



DR. G.D. POL FOUNDATION

**YMT AYURVEDIC MEDICAL COLLEGE & HOSPITAL
NAVI MUMBAI**

Phone: 022- 27744406

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Institutional Area, Sector-4, Kharghar, Navi Mumbai 410210

Course Outcomes (CO)

Charak Poorwardha

At the end of the course Charak Poorwardha, the student should be able to:

CO1: Give advice for Health and lifestyle management through Dinacharya, Rutucharya, Sadvrutta etc.

CO2: Demonstrate Ayurvedic fundamentals of Nidana (Diagnosis) with the help of complete and thorough knowledge.

CO3: Prepare kashaya kalpanas and various formulations.

CO4: Assess diseases using knowledge of nidan panchaka.



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Course Outcomes (CO)

Charak Uttarardha

At the end of the course Charak Uttarardha, the student should be able to:

CO1: Express comprehensive knowledge of Rasayan and Vajikaran from preventive and curative aspect.

CO2: Diagnose (nidan) and manage (chikitsa) of various diseases on the basis of ayurvedic principles.

CO3: Select Panchakarma procedures according to diseases.

CO4: Able to select the formulation/drug and upakrama (procedure) according to vyadhi and rugna avastha.

CO5: Prepare medicines of panchakarma.

CO6: Practice pure, ethical and proper Ayurvedic treatment.



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Course learning Outcomes UG-Dravya Guna

At the end of the course AyUG-DG, the students should be able to B1 Course learning Outcomes matched with program learning outcomes.

CO1 Demonstrate the application of principles of Dravyaguna in clinical practice.

CO2 Analyze and justify the fundamental principles of Dravyaguna in relevance to contemporary sciences.

CO3 Analyze and interpret Rasa Panchaka of Dravya with their application in clinical practice.

CO4 Interrelate the knowledge on Karma (pharmacological actions) with Rasa panchaka and basic contemporary clinical pharmacology.

CO5 Demonstrate and Justify the ability to select the specific Dravyas, Prashata Bhesaja with different dosage forms in different clinical conditions.

CO6 Demonstrate knowledge of quality control methods of drug.

CO7 Demonstrate knowledge and skills about Apamishrana (adulterants), Abhava pratinidhidravya (substitutes), Prashastabhesaja (ideal drug) and plant extracts.

CO8 Identify the medicinal plants and orient about conservation, cultivation, sustainable utilization & Pharmacovigilance.

CO9 Demonstrate fundamental principles of applied Pharmacology.



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Course learning Outcomes kriya sharir

At the end of the course AyUG-KS, the student should be able to B1 Course learning Outcomes matched with program learning outcomes.

CO 1 Explain all basic principles & concepts of Kriya Sharir along with essentials of contemporary human physiology and biochemistry related to all organ systems.

CO 2 Demonstrate and communicate normal and abnormal variables pertaining to Kriya Sharir such as Sara, Agni, Koshtha, Srotas etc.

CO 3 Differentiate between Prakriti and Vikriti in the individuals after carrying out relevant clinical examinations.

CO 4 Carry out clinical examination and experiments using equipments with interpretation of their results.

CO 5 Differentiate the strengths & limitations of Ayurved and contemporary sciences.

CO 6 Present a short project work / research activity covering the role of Kriya Sharir in preventive and promotive healthcare.

CO 7 Show a sense of curiosity and questioning attitude towards the life processes and to display compassion and ethical behaviour.

CO 8 Effectively communicate verbally and in writing preferably using Ayurvedic terminology along with contemporary terminology among peers, teachers and community.



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Course Outcomes (CO)

Padarth Vidnyan

At the end of the course AyUG-PV, the student should be able to:

CO 1: Illustrate the scope and utility of Ayurveda

CO 2: Explain Philosophical foundation of Ayurveda, Principles (Siddhantha) of Darshana along with their similarities and relevance in Ayurveda and contemporary sciences.

CO 3: Analyse and interpret Padartha (Prameya) in Darshana and Ayurveda. Recognize their applications in Ayurveda.

CO 4: Distinguish, analyse and apply concept of Pramana shastra (Epistemology) in Darshana and Ayurveda. Demonstrate their applications in Ayurveda.

CO 5: Analyse and apply concept of Karya Karana Bhava in Ayurveda



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Course learning Outcome Rachana Sharir

CO1 Describe the fundamentals of Rachana Sharir, interpret and analyze it in relevant context and recognize its significance in Ayurveda.

CO 2 Explain Garbha Sharir and Embryology in Ayurveda and modern science respectively with clinical significance.

CO 3 Describe and demonstrate all the bones and joints with attachments of associated structures and its clinical application.

CO 4 Explain the concept of Sira-Dhamani-Strotas, their organization in the human body and its applied aspect.

CO 5 Identify the Marmas and understand its classification along with its importance in preventive and therapeutic aspect.

CO 6 Explain and demonstrate the gross anatomy of the organs of various systems and their applied anatomy in perspective of Ayurveda and Modern science.

CO 7 Explain the Indriya Sharir and Sensory organs with its application in preventive and therapeutic domain.

CO 8 Identify and locate all the structures of body and mark the topography of the living Sharir.

CO 9 Respect the cadaver and perform dissection with commitment to reiterate the theoretical aspect of Ayurved Rachana Sharir and contemporary sciences.

CO 10 Describe the basic principles of imaging technologies and identify the anatomical structures in the radiograph.



