



**Shobhit
University**

EDUCATION EMPOWERS

Babu Vijendra Marg, Adarsh Institutional
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247341, India
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School of Ayurveda (KSVAMC&RC)
Bachelor of Ayurvedic Medicine and Surgery (B.A.M.S.)

Program Outcomes, Program Specific Outcomes & Course Outcomes
(POs, PSOs & COs)

Program Outcomes

Program Outcome		Statement
PO 1	Knowledge Application	Demonstrate comprehensive knowledge and application of the Trisutra concept to explore root causes, identify clinical manifestations of disease to treat ailments and maintain healthy status.
PO 2	Research Skills	Demonstrate knowledge and skills in Ayurveda, acquired through integration of multidisciplinary perspectives and keen observation of clinical and practical experiences.
PO 3	Sustainable Practices	Demonstrate proficiency in holistic, unique assessment of an individual for rational approach and decision-making in management of disease and maintenance of health.
PO 4	Technical Proficiency	Perform procedures and therapeutic maneuvers with skill and dexterity in a variety of situations.
PO 5	Critical Thinking	Demonstrate knowledge, skills and attitudes to provide holistic quality care and preparedness to practice.
PO 6	Communication Skill	Demonstrate agility, virtuous and ethical behavior and compassion to improve the well-being of individuals and society.
PO 7	Teamwork and Leadership	Demonstrate self-directedness in pursuit of knowledge and skills, which is required for advancing health care and wellbeing of society.
PO 8	Communication Skill	Demonstrate the ability to effectively communicate with patients, families, community and peers
PO 9	Lifelong Learning Economic Understanding,	Demonstrate an understanding of qualities and required skills as a practitioner, researcher and academician and an aspirations to become one





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Program Specific Outcomes (PSOs)

Program Specific Outcome	Statement
PSO 1	Apply fundamental principles of Ayurveda for diagnosing and managing common and chronic health conditions using traditional methods like Panchakarma, herbal formulations, and diet therapy.
PSO 2	Demonstrate the ability to integrate Ayurvedic knowledge with modern diagnostic tools and allopathic practices where appropriate, ensuring holistic and evidence-based healthcare.
PSO 3	Understand and prepare Ayurvedic medicines, including their formulation, preservation, and therapeutic usage, while adhering to safety and quality standards.
PSO 4	Design and implement strategies based on Ayurvedic preventive principles like Dinacharya, Ritucharya, and Rasayana therapy to promote community health and well-being.
PSO5	Uphold ethical standards, patient confidentiality, and a compassionate approach in healthcare delivery while engaging in lifelong learning and professional development.





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Course Outcomes (COs)
1st Professional

Course: Padarth Vigyan

Course Outcomes	Statement
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.

Course: Rachana Sharira

Course Outcome	Statement
CO 1	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





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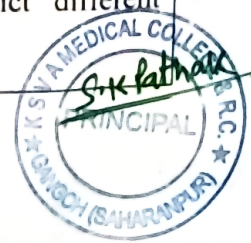
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	importance in preventive and therapeutic aspect
CO 6	Explain and demonstrate the gross anatomy of the organs of various systems and their applied anatomy in perspective of Ayurveda and Modern science
CO 7	Explain the Indriya Sharir and Sensory organs 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
CO10	Describe the basic principles of imaging technologies and identify the anatomical structures in the radiograph

Course: Samhita Adhyayan-1

Course Outcomes	Statement
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. P
CO 3	Apply and evaluate the Tridosha, Saptadhatu and Mala principles (theory).
CO 4	Practice and prescribe Dinacharya (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.
CO 6	Identify various etiopathological factors and predict different treatment principles





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CO 7	Recognize and explain the fundamentals behind various therapeutics (Shodhan and allied) and parasurgical therapies.
CO 8	Develop a code of behavior and show mature behaviour in particular to the scientific deliberations.

Course: Sanskrit

Course Outcomes	Statement
CO 1	Read and recite Prose (गद्यः) and poem (पद्यः) with the appropriate accent
CO 2	Apply various Technical Terms in Ayurveda (पररभाषाशब्दाः), Nouns & Pronouns (नामरूपानण तथा सर्यनामरूपानण), Verbs (धातुरूपानण), suffixes (प्रत्ययाः), Grammatical Terms (सांज्ञा), Syntax (सांधी) and Compounds (समासाः) from Sanskrit Grammar for enhanced interpretation of Ayurveda texts
CO 3	Discriminate and interpret the Cases & meanings (नर्भाक्त्यथय) used in various verses of Ayurveda texts
CO 4	Formulate the Prose order (अत्र्यः) of Slokas/Sutras in Ayurveda Textbooks (सांनहता) to derive the meaning (र्ाच्याथय), to determine the scientific Meaning (शास्त्राथय) and to Translate (Regional or other language).
CO 5	Interpret the Synonyms (पयाययाः) and Derivations (ननरुनि) of Ayurveda terms using samskrita dictionaries
CO 6	Speak, Write and Summarize and Express in Samskrit
CO 7	Develop the ethical responsibility towards the profession, society and human being.
CO 9	Appreciate the status of Ayurveda in different time periods and contributions made by different Acharyas to Ayurveda.





