

**TILAK AYURVED MAHAVIDYALAYA**  
**583/2, Rasta Peth, Pune 411011**  
**Academic Term Planner-UG**

Course/ Class: II Professional BAMS ( 2021) November 2026 Appearing  
 Subject- Dravyaguna Theory  
 Subject Code: AyUG- DG  
 First term

Duration: From June 2025 to October 2025

**Dravyaguna Departmental Faculty:**

**Dr. Apoorva Sangoram**  
**Dr. Asmita Jadhav**  
**Dr. Pradnya Gathe**  
**Dr. Gauri Gangal**  
**Dr. Dewashish Umbrajkar**

**Professor & HOD**  
**Associate Professor**  
**Associate Professor**  
**Assistant Professor**  
**Assistant Professor**

Sr No	List of Topics	Term	Month	LH	NLH
1	<b>1. Dravyaguna Vigyana</b>	1	Jun.2025	1	1
2	<b>2. Dravya</b> Panchabhoutikatwa of Dravya Classification of Dravya based on Utpattibheda, Yonibheda, Prayogabheda, Prabhavbheda, Doshaghnabheda, Rasabheda and Karmbheda	1	Jun.2025	5	4
3	<b>3. Guna</b> 3.1 Panchabhoutikatva, characteristics and classification 3.2 Gurvadiguna and its karma on Dosha, Dhatu and Mala, clinical application and research updates Paradiguna with examples, clinical applications and research updates	1	Jul2025	4	2
4	<b>4. Rasa</b> 4.1 Meaning of "Rasa" in various contexts 4.2 Shadrasa in relative correlation with taste of chemical constituents 4.3 Rasotpatti and Panchabhoutika constitution of Shadrasa 4.4 Rasopalabdhi and pathway of taste perception & sites of taste receptors in the body 4.5 Rasa -Lakshana, Guna & Karmas of each Rasa on Dosha, Dhatu and Mala 4.6 Atiyogalakshana, 4.7 Clinical application and Research updates of Shadrasa Anurasa Rasa Sevanakrama of Aushadha	1	Aug 2025	7	4
5	<b>5. Vipaka</b> 5.1 Trividha Vipaka 5.2 Vipak karma on Dosha, Dhatu and Mala 5.3 Clinical application and Research updates	1	Sept.2025	3	1

	Vipakopalabdhi (Determination of Vipaka) & Taratamya (Degree of variation)				
6	<b>6.Virya</b> Difference between Guna and Virya Karmas of Virya on Dosha, Dhatu and Mala Clinical application and Research updates Viryaopalabdhi (Determination of Virya) and understanding of Virya with respect to actions of active constituents	1	Sept.2025	2	2
7	<b>7.Prabhava</b> Samanapratyayarabdha and Vichitrapratyayarabdha Clinical application of Prabhava and Research updates	1	Sept 2025	2	1
8	<b>8. Interrelation of Rasa-Guna-Virya-Vipaka-Prabhava</b> Interrelation of Rasa-Guna-Virya-Vipaka-Prabhava with respect to their strength- Pharmacodynamics	1	Sept.2025	1	2
9	<b>9.Individual Karma, correlation with contemporary pharmacological action, examples, clinical application and research updates</b> Deepana Pachana Samshodhana Samshamana Anulomana Sransana Bhedana Rechana Chhedana Lekhana Grahi Sthambhana Madakari Pramathi Abhishyandi Vyavayi Vikashi Rasayana Vajeekarana Medhya	1	Sept.2025- Oct.2025	9	5
10	<b>Karmas of Dashemani Gana</b>	1	Oct 2025	12	3
	<b>Total hour</b>			<b>46</b>	<b>25</b>

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## Academic Term Planner -UG

Course/ Class: II Professional BAMS ( 2021) November 2026 Appearing

Subject- Dravyaguna Theory Term : II

Duration: From November 2025 to April 2026

Second term

Name of the Dravyaguna Departmental Faculty:

Dr. Apoorva Sangoram	Professor & HOD
Dr. Asmita Jadhav	Associate Professor
Dr. Pradnya Gathe	Associate Professor
Dr. Gauri Gangal	Assistant Professor
Dr. Dewashish Umbrajkar	Assistant Professor

List of Topics	Term	Months	Lecture hours	Non- Lecture hours
1. Bheshajavacharaniya (Criteria's to be considered for selection of drugs in vyadhis)	2	Nov 2025	12	6
2.1 Dravya (Drug) Nama-Guna-Karma Jnana Amalaki , Aragwadha , Arjuna	2	Dec 2025		10
Ashoka Ashwagandha Ativisha, Bilva ,Brahmi Ahiphena (NK), Ajamoda (DK)	2	Jan 2026	12	
Bala Beejaka Bhallataka Bharangi Bhrungaraja Bhumyamalaki Chandana Chitraka Dadima Dhataki Dhamasa Eranda Gokshura Guduchi Guggulu Haridra Haritaki Hingu Jambu Jyotishmati Kanchanara Kantakari Kapikachhu Karkatshrungi	2	Feb 2026	14	
Jatamansi Katuki Khadira Kumari Kutaja Latakaranja Lodhra Agnimanth Apamarga (DK) Asthishrunkhala Bakuchi Bruhati Chakramarda Dhanyaka Ela Gambhari Japa Jatiphala Jeeraka (DK) Kalamegha Kampillaka Kulatha (NK) Kumkum Lajjalu Lavanga	2	Mar 2026	10	
Madanphala Mandukaparni Manjishta Maricha Meshashrungi Methika Musta	2	Apr 2026	6	
<b>Total Hours</b>			54	16



