

Patanjali Ayurved Hospital, Haridwar, Uttarakhand

COE AYUSH PROJECT: Establishment of Centre of Excellence of Renovation and Upgradation at Patanjali Ayurveda Hospital, Haridwar (F. No. - Z.-15015/12/2018-CoE (AYUSH))

- **Date of Sanction:** 29th March, 2022
- **Status of Project:** Ongoing
- **Total Funds Approved:** 10 Crores

OBJECTIVES:

- i. Medical Infrastructure Renovation
- ii. Facilities and Services Upgradation
- iii. Evidence-based scientific research
- iv. Promotion of scientific research
- v. Knowledge dissemination and publication
- vi. Capacity Building

CORE HEALTHCARE FACILITIES & DEPARTMENTS:

- **OPD Ayurveda:** World's largest Ayurvedic OPD with 34+ chambers specializing in Kaya Chikitsa (General Medicine), Stri Avam Prasuti Rog (Gynecology), Bal Roga (Pediatrics), Shalya (Surgery), and Shalakyia (ENT/Eye).
- **Panchakarma Center:** Dedicated to traditional detoxification therapies, including Shirodhara, Vamana, Virechana, and Basti.
- **Naturopathy & Wellness:** Treatment options include HydroTherapy, Mud Therapy, Sun Therapy, Aero Therapy, Magnet Therapy, and Sauna Bath.
- **Yoga Therapy:** Specialized yoga sessions for specific health conditions, including daily classes.
- **Shatkarma Clinic:** Specialized in yogic cleansing techniques such as Neti, Dhauti, and Shankhprakhshalana.
- **Diagnostic Labs:** High-quality diagnostics including Pathology (Biochemistry, Hematology), Imaging (MRI, CT-Scan), and Cardiology (ECG, TMT, Echo).
- **Dental & Physiotherapy:** Comprehensive dental care and modern physiotherapy services.

RESEARCH:

Patanjali Ayurved Hospital, stands as one of India's foremost institutions integrating traditional Ayurvedic healing with modern scientific research. Located at Maharishi Dayanand Gram, Haridwar, the hospital is committed to validating and advancing the ancient sciences of Ayurveda

and Yoga through dedicated, evidence-based research that meets national and international standards.

Complementing the hospital's research ecosystem, the Patanjali Research Foundation serves as the R&D backbone, dedicated to establishing a globally recognized, evidence-based Ayurvedic system of medicine. The Foundation envisions India as an ideal launch pad for the worldwide growth of Ayurveda and aspires to become the foremost Global Research Foundation in Traditional Indian Medicine (TIM) and Complementary Medicine. Through rigorous application of modern scientific methodologies to ancient Ayurvedic wisdom, the Foundation works to demonstrate to the global medical community that Ayurvedic medicines are scientifically proven and therapeutically authentic.

As a CoE under AYUSH, the hospital undertakes a wide spectrum of research activities across multiple specialized laboratory units. Ayurveda Drug Screening & Research Department conducts Pre-Clinical Toxicology, Drug Standardization, Drug Screening, Drug Safety, Pharmacology, Pharmacognosy, Chronic Disease Study, and Drug Discovery, ensuring that traditional Ayurvedic formulations are rigorously validated against international scientific benchmarks. The Panchakarma Clinic & Research Center systematically investigates classical detoxification and rejuvenation therapies, while the Shalyatantra Surgery & Research Center explores and documents surgical traditions rooted in Ayurvedic texts, contributing to their scientific revival and standardization.

Further specialized research units operating under the CoE include the ENT Clinic & Research Center, Ophthalmology Clinic & Research Center, and Dental Clinic & Research Center, each conducting condition-specific clinical research aligned with Ayurvedic principles. Diagnostic and investigative research is strengthened through the Imaging Lab, Cardiology Lab, and Pathology Lab & Research Centers, which provide robust scientific evidence to support clinical outcomes and treatment protocols.

Together, through this CoE designation, Patanjali Ayurved Hospital and the Patanjali Research Foundation are collectively transforming the perception of Ayurveda from a regional healing tradition into a globally respected, evidence-backed science - reinforcing India's leadership in traditional medicine and serving as a prototype model for the rest of the world. The overarching goal remains to globally establish the great Vedic knowledge of Ayurveda, making Patanjali

Ayurved Hospital a pioneering bridge between ancient Indian wisdom and contemporary medical science.