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Course: Kriya Sharira

Course Outcomes	Statement
CO1	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, Koshta, 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

Course Outcomes (COs)

2nd Professional

Course: Rasa Shastra and Bhaishajya Kalpana

Course Outcomes	Statement
CO 1	Demonstrate application of principles of Ayurvediya Aushadhi Nirmana (Ayurvedic Pharmaceutics)
CO 2	Demonstrate application of principles of Ayurvediya Aushadhi Prayoga Vigyana (Clinical Pharmacology)
CO 3	Prepare Ayurvedic formulations in adherence to quality control parameters for raw materials, in-process and finished products





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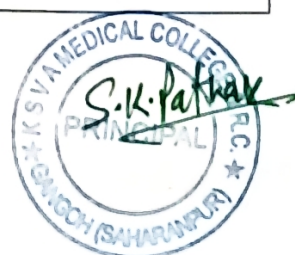
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CO 4	Justify rationality of selection and administration of Ayurvedic formulations
CO 5	Demonstrate application of ethical, legal and regulatory aspects of manufacturing and sale of Ayurvedic formulations.
CO6	Appraise research in current and emerging trend in Ayurvedic pharmaceuticals and allied sciences.

Course: Dravyaguna Vigyan

Course Outcomes	Statement
CO 1	Demonstrate the application of principles of Dravyaguna in clinical practice.
CO 2	Analyze and justify the fundamental principles of Dravyaguna in relevance to contemporary sciences.
CO 3	Analyze and interpret Rasa Panchaka of Dravya with their application in clinical practice.
CO 4	Interrelate the knowledge on Karma (pharmacological actions) with Rasa panchaka and basic contemporary clinical pharmacology.
CO 5	Demonstrate and Justify the ability to select the specific Dravyas, Prashata Bhesaja with different dosage forms in different clinical conditions.
CO 6	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.
CO 8	Identify the medicinal plants and orient about conservation, cultivation, sustainable utilization & Pharmacovigilance
CO 9	Demonstrate fundamental principles of applied Pharmacology





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Course: Roganidana

Course Outcomes	Statement
CO 1	Identify the morbidities in accordance with principles of Ayurveda pathology (vikriti vigyan siddhanta)
CO 2	Describe the basic, general, and systemic pathological process thereby applying it in reaching a diagnosis
CO 3	Perform appropriate clinical examination (pareeksha) utilizing Ayurveda and contemporary principles (samakalina siddhanta)
CO 4	Order and interpret various diagnostic laboratory investigations and imaging
CO 5	Diagnose and present the case with clinical reasoning (naidanika tarka)
CO 6	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 dhaarakas)
CO 8	Demonstrate ethics (sadvritta), compassion (karuna) and possess qualities of a clinician (vaidya guna)

Course: Agad Tantra

Course Outcomes	Statement
CO 1	Demonstrate application of fundamental concepts of Agada Tantra, Vyavahara Ayurveda and Vidhi vaidyaka in real life situations.
CO 2	Diagnose and manage acute and chronic poisoning due to Sthavara, Jangama and Kritrima visha along with their contemporary relevance.
CO 3	Demonstrate application of concepts of Dushivisha, Garavisha and Viruddha ahara in prevention, diagnosis and management of diseases.





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CO 4	Demonstrate application of principles of Agada Tantra and therapeutic administration of common Agada yoga and Visha dravya in Clinical practice.
CO 5	Appreciate research updates in relevance to Agada Tantra and apply for healthcare promotion and social awareness
CO 6	Demonstrate application of professional skills of Forensic Medicine in handling medico legal issues.
CO 7	Demonstrate professional and ethical behavior in discharging the medico legal duties and responsibilities in abidance to the law.

Course: Samhita Adhyayan Ii

Course Outcomes	Statement
CO 1	Justify the Methodology of structuring samhitas and appraise the importance of tools of decoding Charakasamhita (Tantrayukti and vyakhyana)
CO 2	Relate and interpret various references of concepts in Charakasamhita
CO 3	Explain and interpret biological factors and their measurements in the manifestation of diseases.
CO 4	Explain and utilize various siddhantas in different dimensions of clinical practice
CO 5	Demonstrate the knowledge of dravya and adravya based therapeutics.
CO 6	Apply diagnostic guidelines regarding diseases including arishta lakshana based on the principles mentioned in Charakasamhita
CO 7	Explore the determinants of health in the background of Charakasamhita.
CO 8	Develop ethical professional and moral codes and conducts as a physician.