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**Academic Term Planner -UG****Course/ Class: II Professional BAMS ( 2021) November 2026 Appearing****Subject- Dravyaguna Theory Term: III From: May 2026 to Nov 2026****Name of the Dravyaguna Departmental Faculty:**

Dr. Apoorva Sangoram

**Professor & HOD**

Dr. Asmita Jadhav

**Associate Professor**

Dr. Pradnya Gathe

**Associate Professor**

Dr. Gauri Gangal

**Assistant Professor**

Dr. Dewashish Umbrajkar

**Assistant Professor**

Sr.No	List of Topics	Term	Months	Lecture hours	Non- Lecture hours
1	<b>Principles of General Pharmacology</b> 11.11.1, 11.2,11.3, 11.4, 11.5. 11.6,11.7 11.8.11.9	3	May 2026	15	1
2	<b>Mishraka Gana</b> Mishrakagana Its composition, guna, karma and therapeutic uses. Brihatpanchamoola ,Laghupanchamool Vallipancmol ,Kantakapanhmoola. Trinapanchamool,Panchavalkala. Triphala,Trikatu. Trimada Chaturusana. Panchakola , Shadusana Chaturbeeja ,Trijataka. Chaturajataka,Panchatikta Chaturbhadra ,Trikarshika.	3	Jun 2026	6	2
3	Nomenclature of dravya as per Nighantu, Vedic taxonomy & Botany	3	Jun 2026	0	2
4	Prashasta Beshaja, Bheshaja pariksha and drug evaluation method with correlation as per Pharmacognosy	3	Jul 2026	1	2
5	Dravyasangrah and Drug collection methods as per GFCP (Good Field collection practices)	3	Jul 2026	1	0

6	<b>Paper 2 Applied Dravyaguna</b> 2.2 Dravya (Drugs) Nama -Guna- Karma-Jnana Nagkeshar Nimba Nirgundi Palasha Pashanabheda Patha Pippali Punarnava Rasna Rasona Sarapagandha Sairayak Sariva Shallaki Shalmali(Mocharasa)Shankhapushpi Shatavari Shigru Shunthi Talisapatra (NK) Trivrut Tulasi Twak Usheera Vacha Varuna Vasa Vatsanabh Vibhitaki Vidanga Yashtimadhu	3	Jul 2026	29	20
7	GCP (Good cultivation practices), seed bank, conservation of medicinal plants, knowledge about RET (Rear, endangered& Threatened) medicinal plants.	3	Aug 2026	1	0
8	Abhava Pratinidhi Dravya (substitutes)	3	Aug 2026	1	1
9	Classifications and techniques of aqueous and alcoholic extracts	3	Aug 2026	0	2
10	Adverse drug reaction and Pharmacovigilance with recent updates	3	Aug 2026	1	2
11	NMPB (National Medicinal Plant Board), CCRAS (Central Council of Research in Ayurveda Sciences), API ( Ayurvedic Pharmacopeia of India), GCTM ( Global Centre for Traditional Medicine), PCIMH ( Pharmacopeia Commission of Indian Medicine and Homeopathy)	3	Sept 2026	1	0
12	Vrikshayurveda nd Ethno-medicine	3	Sept 2026	1	1
13	Network pharmacology and Bioinformatics	3	Sept 2026	1	1
<b>Total Hours</b>				58	34

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S. No	List of Topics	Term	Hours
1.	Assessment and understanding the relation between Parthivatwa & subjective/objective parametric tests	1	10
2.	Assessment of objective parametric measures of Guna	1	12
3.	Assessment of Rasa	1	6
4.	Comparative organoleptic and macroscopic examination	1	23
5.	Microscopic Identification of genuine and adulterated drug	1	4
6.	Demonstration of skills to identify the medicinal plants in the collegegarden.	1	10
7.	Out campus visit (Cultivated gardens, Tissue culture lab, Herbaria, Pharmacognosy lab, Quality control lab and Forest plant demonstration)	1	10
8.	Dravya prayoga	1	12
9.	Physico-chemical study	2	8
10.	Phytochemical	2	4
11.	Thin Layer Chromatography (TLC) technique	2	2
12.	Demonstration of skills to identify the medicinal plants in the collegegarden	2	10
13.	Out campus visit (cultivated gardens & In-situ plant demonstration)	2	10
14.	Ekala dravya prayoga	2	10
15.	Different Cultivation technique including methods mentioned in Vrikshayurveda	2	6
16.	Exercise on Network pharmacology	3	6



17.	Preparations of digital herbarium	3	2
18.	Demonstration of skills to identify the medicinal plants in the college garden	3	10
19.	Out campus visit (cultivated gardens & In-situ plant demonstration)	3	10
20.	Ekala dravya prayoga	3	10
	Total Hours		175



Dr. Apoorva Sangoram  
Professor & HOD

Dravyaguna Department  
Tilak Ayurved Mahavidyalaya,  
Pune

**Head of the Department**  
**Dravyaguna Vidnyan**  
Tilak Ayurved Mahavidyalaya  
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**Subject- Dravyaguna Theory**

From: Jun 2025 to Nov 2026

**Total Theory Hours**

	Lecture Hours	Non Lecture Hours
I term	46	25
II term	46	16
III term	58	34
Total	150	75

**Dr. Apoorva Sangoram**

Professor & HOD

Dravyaguna Department

Tilak Ayurved Mahavidyalaya, Pune