOOLS USED BY THE TEACHING FACULTIES

Formative Assessment Tools

1. Periodic Assessments (PA)

- These are short-term assessments conducted periodically throughout the course to monitor student progress.

2. Activities from Table 3 - Column G3

- Specific activities designated for each term.

3. Practical / Clinical Performance

- Assessments based on hands-on practicals and clinical exercises.

4. Viva Voce, MCQs, MEQ (Modified Essay Questions/Structured Questions)

- Oral exams, multiple-choice questions, and structured questions.

5. Class Presentations and Work Book Maintenance

- Presentations in class and maintaining a work book.

8. Problem-Based Assignments

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- Assignments that focus on problem-solving.

9. Objective Structured Clinical Examination (OSCE)

- Structured practical exams to assess clinical skills.

10. Objective Structured Practical Examination (OPSE)

- Practical exams assessing specific skills.

11. Mini Clinical Evaluation Exercise (Mini-CEX)

- Mini evaluations of clinical performance.

TOPIC-WISE LIST OF VIDEOS USED BY THE TEACHING FACULTY

Topic	Audio Visual Aids
Introduction to Ayurveda	- PowerPoint slides on the history and basic principles of Ayurveda
	- Documentary videos on the origins and evolution of Ayurveda
	- Infographics showing the key concepts of Ayurveda
Philosophical Foundations of Ayurveda	- PowerPoint slides on different philosophical foundations
	- Animated videos explaining key philosophical concepts
	- Diagrams comparing different philosophies in Ayurveda and contemporary sciences
Padartha (Prameya) in Darshana and Ayurveda	- PowerPoint slides explaining Padartha concepts
	- Flowcharts and diagrams illustrating Padartha categories
	- Videos on real-life applications of Padartha in Ayurvedic practices
Concept of Pramana Shastra (Epistemology)	- PowerPoint slides on Pramana Shastra
	- Case study videos demonstrating the application of Pramana
	- Interactive quizzes and simulations on different Pramana techniques
Karya Karana Bhava in Ayurveda	- PowerPoint slides on the concepts of Karya and Karana

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	- Flowcharts depicting cause and effect relationships in Ayurveda
	- Video case studies on practical applications of Karya Karana Bhava
Sankhya Darshan	- PowerPoint slides on Sankhya Darshan principles
	- Animated videos explaining the elements of Sankhya Darshan
	- Infographics showing the relevance of Sankhya Darshan in Ayurveda
Nyaya-Vaisheshika Darshan	- PowerPoint slides on Nyaya-Vaisheshika Darshan principles
	- Videos comparing Nyaya-Vaisheshika Darshan with other philosophies
	- Interactive diagrams showing logical constructs in Nyaya-Vaisheshika
Yoga Darshan	- PowerPoint slides on the principles of Yoga Darshan
	- Videos demonstrating Yoga practices and their health benefits
	- Infographics showing the eight limbs of Yoga
Mimamsa and Vedanta Darshan	- PowerPoint slides on Mimamsa and Vedanta Darshan
	- Animated videos explaining complex concepts in Mimamsa and Vedanta
	- Comparative charts showing differences and similarities with other philosophies
Basic Concepts of Ayurveda	- PowerPoint slides on Dosha, Dhatu, and Mala
	- Animated videos illustrating the functions and interactions of Dosha, Dhatu, and Mala
	- Infographics and diagrams for quick reference and understanding

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PRACTCAL MAPPING

ALIGNING PRACTICALS WITH CO-PO

Practical	Course Outcomes	Program Outcomes
Practical 1: Dravya - Define dravya - Discuss nature of dravya	CO1: Illustrate the scope and utility of Ayurveda CO3: Analyze and interpret Padartha (Prameya) in Darshana and Ayurveda	PO1: Knowledge of Ayurveda PO2: Analytical skills

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Practical 2: Ahar Dravya and Aushadh Dravya - Identify pentaelemental nature - Examples of Ahar Dravya and Aushadh Dravya	CO3: Analyze and interpret Padartha (Prameya) in Darshana and Ayurveda	PO1: Knowledge of Ayurveda PO2: Analytical skills
Practical 3: Gunas and Karma - Identify the Guna and Karma in given dravya	CO3: Analyze and interpret Padartha (Prameya) in Darshana and Ayurveda	PO1: Knowledge of Ayurveda PO2: Analytical skills
Practical 4: Categorization of Aushadhi Dravya - Based on Mahabhoot dominance	CO3: Analyze and interpret Padartha (Prameya) in Darshana and Ayurveda	PO1: Knowledge of Ayurveda PO2: Analytical skills

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