

# **Rognidan Evam Vikriti Vigyan Department**

## **Introduction**

The Department of Rognidan Evam Vikriti Vigyan at Government Ayurveda College, Dharashiv is a well-established center for both education and clinical training. At present, the department offers comprehensive undergraduate education, supported by modern infrastructure and dedicated faculty.

The department houses a spacious, well-equipped student practical laboratory, along with a museum and a specialized library, all designed to enhance effective teaching and hands-on learning. A team of full-time, committed faculty members ensures high-quality instruction and practical training for students.

In addition, the department operates a fully functional Central Pathology Laboratory, which serves as a vital resource for undergraduate students, as well as PG and PhD researchers. The laboratory is staffed by qualified and dedicated technicians who work diligently to support patient care at the Ayurvedic Hospital. It provides essential diagnostic investigations that enable Ayurveda doctors to deliver accurate and effective treatment to patients.

## **Infrastructure**

The Department of Rognidan Evam Vikriti Vigyan is a well-established unit, fully equipped in line with the NCISM 2024 guidelines. All infrastructural requirements mandated under the Minimum Essential Standard Assessment and Rating (MESAR) framework has been meticulously fulfilled. The department provides ample space, modern equipment, essential instruments, advanced teaching aids, and comprehensive laboratory facilities to support both undergraduate and postgraduate education, while also delivering efficient diagnostic services.

With a clear vision of academic excellence, the department strives to advance Ayurvedic diagnostic science through high-quality education, dependable laboratory practices, and continuous scholarly development. It remains dedicated to nurturing physicians who possess strong diagnostic acumen, a sound scientific outlook, and the ability to integrate traditional wisdom with modern approaches.

### Faculty details

Sr. No.	Name of faculty	Designation	Degree
1	Dr. Mayur Deshmukh	Assistant Professor & H.O.D.	B.A.M.S. M.D.
2	Dr. Trupti Sarode	Associate Professor	B.A.M.S. M.D.
3	Dr. Samata Galphade	Assistant Professor	B.A.M.S. M.D.

### Lab Technicians

Sr. No.	Name of Lab Technicians	Degree
1	Mr. Amol Gadawalkar	B.Sc. D.M.L.T.
2	Mr. Vishal Chavan	B.Sc.P.M.T. (Laboratory)
3	Dr. Shripad Kudkyal	B.Sc. D.M.L.T. PGDHM, Ph.D.
4	Mr. Devidas Adawant	D.M.L.T.

### Lab Attendant

Sr. No.	Name of Lab Attendant	Degree
1	Mrs. Suvarna Kamble	B.A. D.M.L.T.



## Investigation Facilities

### Haematology:

Test	Method/Instrument
CBC (Complete Blood Count)	5-part & 3-part fully automated cell counters (Erba Transasia, Nihon Kohden)
Blood Group	Standard agglutination methods
ESR (Erythrocyte Sedimentation Rate)	Westergren method
Peripheral Blood Smear	Manual microscopy
Coagulation Profile	4-channel ECL 412

### Biochemistry:

Test	Method/Instrument
BSL (Blood Sugar Level)	Fully automated biochemistry analyser (EM 360)
LFT (Liver Function Tests)	EM 360
KFT (Kidney Function Tests)	EM 360
Iron Profile	EM 360

Test	Method/Instrument
Lipid Profile	EM 360
OGTT (Oral Glucose Tolerance Test)	EM 360
CRP (C-Reactive Protein)	EM 360
HbA1C	NGSP-standard dedicated HbA1C analyser (HPLC method)
Electrolytes	Dedicated electrolyte analyser, EC-90

### **Hormone Profile:**

Test	Method/Instrument
T3, T4, TSH	ELISA method (J Mitra ELISA reader & washer)

### **Urine Analysis:**

Test	Method/Instrument
Routine Urine Examination	Automated urine analyser

### **Serology Immunology:**

Test	Method/Instrument
HIV	Rapid/ELISA
HBsAg	Rapid/ELISA
HCV	Rapid/ELISA
Dengue	Rapid test
Malaria	Rapid test
Typhi Dot	Rapid test
VDRL	Rapid test
RA Factor	Latex agglutination
ASO Titre	Latex agglutination

## Lab Instruments

