



TAMRA DHATU

PROF. MEGHNA VAIDYA

DEPARTMENT OF RASA SHASTRA AND BHAISHAJYA KALPANA

COURSE OBJECTIVES WITH MATCHED PROGRAM OBJECTIVES

SR1 CO No	A1 Course learning Outcomes (CO) AyUG-RB At the end of the course AyUG-RB, the students should be able to-	B1 Course learning Outcomes matched with program learning outcomes.
CO1	Demonstrate application of principles of Ayurvediya Aushadhi Nirmana (Ayurvedic Pharmaceutics)	PO1,PO5,PO7
CO2	Demonstrate application of principles of Ayurvediya Aushadhi Prayoga Vigyana (Clinical Pharmacology)	PO1,PO5,PO7
CO3	Prepare Ayurvedic formulations in adherence to quality control parameters for raw materials, in-process and finished products	PO1,PO3,PO4,PO5, PO6,PO7,PO8
CO4	Justify rationality of selection and administration of Ayurvedic formulations	PO3,PO5,PO6,PO7, PO8,PO9
CO6	Appraise research in current and emerging trend in Ayurvedic pharmaceuticals and allied sciences.	PO7,PO9

DOMAIN AND LEVEL

- CLASSIFICATION OF THE TOPIC

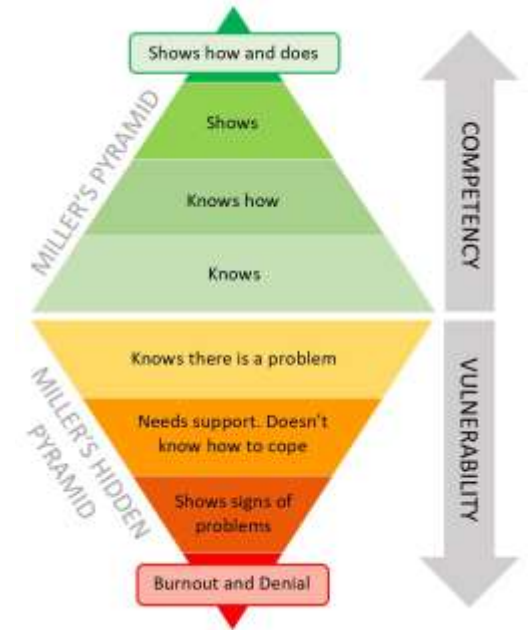
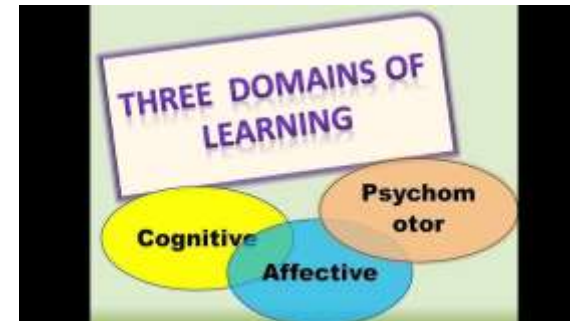
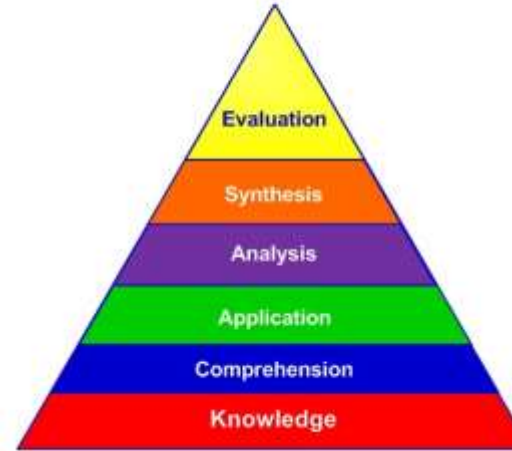
MUST KNOW (MK)