ACHIEVEMENTS UNDER COE PROJECT:

- Published more than 65 National and International Research, Review and Clinical Articles under AYUSH Project (Table. 1)
- Studied selected multi ranged medicinal plants in the Garhwal Himalaya under CoE Project
- 3 Monographs prepared & submitted to AYUSH (1. *Achyranthes aspera* L.; 2. *Artemisia indica* Willd; 3. *Woodfordia fruticosa* (L.) Kurz), 6 Monographs are under preparation (Figure. 1-4)
- Organized 03 International Conferences (Table. 2)
- Organized 07 workshops in field of AYUSH (Table. 3)
- Organized 10 Awareness & Healthcare Camps (Table. 4)
- OPD is free with approx. 10000 individuals footfall per month at Hospital's OPD & IPD
- Established 100 beds facility under CoE AYUSH Project (Figure-5)

CONTACT DETAILS:

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Table 1. List of Publications

S.No	Title of the paper	Name of journal published in	Year of publication	Is journal Indexed (Yes/No)	Citation Index of Journal for current year
1	Vanshlochan Substitution and Adulteration: Discussions on the Controversy over its Original Source	AYUSHDHARA	2023	No	
2	Investigating Ayurvedic Strategies: An In-Depth Examination of Managing Diabetes across Different Types.	Bentham: Current Diabetes Reviews	2024	Yes	4.7 (IF 2.9)

3	Harnessing Ganoderma lucidum for medicine, food, and biowaste management	Medicinal Plants	2024	Yes	2
4	Impact assessment of integrated-pathway on cancer-related fatigue in cancer patients: an observational study	BMC: Journal of Health, Population and Nutrition	2024	Yes	3.6 (IF 3.2)
5	Complete Remission of Varicose Veins through Integrated therapy w.s.r to Jalauka Avacharana: A unique Case Report	EPH: International Journal of Medical and Health Science	2024	Yes	IF 0.3
6	Swertia chirayita (Roxb.) H.Karst.: A Magnificent Natural Remedy for the Management of Gastrointestinal Disorders	Bentham: The International Journal of Gastroenterology and Hepatology Diseases	2024	Yes	IF 0.9
7	Exploring the Role of Herbo-mineral combinations for the management of hypothyroidism	International Journal of Health Science and Research	2024	No	
8	Unveiling the role of traditional Regimens in the management of uterine fibroids: A systematic review	Taylor & Francis: Health Care for Women International	2024	Yes	3.1 (IF 1.6)
9	Discovering the efficacy of Integrated therapies on Chronic Liver Disease	International Journal of Ayurveda and Pharma Research	2024	No	
10	Integrative Reiki therapy for the treatment and Management of Psychosomatic Disorders: A pilot Study	Journal of Complementary and Alternative Medical Research	2024	Yes	
11	Small molecule inhibitors target multiple neuropathological signaling to exert novel neuroprotection in intracranial aneurysms	Frontiers in Pharmacology	2024	Yes	8.9 (4.8)
12	Elevating the inner-consciousness "Third-Eye" through "Vedic Manas Yoga" practice	International Journal of Ayurveda and Pharma Research	2024	No	

13	A comprehensive Case report on the Integrative Ayurveda approach for Aplastic Anemia	Ancient Science of Life	2025	Yes	IF 0.8
14	Discovering the efficacy of integrated therapies on renal disorders	Southeast Asian Journal of Case Report and Review	2025	Yes	IF 0.5
15	Exploring the therapeutic potential of phytochemicals apigenin and ellagic acid in managing polycystic ovarian syndrome and its comorbidities: a comprehensive review	Frontiers in Endocrinology	2025	Yes	7.4 (IF 4.6)
16	Yoga and Yagya therapy in Integrative Management of COPD patients	Journal of Science of Healing Outcomes	2025	Yes	
17	Therapeutic Efficacy of an Integrated Naturopathic Approach in the Management of Gastroenteritis: An Observational Clinical Study	Bentham- Current Nutrition & Food Science	2026	Yes	1.9 (IF 1.1)
18	Unveiling the power of Integrated-pathy: A clinical Insight into Colitis Management	Bentham- Current Advances in Medicine	2026	Yes	
19	Integrative Therapeutics in the Clinical Management of Constipation: A novel approach to enhancing Colon function	Bentham- Current Advances in Medicine	2026	Yes	
20	A mechanistic review on Zanthoxylum species for anti-inflammatory and analgesic potentials	Pharmacological Research-Modern Chinese Medicine	2024	Yes	3.4
21	A study on multi-ranged medicinal plants and soil temperature in various sites of Garhwal Himalaya, Uttarakhand	Discover Environment	2023	Yes	
22	Achieving holistic health through ayurveda along with advanced technologies: A conference report	Journal of Ayurveda and Integrative Medicine	2024	Yes	4 (IF 1.9)

