

**Roga Vigyana and Pariksha Vigyana**

1. Roga Rogi Pareeksha with detailed study of Nidana Panchakam
2. Understanding the diseases related to Prana, Udaka, Anna, Rasa, Raktha, Mamsa, Meda, Asthi, Majja, Sukra, Mootra, Purisha, Sweda and Manovaha srotas.
3. Indriya Pradoshaja Vikara. Jara janya Vyadhi: Alzheimer's Disease
4. Concept and tools for the study of Anukta Vyadhi (Unexplained and newly emerging diseases).
5. Understanding the concept of karmaja vyadhi
6. Ayurvedic interpretation of all relevant findings of modern clinical examinations, various Laboratory and other Diagnostic tools.
7. Understanding of diagnostic procedures in medical emergencies.
8. Concept of Good clinical practice in Ayurveda and modern medicine.
9. Knowledge of standard clinical laboratory set up useful for Ayurvedic practice.
10. Knowledge of Ancillary common laboratory investigations for diagnosis of diseases, their methods, normal and abnormal values, factors influencing values and their Ayurvedic interpretations & clinical significance as mentioned in practical syllabus.
11. Importance of Bio markers and their utility in clinical researches
12. Update knowledge of emerging diagnostic tools and technologies.

**Vikriti Vigyana and Jivanu Vigyana**

1. Introduction to pathology and technique for the study of pathology
2. Cell injury and cellular adaptations
3. Immunopathology including amyloidosis and its interpretation with the concept of Ojas & Bala
4. Concept of Shotha versus Inflammation, oedema and healing
5. Derangement of Homeostasis and Hemodynamic disorders
6. |General character and classification of Neoplasia
7. Detail study of Krimi Vigyanam versus infectious and parasitic diseases along with their mode of infection and life cycle
8. Concept of Snayuka, Shleepada and introduction to Filariasis and classification of common parasites.
9. Concept and applied aspects of Janapadodhvamsa and Environmental diseases .

10. Nutritional disorders .Concept of genetic diseases and its interpretation in terms of Bija dosha
11. Knowledge of common Bacteria, Virus, Parasites, Fungi and their classification with their disease processes, Nutrition requirements, media and methods for culture and sensitivity

**TEXT BOOKS/ REFERENCES:**

1. Doshakaranatwa Mimamsa - Acharya P.V. Sharma
2. Nadi Darshan - Vd. Tara Shankar Mishra
3. Nadi Vigyanam - Vidyotini Hindi Tika
4. Rogi Pariksha vidhi - Acharya Priyavrata Sharma
5. Roga Vigyan - Dr.Vinay Kumar
6. Siddanta Nidan - Gananatha Sen
7. Ayurvediya Roga Vargikaran - Vd. Ramanath and Vd. Gurdip Singh
8. Ayurvediya Nidan Evum Chikitsa Ke Siddhanta - Prof. Ram Harsh Singh
9. Relevant portions of Charak Samhita, Sushrut Samhita and Vagbhata
10. Clinical methods in Ayurveda - K. R . S. Murthy
11. Parameswarappa's Ayurvediya Vikriti Vigyan - Dr. P.S. Byadgi. and Roga Vikriti Vigyan
12. Samprapti lakshana yoh sambhandah - K.Sadashiva Sharma
13. Clinical Diagnosis in Ayurveda in - Vaidya Vasant Patil Roga Nidana and Vikriti Vigyana
14. Clinical Methods - Hutchinson's
15. Bedside Clinics in Medicine Part- I & II – Kundu
16. Practical Pathology - Dr. K. Uma Chaturvedi
17. Medical Laboratory Technology - R. Sood
18. Clinical Diagnosis and Management by - Todd, Sanford and Davidson  
Laboratory methods
19. Robbins Basic Pathology - Kumar, Abbas, Fausto at
20. Text Book of Pathology - William Boyds.
21. Text Book of Pathology - Harsh Mohan
22. Text Book of Pathology - Dey and Dey
23. Text Book of Parasitology - Ramnik Sood