School of Ayurveda
(AyUG-PV): Padarth Vigyana (2023-24)

(ii) CO PO MAPPING

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3
CO1	3	-	-	-	-	-	-	-	-	3	1	-
CO2	3	2	-	-	-	1	-	-	-	3	3	2
CO3	3	2	-	-	-	-	-	-	2	3	2	3
CO4	3	2	-	-	-	-	-	-	2	2	2	3
CO5	3	2	-	-	-	-	-	-	2	3	2	2
Avg	3	1.6	0	0	0	0.2	0	0	1.2	2.8	2	2

High- 3
Medium-2
Low- 1

Here in the table, '3' corresponds to a high correlation; '2' corresponds to a medium correlation, and '1' corresponds to a low correlation, between CO and PO/PSO.

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CO-PO ATTAINMENT (2023-24)

School of Ayurveda
(AyUG-PV): Padarth Vigyana (2023-24)

	CO Attainment Calculations				
		Direct Assessment			
		Direct Assessment 1 (CIA)		Direct Assessment 2 (ESE)	Indirect Assessment Students/ Faculty/Employer
		CIA1	CIA2	ESE	Course Exit Survey/Feedback
	Number of students who have scored more than target (P)	19	15	45	45
	Percentage of students who have achieved the target = (P/N)*100	86.4	68.2	100	100
A	Attainment Level (3 for >80%, 2 for >70%, 1 for> 60%)	a = 3	b = 1	c = 3	d = 3
B	Attainment based on internal assessment (CIA) = Average of (a and b);	CIA = 2			
C	Direct CO Attainment Level (DA) =40% CIA + 60% End-Term (C);	DA = 2.6		= 0.4*2 + 0.6*3	
D	Indirect CO Attainment Level (IA) (based on Exit Survey (d));	IA = 3			
	80 % of DA	= 2.08			
	15 % IA	= 0.45			
E	CO Attainment Level (COA) = 80 % DA+ 15 % IA;	COA = 2.53			

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School of Ayurveda
(AyUG-PV): Padarth Vigyana (2023-24)

Course Outcomes (COs) Mapping with POs and PSOs (Marks-Based Allocation)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3
CO1	3	-	-	-	-	-	-	-	-	3	1	-
CO2	3	2	-	-	-	1	-	-	-	3	3	2
CO3	3	2	-	-	-	-	-	-	2	3	2	3
CO4	3	2	-	-	-	-	-	-	2	2	2	3
CO5	3	2	-	-	-	-	-	-	2	3	2	2
Avg	3	2	0	0	0	0.2	0	0	1.2	2.8	2	2.5

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3
Avg Mapping	3	1.6	0	0	0	0.2	0	0	1.2	2.8	2	2
Attainment Level	2.53	1.68	0	0	0	0.16	0	0	1.07	2.4	1.7	1.7

$$*= COA * M/3$$
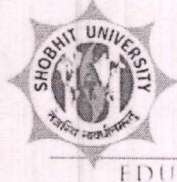
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Action taken to improve CO attainment

1. Curriculum Mapping and Integration

Mapped each unit/topic with relevant COs and Program Outcomes (POs) in the lesson plan.

- Integrated **Tantrayukti, Pramana, and Dravya concepts** with clinical and philosophical relevance to enhance contextual understanding (CO1, CO2, and CO3).

2. Teaching-Learning Enhancements

- Introduced **concept-based teaching methods** using:
  - **Charts, Concept Maps** for Trividha Linga, Dravya-Panchabhautikatva, etc.
  - **Group discussions and debates** on topics like Satkaryavada vs. Asatkaryavada.
- Used **Sanskrit Sutra Recitation + Explanation** techniques to reinforce learning and sloka memorization (CO5).
- Organized **Tantrayukti workshops** to understand interpretative tools in Samhitas (CO1).

3. Enrichment Activities

- Conducted **Student Seminars and Poster Presentations** on key topics like:
  - Pratyaksha vs. Anumana
  - Types of Samanya-Vishesha
  - Role of Panchamahabhuta in body formation
- Encouraged **interdisciplinary discussions** with Shalakya and Kayachikitsa faculties to relate Darshana principles to clinical application (CO4).

4. Practical Skill Reinforcement

- Demonstrated the **application of Anumana and Upamana Pramana** through observable experiments or real-world analogies.

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- Conducted **mini-assessments** using MCQs, match-the-following, and assertion-reasoning types after each topic to assess concept clarity.

5. Assessment and Feedback-Based Interventions

- Conducted **CO-wise Internal Assessment analysis** to identify low-attainment areas.
- Based on findings:
  - Re-taught critical topics using different teaching strategies.
  - Assigned **remedial tasks and peer discussions**.
- Introduced **weekly quizzes** to reinforce core ideas and improve recall.

6. Faculty and Peer Mentoring

- **Peer teaching sessions** held weekly, allowing students to teach topics like Dravya, Guna, Karma to each other.
- Implemented a **mentor-mentee system** to personally guide students with low performance in specific COs.

7. Outcome-Focused Projects

- Students were assigned **micro-projects** such as:
  - Preparing a chart of **Mahabhoota composition of Dravyas** (CO3)
  - Explaining **Nyaya Darshana inference methods** using daily examples (CO1)

8. Monitoring and Documentation

- Maintained a **CO-attainment tracker** after each exam.
- Generated periodic reports to review progress and update teaching methods accordingly.