23	An Application of Yagna Pathy: A Spiritual, Cost-Effective, Indigenous Low-Intensity Psychological Intervention to Manage Common Mental Disorders: A Cross-Sectional Pilot Study in India	Journal of Evidence-Based Integrative Medicine	2024	Yes	IF 3.6
24	Antimicrobial activity of Ethnomedicinal Plants used by Indigenous Tribes of Southern Rajasthan districts of India to treat Gastrointestinal Diseases	Next Research	2025	Yes	
25	Arctigenin: Harnessing Nature's Power as an Anti-Inflammatory Agent	Current Research in Complementary & Alternative Medicine	2024	Yes	IF 3.02
26	Ayurvedic Approaches to Managing Premature Greying of Hair: A Comprehensive Review	Current Cosmetic Science	2025	Yes	
27	Ayurvedic Management of Severe Erythrodermic Psoriasis: A Case Report	International Journal of Health Sciences and Research	2025	Yes	
28	Effect of altitudinal variation on soil nutrient properties at various sites in Garhwal Himalaya, Uttarakhand	Ecological Frontiers (Acta Ecologica Sinica)	2024	Yes	6.3
29	Effect of coliform bacteria on various environmental factors: A review	International Journal of Health Sciences and Research	2024	Yes	
30	Effects of a yoga protocol in managing depression, anxiety, and stress among office workers during the COVID-19 pandemic: A cross-sectional study.	Sri Lanka Journal of Psychiatry	2023	Yes	
31	Elucidating the Role of Plant Extracts Mediated Gold Nanoparticles as Smart Antimicrobials: Two-Way Attack	Journal of Nanomaterials	2023	Yes	
32	Ethnomedicinal plants used by Juang and Munda Tribals of Eastern India against gastrointestinal disorders: A narrative review	Medicinal Plants- International Journal of Phytomedicines and Related Industries	2023	Yes	

33	Ethnomedicinal plants used by the North Indian tribes in the management of urological diseases.	The Journal of Phytopharmacology	2024	Yes	
34	Ethnomedicine, Phytochemistry, and Anti-microbial Proficiency of <i>Tamarindus indica</i> L. and Its Mediated Nanoparticles	BioNanoScience	2024	Yes	IF 3
35	Ethnopharmacological insights into native medicinal plants for cancer management by indigenous and local communities of Africa: A systematic review	Journal of Ethnopharmacology	2026	Yes	10.4 (IF 5.4)
36	Exploring the antioxidant mechanisms of millet polyphenols: regulation of Nrf2 and NF- κ B and their impact on gut microbiota	Discover Food	2024	Yes	
37	Exploring the Influence of Altitude on β -Ecdysone in <i>Achyranthes aspera</i> L.: A Case Study from the Garhwal Himalaya	National Academy Science Letters	2025	Yes	IF 1.3
38	Exploring the Safety, Efficacy, and Bioactivity of Herbal Medicine: Bridging Traditional Wisdom and Modern Science in Healthcare	Future Integrative medicine	2024	Yes	
39	From tradition to evidence: exploring the neurochemical basis of medicinal plants in anxiety therapy	The World Journal of Biological Psychiatry	2025	Yes	7.4 (IF 3.8)
40	Hazardous Consequences and Management of Heavy Metals in Sewage Sludge: An Overview	International Journal of Science and Research	2024	Yes	IF 7.101
41	Impact of Biosensors and Biomarkers in Diabetes Care: A Review	Biomedical Materials & Devices	2024	Yes	
42	In-silico Evaluation of Phytochemicals for Vitiligo: ADMET, Molecular Docking, and MD Simulation Approaches	Natural Product Research	2024	Yes	5.2 (IF 1.6)
43	Integrative Ayurveda Approach for the Management of Acute Myeloid Leukemia: A	Ancient Science of Life	2025	Yes	