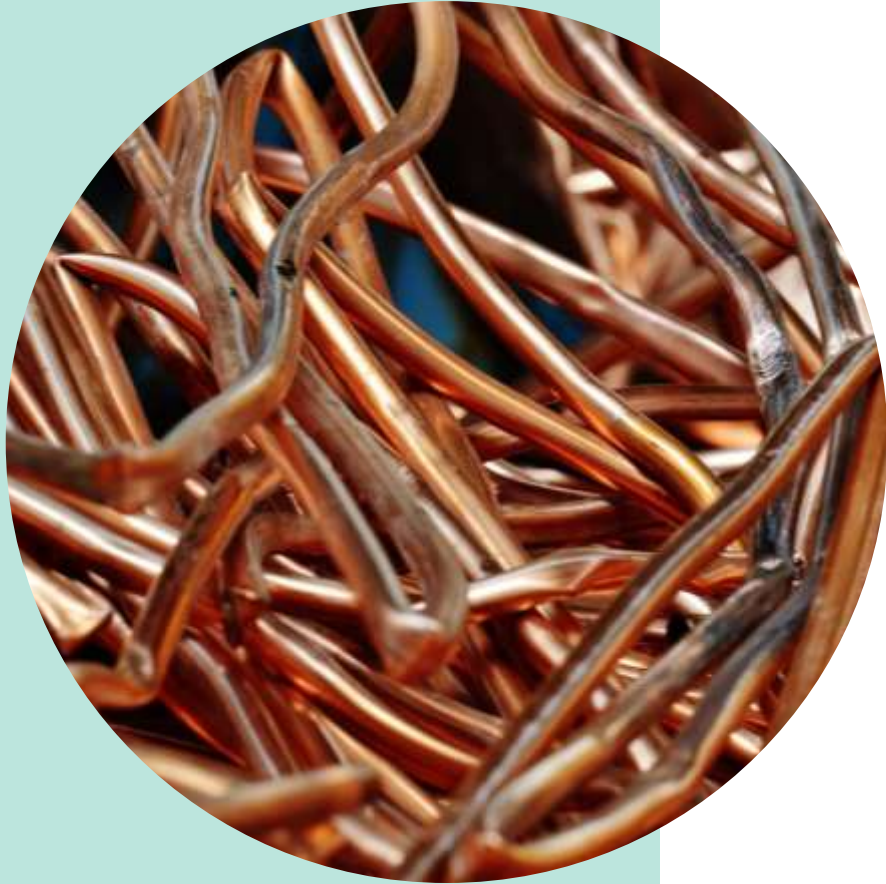
- DOMAIN IN BLOOM'S TAXONOMY

COGNITIVE
COMPREHENSION (CC)

- LEVEL IN MILLER'S PYRAMID

Blooms Taxonomy





TAMRA

SYNONYMS

- SURYALAUHA
- TRAYAMBAKA
- ARKA
- RAVIPRIYA,
- BHANULOHA

TAMRA GRAHYA SWARUPA

- THE COPPER WHICH POSSESSES MALLEABILITY AND DUCTILITY, WHICH IS SMOOTH TO TOUCH; WHICH IS CLEAN; AND WHICH IS SOFT AND REDDISH LIKE THAT OF 'JAPA PUSPA' (HIBISCUS) IS CONSIDERED AS THE BEST VARIETY OF COPPER.

