

KMCT AYURVEDA MEDICAL COLLEGE

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TO WHOMSOEVER IT MAY CONCERN

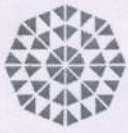
This is to certify that the information in the attachment documents is verified by me and is true to the best of my knowledge



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COURSE OUTCOMES OF ALL COURSES

BAMS

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FIRST PROF BAMS

Course Outcome

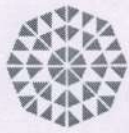
At the end of the course the student;

RACHANA SHAREERA

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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SAMHITA ADHYAYAN-1

CO1	Distinguish the different <i>Samhitas</i> , their importance and methodology and familiarize with the tools of <i>Samhita Adhyayan</i> . (eg: <i>tantrayukti</i>)
CO2	Interpret and apply the <i>sutras</i> from the <i>Samhitas</i> .
CO3	Apply and evaluate the <i>Tridosha</i> , <i>Saptadhatu</i> and <i>Mala</i> principles (theory).
CO4	Practice and prescribe <i>Dincharya</i> (daily regimen), <i>Ritucharya</i> (seasonal regimen) and dietary principles for preservation of health.
CO5	Explore and distinguish different types of food, food groups and medicinal <i>dravyas</i> mentioned in <i>Samhitas</i> .
CO6	Identify various etiopathological factors and predict different treatment principles
CO7	Recognize and explain the fundamentals behind various therapeutics (<i>Shodhan</i> 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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INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE



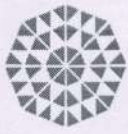


SAMSKRITAM EVAM AYURVED ITHIHAS

Sanskrit	
CO1	Read and recite Prose (गद्यः) and poem (पद्यः) with the appropriate accent (उच्चारणस्थानानि तथा बाह्याभ्यन्तरप्रयत्नानि). उच्चारणस्थानानां बाह्याभ्यन्तरप्रयत्नानां च सहाय्येन पाठने तथा लेखने सामर्थ्यम्
CO 2	Apply various Technical Terms in Ayurveda (परिभाषाशब्दाः), Nouns & Pronouns (नामरूपाणि तथा सर्वनामरूपाणि), Verbs (धातुरूपाणि), suffixes (प्रत्ययाः), Grammatical Terms (संज्ञा), Syntax (संधी) and Compounds (समासाः) from Sanskrit Grammar for enhanced interpretation of Ayurveda texts (आयुर्वेद संहिता). परिभाषाशब्देषु नामरूपेषु सर्वनामरूपेषु क्रियापदेषु प्रत्ययेषु संज्ञासु सन्धिषु समासेषु च ज्ञानं तद्द्वारा आयुर्वेदसंहितासु अर्थावबोधनम् प्रायोगिकविज्ञानञ्च
CO 3	Discriminate and interpret the Cases & meanings (विभाक्त्यर्थ) used in various verses of Ayurveda texts (आयुर्वेद संहिता). कारकविभक्त्यर्थेषु परिज्ञानं तथा आयुर्वेदसंहितासु तेषां प्रयोगपरिचयञ्च
CO 4	Formulate the Prose order (अन्वयः) of Slokas/Sutras in Ayurveda Textbooks (संहिता) to derive the meaning (वाच्यार्थ), to determine the Scientific Meaning (शास्त्रार्थ) and to Translate (Regional or other language). अन्वयलेखने वाच्यार्थावबोधने शास्त्रार्थावबोधने च सामर्थ्यं अनुवादनापाटवञ्च
CO 5	Interpret the Synonyms (पर्यायाः) and Derivations (निरुक्ति) of Ayurveda Terms using samskrita dictionaries (संस्कृत शब्दकोश). कोशग्रन्थानां सहाय्येन आयुर्वेदे विद्यमानानां पदानां तेषां पर्यायानाञ्च निरुक्तिपूर्वकं परिज्ञानं तेषां प्रयोगे परिचयञ्च
CO 6	Speak, Write and Summarize and Express in Samskrit (संस्कृतम्). संस्कृतभाषायां भाषणे लेखने सङ्क्षिप्य लिखने अर्थप्रकाशने च सामर्थ्यम्
CO 7	Develop the ethical responsibility towards the profession, society and human being. सामाजिक- औद्योगिक-मानुषिक धर्मबोधता
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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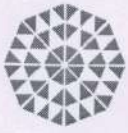
KRIYA SHAREERA

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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PADARTHA VIJANAM

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.

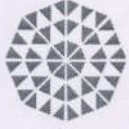
SECOND PROF BAMS

SWASTHAVRITTA EVAM YOGA

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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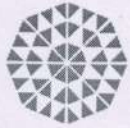
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ROGA NIDAN EVAM VIKRITI VIGYAN

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



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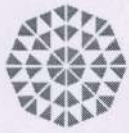
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DRAVYAGUNA VIGYAN

CO1	Demonstrate the application of principles of <i>Dravyaguna</i> in clinical practice.
CO2	Analyze and justify the fundamental principles of <i>Dravyaguna</i> in relevance to contemporary sciences.
CO3	Analyze and interpret <i>Rasa Panchaka</i> of <i>Dravya</i> with their application in clinical practice.
CO4	Interrelate the knowledge on Karma (pharmacological actions) with <i>Rasa panchaka</i> and basic contemporary clinical pharmacology.
CO5	Demonstrate and Justify the ability to select the specific <i>Dravyas</i> , Prashata Bheshaja with different dosage forms in different clinical conditions.
CO6	Demonstrate knowledge of quality control methods of drug.
CO7	Demonstrate knowledge and skills about <i>Apamishrana</i> (adulterants), <i>Abhava pratinidhidravya</i> (substitutes), <i>Prashastabheshaja</i> (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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SAMHITA ADHYAYAN-2

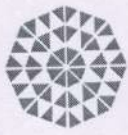
CO1	Justify the Methodology of structuring samhitas and appraise the importance of tools of decoding Charakasamhita (Tantrayukti and vyakhyana)
CO2	Relate and interpret various references of concepts in Charakasamhita
CO3	Explain and interpret biological factors and their measurements in the manifestation 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.
CO8	Develop ethical professional and moral codes and conducts as a physician.



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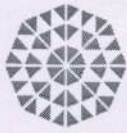
RASASHASTRA EVAM BHAISHAJYAKALPANA

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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AGAD TANTRA EVAM VIDHI VAIDYAKA

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 Kritrima 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 medico-legal duties and responsibilities in abidance to the law.



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