	Detailed Comparative Case Report				
44	Mechanistic Insight into Anticancer Prowess of Piper Species and their Bioactive Compounds: A Review	The Natural Products Journal	2025	Yes	2 (IF 1.2)
45	Mechanistic insight into anti-inflammatory potential, phytochemistry and ethnomedicinal status of Ilex species: A review	Phytochemistry Reviews	2024	Yes	IF 7.6
46	Molecular Mechanism of Cynodon dactylon Phytosterols Targeting MAPK3 and PARP1 to Combat Epithelial Ovarian Cancer: A Multifaceted Computational Approach.	Cell Biochemistry and Biophysics	2024	Yes	IF 2.5
47	Multifaceted Computational Insights of Murrayacine as Dual Inhibitors of CDK2 and MAPK3 to Combat Cervical Cancer	Biochemical and Biophysical Research Communications	2025	Yes	4.9 (IF 2.2)
48	Nature's answer to thyroid cancer: unraveling eclipta prostrata's hidden potential through in silico molecular exploration	Journal of Biomolecular Structure and Dynamics	2025	Yes	8.4 (IF 2.4)
49	Nature's Signature in Ayurveda with an Ethnopharmacological Approach: A Narrative Review	Current traditional medicine	2024	Yes	1.6 (IF 0.9)
50	Phytochemical, Medicinal, and Green Approaches of Allamanda cathartica L.: A Mini Review	Current Indian Science	2022	Yes	
51	Phytochemistry, pharmacology, and medicinal aspects of Allium fistulosum L.: A narrative review	Journal of Applied Pharmaceutical Science	2023	Yes	2.3
52	<i>Roscoea purpurea (Kakoli): Exploring the imperative for conservation of an endangered Ashtawarga plant through comprehensive review.</i>	International Journal of Minor Fruits, Medicinal and Aromatic Plants	2023	Yes	

53	Synthesis, Characterization and Antibacterial Efficacy of <i>Catharanthus roseus</i> and <i>Ocimum tenuiflorum</i> -Mediated Silver Nanoparticles: Phytonanotechnology in Disease Management	Processes	2023	Yes	5.5 (IF 2.8)
54	Therapeutic potential and applications of red algae: a comprehensive scientific review.	Phytochemistry Reviews	2024	Yes	IF 7.6
55	Therapeutic Potential of Nishamalaki Churna in Diabetes Management: A Phytochemical and Mechanistic Review	Current Indian Science	2025	Yes	
56	Toward an Integrated Therapeutic Approach for Familial Hypercholesterolemia	Current Medical Science	2026	Yes	IF 1.5
57	Traditional uses and phytopharmacology of <i>Cirsium arvense</i> : Bioprospecting potential of a weed from temperate biome.	Journal of Applied Pharmaceutical Science	2024	Yes	2.3
58	Traditional uses, hepatoprotective potential, and phytopharmacology of <i>Tinospora cordifolia</i> : A narrative review	Journal of Pharmacy and Pharmacology	2024	Yes	6.1 (IF 3.2)
59	Unraveling the therapeutic potential of <i>Senna singueana</i> phytochemicals to attenuate pancreatic cancer using protein-protein interactions, molecular docking, and MD simulation	In Silico Pharmacology	2023	Yes	
60	<i>Withania coagulans</i> Dunal.: A Narrative Review of an Anti-diabetic Shrub of the Desert Biome	The Natural Products Journal	2025	Yes	2 (IF 1.2)
61	Distribution, phytochemical diversity, and ethnopharmacological significance of the genus <i>Boerhavia</i> Vaill. ex L., with special reference to <i>Boerhavia diffusa</i> L.	Genetic Resources and Crop Evolution	2026	Yes	

62	Integrating Garbha Sanskar and Beej Sanskar with Modern Prenatal Care: A Systematic Review of Maternal–Fetal Health Outcomes	Current Women`s Health Reviews	2026		Yes	0.7 (IF 0.3)
63	Technological Aspects, Challenges and Applications of Pulsatile Drug Delivery System-A Critical Review	Current Drug Delivery	2025		Yes	6.1 (IF 3)
64	Unveiling the Power of Integrated Pathy: A Clinical Insight into Colitis Management	Current Advances in Medicine	2025		Yes	
65	Assessment of Antibiotic Resistance Profiles in Cultivable Coliform Organisms Isolated from Ganga River Waters Across the Upper, Middle, and Lower Ganga Stretch	Dr. Vedpriya Arya	3 Biotech	2024	Yes	IF 2.6
66	Integrative Management of Dental Caries and Periodontitis: Harmonizing Ancient Herbal Wisdom with Contemporary Therapeutic Strategies: A Comprehensive Narrative Review	Dr. Vedpriya Arya	The Open Dentistry Journal	2025	Yes	1.8 (IF 0.6)

Table. 2 List of International Conferences

S. No.	Title of conference	Venue of conference	Date of conference	Total No. of participants attended conference
1	Plants to Patients Series III: Rethinking Ethnopharmacology	University of Patanjali, Haridwar	28th Feb to 2nd Mar 2023	206
2	Achieving Holistic Health through Ayurveda along with Advanced Technologies	Patanjali Phase-I	9th to 11th Nov 2023	410
3	AYURDHAN 2024 - An International Conference on Harmonizing Ayurveda, Technology, and Innovation for a Healthier Future	University of Patanjali, Haridwar	27th to 29th Oct 2024	549