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Course learning Outcomes Rasa Bhaishajya

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)

CO2 Demonstrate application of principles of Ayurvediya Aushadhi Prayoga Vigyana (Clinical Pharmacology)

CO3 Prepare Ayurvedic formulations in adherence to quality control parameters for raw materials, in-process and finished products.

CO4 Justify rationality of selection and administration of Ayurvedic formulations.

CO5 Demonstrate application of ethical, legal and regulatory aspects of manufacturing and sale of Ayurvedic formulations.

CO6 Appraise research in current and emerging trend in Ayurvedic pharmaceuticals and allied sciences.



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Course learning Outcomes Roga Nidana

At the end of the course AyUG-RN, the students should be able to B1 Course learning Outcomes matched with program learning outcomes.

CO1 Identify the morbidities in accordance with principles of Ayurveda pathology (vikriti vigyan siddhanta)

CO2 Describe the basic, general, and systemic pathological process thereby applying it in reaching a diagnosis.

CO3 Perform appropriate clinical examination (pareeksha) utilizing Ayurveda and contemporary principles (samakalina siddhanta).

CO4 Order and interpret various diagnostic laboratory investigations and imaging.

CO5 Diagnose and present the case with clinical reasoning (naidanika tarka)

CO6 Follow and advise advancements in diagnosis (vyadhi vinischaya) and prognosis (sadhya asadhyata) in clinical practice (naidanika adhyayana)

CO7 Communicate effectively with the patient (rugna), relatives (bandhujan) and other stakeholders (anya hita dhaaraka)

CO8 Demonstrate ethics (sadvritta), compassion (karuna) and possess qualities of a clinician (vaidya guna)



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Course learning Outcomes SAMHITA ADHYAN 2

At the end of the course AyUG-SA2, the students should be able to B1 Course learning Outcomes matched with program learning outcomes.

CO1 Justify the Methodology of structuring samhitas and appraise the importance of tools of decoding Charakasamhita (Tantrayukti and vyakhyana)

CO2 Relate and interpret various references of concepts in Charakasamhita.

CO3 Explain and interpret biological factors and their measurements in the manifestation of diseases.

CO4 Explain and utilize various siddhantas in different dimensions of clinical practice.

CO5 Demonstrate the knowledge of dravya and adravya based therapeutics.

CO6 Apply diagnostic guidelines regarding diseases including arishta lakshana based on the principles mentioned in Charakasamhita.

CO7 Explore the determinants of health in the background of Charakasamhita. PO1 CO8 Develop ethical professional and moral codes and conducts as a physician.



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Course Outcomes (CO)

Samhita Adhyayan -1

At the end of the course AyUG-SA -1, the student should be able to:

CO 1: Distinguish the different Samhitas, their importance and methodology and familiarize with the tools of Samhita Adhyayan. (eg: tantrayukti)

CO 2: Interpret and apply the sutras from the Samhitas.

CO 3: Apply and evaluate the Tridosha, Saptadhatu and Mala principles (theory).

CO4: Practice and prescribe Dincharya (daily regimen), Ritucharya (seasonal regimen) and dietary principles for preservation of health.

CO 5: Explore and distinguish different types of food, food groups and medicinal dravyas mentioned in Samhitas.

CO6: Identify various etiopathological factors and predict different treatment principles

CO7: Recognize and explain the fundamentals behind various therapeutics (Shodhan and allied) and parasurgical therapies.

CO8: Develop a code of behavior and show mature behaviour in particular to the scientific deliberations.



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Ayurved Itihas

CO 8 Analyse and explain the important milestones in the history of Ayurveda.

CO 9 Appreciate the status of Ayurveda in different time periods and Contributions made by different Acharyas to Ayurveda.



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Course learning Outcomes Swathvritta

At the end of the course AyUG-SW, the students should be able to B1 Course learning Outcomes matched with program learning outcomes.

CO1 Demonstrate application of principles of Swasthavritta in lifestyle modifications.

CO2 Assess the health status and advise preventive & promotive measures according to Ayurveda principles.

CO3 Demonstrate and advise Yoga and Naturopathy as health promotive and disease preventive regimen.

CO4 Understand and apply the principles and components of primary health care and health policies to achieve the goal of health for all.

CO5 Advocate and propagate preventive principles of Ayurveda and contemporary sciences through Information, Education and Communication(IEC).

CO6 Conduct community surveys and apply epidemiological principles for the assessment of health & morbidity as a community physician.

CO7 Understand and apply the principles of environmental health and its effects on public health with control measures.

CO8 Demonstrate skills and research aptitude for the promotion of health and prevention of diseases.



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Course Outcomes (CO)UG AGADA TANTRA

- CO1. Demonstrate application of fundamental concepts of Agada Tantra, Vyavahara Ayurveda and Vidhi vaidyaka in real life situations.
- CO2. Diagnose and manage acute and chronic poisoning due to Sthavara, Jangama and Kritima visha along with their contemporary relevance.
- CO3. Demonstrate application of concepts of Dushivisha, Garavisha and Viruddha ahara in prevention, diagnosis and management of diseases.
- CO4. Demonstrate application of principles of Agada Tantra and therapeutic administration of common Agada yoga and Visha dravya in Clinical practice.
- CO5. Appreciate research updates in relevance to Agada Tantra and apply for healthcare promotion and social awareness.
- CO6. Demonstrate application of professional skills of Forensic Medicine in handling medico legal issues.
- CO7. Demonstrate professional and ethical behavior in discharging the medicolegal duties and responsibilities in abidance to the law.