TAMRA ASHTA DOSHA

- Bhrama
- Murcha □
- Vidaha
- Sweda

- Kleda
- Vamana
- Aruchi
- Chitta - santapa

TYPES

- 1) NEPALIKA
- 2) MALECHHA

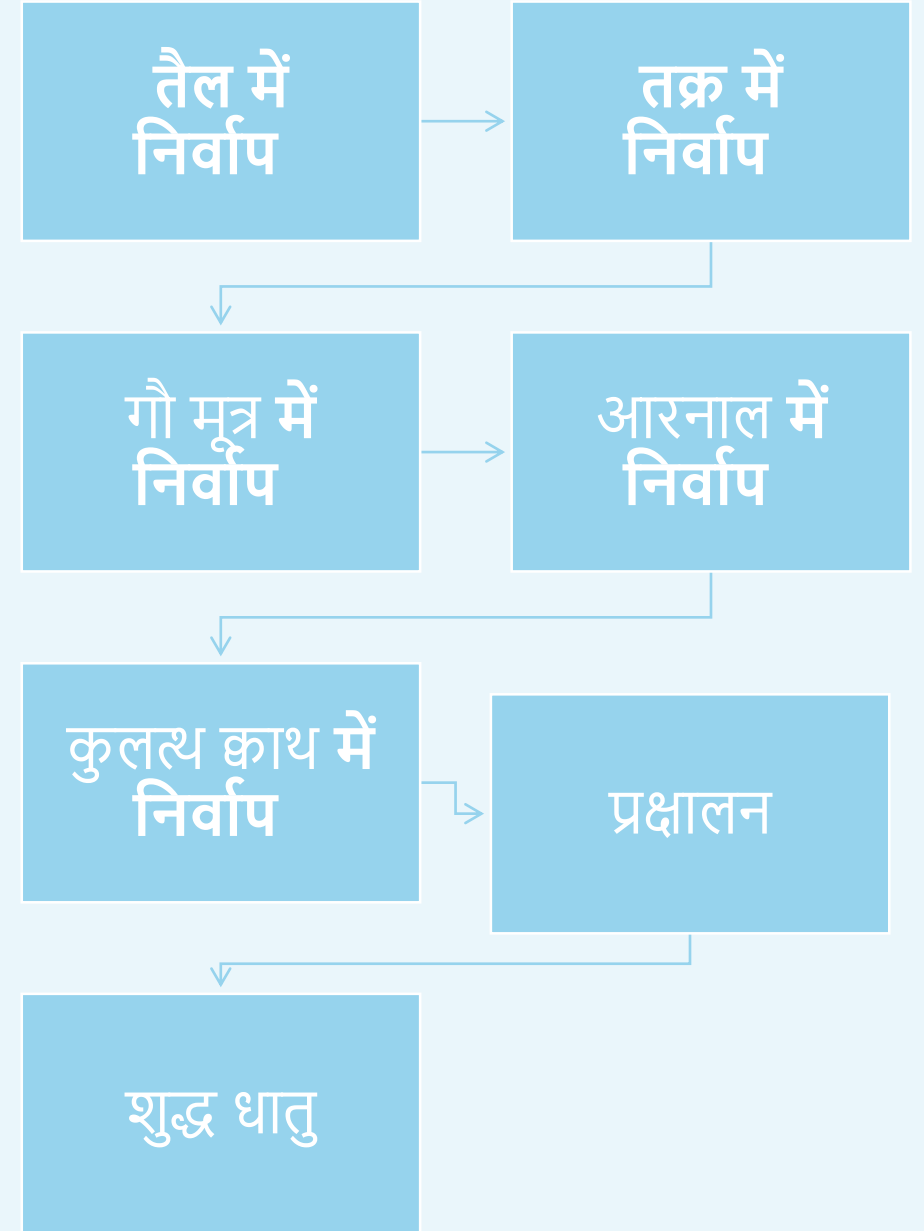


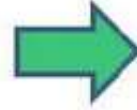
SHODHANA





तैले तक्रे गवां मूत्रे हारनाले कु
लथजे । क्रमानिषेचयेत्तप्तं द्रावे
द्रावे तु सप्तधा ॥
स्वर्णवदलोहपत्रारं शुद्धरेषा
प्रशस्यते ।





Taila



Takra



Gomutra



Amala



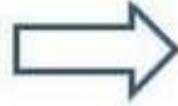
Kulattha Kwatha



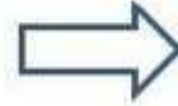
7 times in each



**Samanya
Shodhita Tamra**

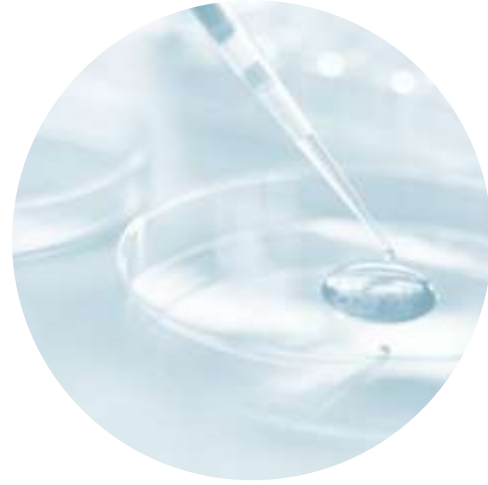


**Pottali in Dola
Yantra**



**Swedana in
Gomutra**

Vishesa Shodhana



THANK YOU



FORMATIVE ASSESSMENT



- WHAT ARE TYPES OF TAMRA?
- WHAT IS COLOUR OF TAMRA BHASMA?
- WHAT IS RATIO OF HARTALA AND MANAHSHILA IN SOMNATHI TAMRA BHASMA?
- WHAT IS MATRA OF TAMRA BHASMA?
- IN WHICH DISEASE CONDITION YOU WILL USE TAMRA BHASMA?
- SPECIFIC BHASMA PARIKSHA FOR TAMRA BHASMA?