Table. 3 List of Workshops

S.No.	Title of workshop	Venue of workshop	Date of workshop	Total No. of participants attended workshop
1	Scientific Paradigms of Anti-Cancer Treatments Available in Ayurveda	University of Patanjali, Haridwar	5th Sept 2022	250

2	Integrated Pathy: A Holistic Way to Combat	Patanjali Ayurved Hospital, Haridwar	30th Sept 2022	47
3	AYUSH Herbal Research, Data Analysis, and Validation of Ayurvedic Drugs	Patanjali Research Institute, Haridwar	17th Dec 2022	44
4	International Year Of Millets-2023 'MILLET MAHOTSAV' (A National Workshop on Tradition & Innovation in Millets)	University of Patanjali, Haridwar	12th April 2023	596
5	Ayurvedic Principles in Healthcare with Evidence-based Scientific Approaches	Patanjali Research Foundation, Haridwar	16th Sept 2023	259
6	Herbal Medicines: Adulteration, Quality Norms and Standardisation	Samriddha Gram, Patanjali Training Center	27th Feb 2024	254
7	Integrative Health Solutions with Ayurveda, Acupressure, Yoga, and Naturopathy	Patanjali Research Foundation, Haridwar	11th Oct 2024	102

Table. 4 List of Awareness & Health Camps

S. No.	Title of seminar	Venue of seminar	Date of seminar	Total No. of participants attended seminar
1	Free Health Check-ups and Health-Care	Muldas Pur urf Majra	27-03-2023	352
2	Free Health Check-ups and Health-Care	Rajputana (Santarshah)	28-03-2023	306
3	Free Health Check-ups and Health-Care	Pherupur	29-03-2023	219
4	Free Health Check-ups and Health-Care	Dulatpur	30-03-2023	197
5	Free Health Check-ups and Health-Care	Bahadarpur Saini	31-03-2023	249
6	Free Health Check-ups and Health-Care	Dhadhekee Dhana	26-09-2023	344
7	Free Health Check-ups and Health-Care	Mehwar Kalan	27-12-2023	306
8	Free Health Check-ups and Health-Care	Imlikheri (Majari)	22-03-2024	225
9	Free Health Check-ups and Health-Care	Dhanoura	30-03-2024	259
10	Free Health Check-ups and Health-Care	Ibhrhimpur	31-03-2024	350

Figure. 1

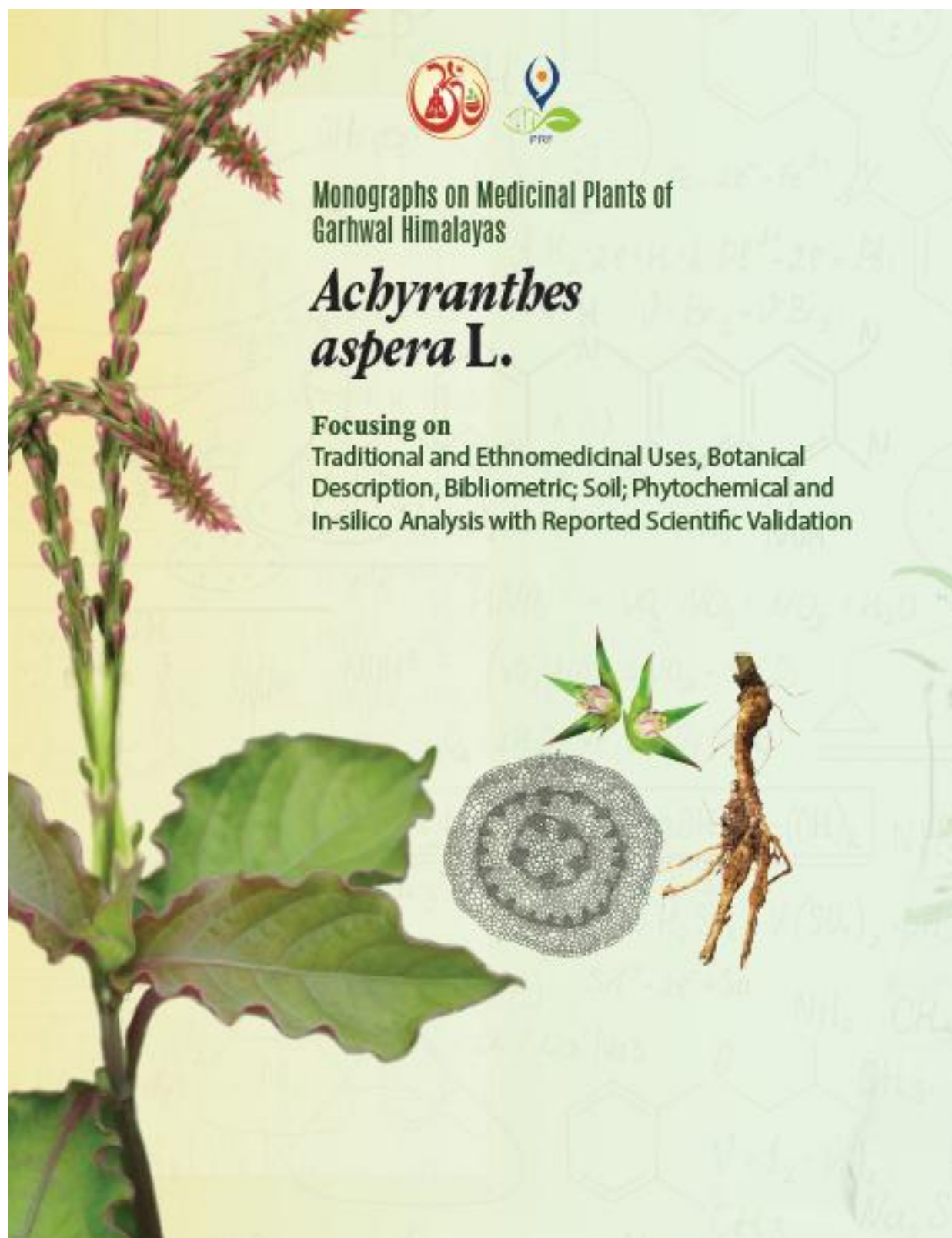


Figure. 2

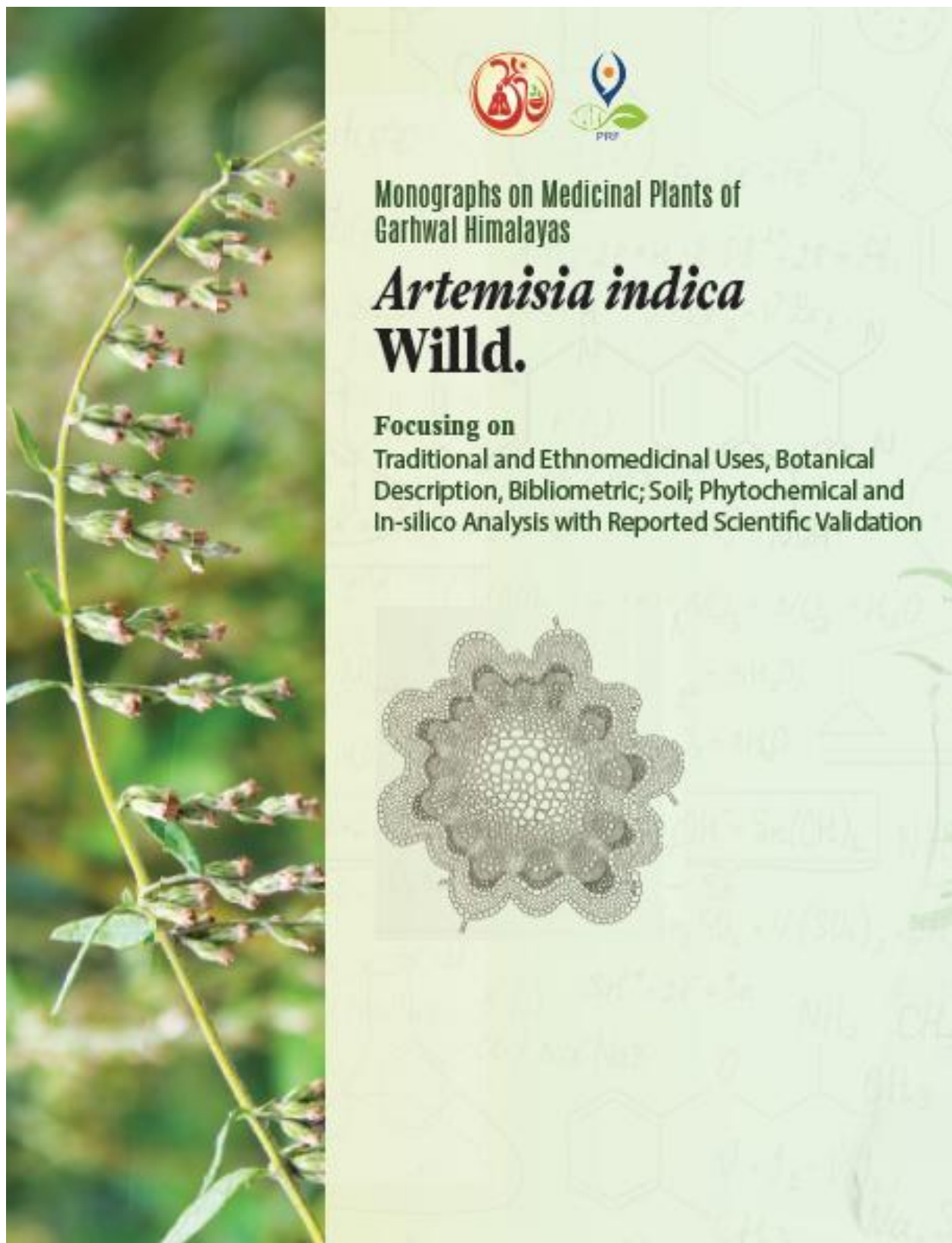


Figure. 3

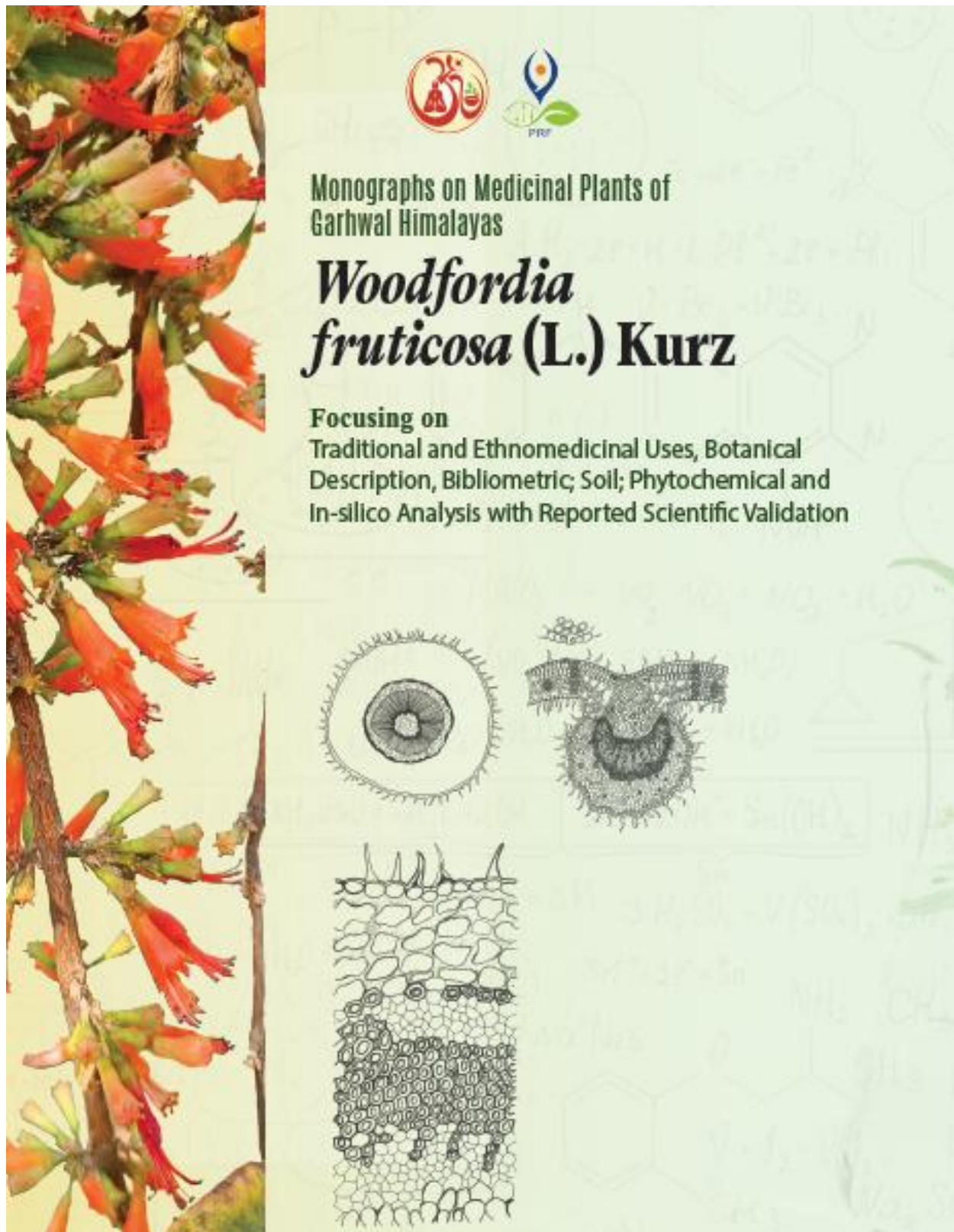


Figure. 4

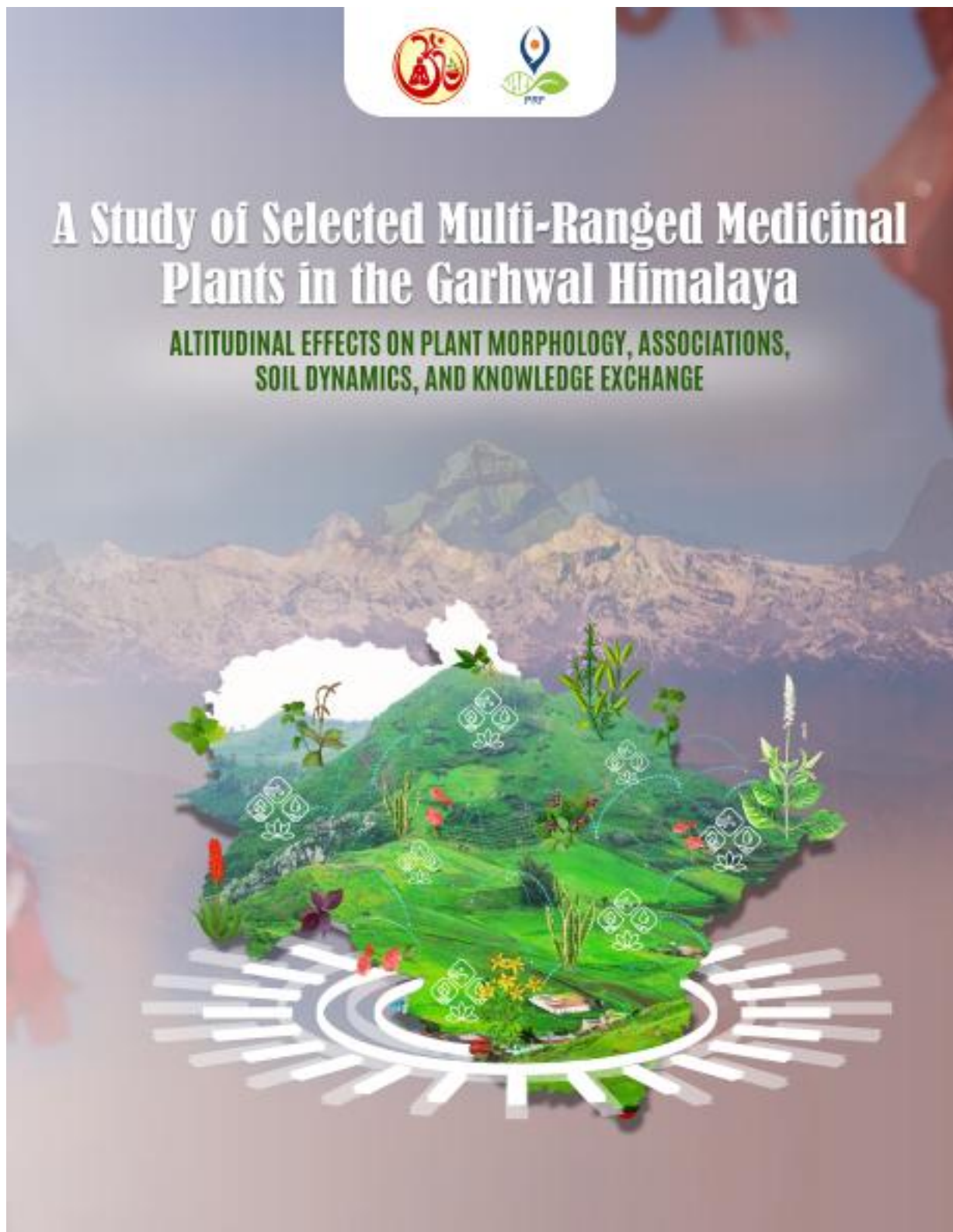


Figure. 5









Anesthesia work station & vaporizer