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Course: Swasthavritta

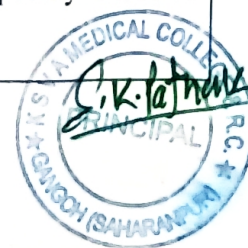
Course Outcomes	Statement
CO 1	Demonstrate application of principles of Swasthavritta in lifestyle modifications
CO 2	Assess the health status and advise preventive & promotive measures according to Ayurveda principles
CO 3	Demonstrate and advise Yoga and Naturopathy as health promotive and disease preventive regimen
CO 4	Understand and apply the principles and components of primary health care and health policies to achieve the goal of health for all
CO 5	Advocate and propagate preventive principles of Ayurveda and contemporary sciences through Information, Education and Communication (IEC).
CO 6	Conduct community surveys and apply epidemiological principles for the assessment of health & morbidity as a community physician
CO 7	Understand and apply the principles of environmental health and its effects on public health with control measures
CO 8	Demonstrate skills and research aptitude for the promotion of health and prevention of diseases

Course Outcomes (COs)

3rd Professional

Course: Shalaky Tantra

Course Outcomes	Statement
CO1	Demonstrate clinical application of anatomy and physiology of the Netra, Karna, Nasa, Mukha, Shiras.
CO2	Identify and understand Nidana-panchaka of diseases in Shalakyatantra according to Ayurveda and contemporary medical science. (Rogapareeksha)





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CO3	Conduct appropriate clinical examinations using various diagnostic and imaging techniques, along with appropriate instrument usage and interpretation, as per Ayurveda and contemporary medical sciences.
CO4	Present the cases related to Shalakyatantra with clinical reasoning (Naidanika Tarka) along with prognosis (Sadhya-asadhyata) in clinical practice.
CO5	Acquire a knowledge of principles of treatment and various therapeutic measures related to Shalakyatantra, according to Samhitas and contemporary medical science.
CO6	Perform appropriate therapeutic measures related to Shalakyatantra and seek or refer for expert opinion whenever needed.
CO7	Communicate effectively with the patient, relatives and other stakeholders.
CO8	Demonstrate ethics (Sadvrutta), compassion (Karuna) and possess qualities of a clinician (Vaidyaguna).

Course: Shalya Tantra

Course Outcomes	Statement
CO 1	Apply knowledge, critical thinking, and analytical skills for diagnosis and management of Shalya Tantra conditions with relevant contemporary science.
CO 2	Demonstrate the common surgical and parasurgical procedures competently
CO 3	Demonstrate adequacy of patient care through effective communication and interpersonal skills.b
CO 4	Promote awareness of Ayurvedic surgical practices within the community, advocating for healthcare policies that integrate traditional and modern surgical practices
CO 5	Select, and apply appropriate methods /procedures and resources in patient management related to computing technical tools with an understanding of the limitations of Ayurveda and modern medicine.





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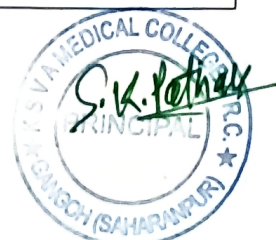
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CO 6	Recognize surgical emergencies and trauma cases, coordinate resuscitative measures and manage accordingly or by referral for expert care at the optimum time.
CO7	Demonstrate professionalism with high ethical standards, imbibing the leadership quality, and be committed to continuous improvement of skills and knowledge in the field of Shalya Tantra research.

Course: Kayachikitsa

Course Outcomes	Statement
CO1	Appraise the knowledge of health and diseases along with principles and practices of Kayachikitsa in various ailments of adult population in alignment with Trisutra concept
CO 2	Integrate the application of multidisciplinary sciences, tools and techniques for a biopsychosocial approach towards diagnosis, prognosis & management of diseases including anukta roga to restore dhatusamya.
CO 3	Construct treatment plans/protocols applying yukti in accordance with the Chikitsa sutra including pathya apathya with appropriate documentation adhering to legal, safety and regulatory standards
CO 4	Demonstrate the application of Rasayana and Vajikarana as prophylactic, therapeutic, restorative and palliative medicine
CO 5	Perform various skills (Karma Kaushalya) in dealing with Atyayika Avastha including first aid and primary management.
CO 6	Demonstrate self directedness in pursuit of new advancements in the field of biomedical research and government health care policies
CO7	Demonstrate agility, virtuous, ethical behaviour, compassion and communicate effectively with patients, relatives, and stakeholders about the prognosis and treatment including informed consent.





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Course: Panchkarma

Course Outcomes	Statement
CO1	Describe the fundamental concepts of Panchakarm.
CO 2	Identify and describe drugs, dose, instruments and their method of application in Panchakarma procedures
CO 3	Analyze the clinical applications of each procedure based on fundamental principles
CO 4	Illustrate comprehensive knowledge of Panchakarma procedures with appropriate and sequential Purva Karma, Pradhana Karma and Paschat Karma
CO 5	Demonstrate skills in performing procedures in various situations
CO 6	Assess the therapeutic efficiency and manage complications
CO 7	Utilize technological advancements and allied therapeutic interventions
CO 8	Possess qualities of a good Communicator and ethical Clinician & Researcher

Course: Research Methodology and Medical Statistics

Course Outcomes	Statement
CO1	Explain and utilize research methods and statistical concepts
CO 2	Distinguish, analyse and apply research types. Recognize their application in ayurveda.
CO 3	Explore and utilize various databases and guidelines.
CO 4	Distinguish, analyse and apply statistical tests. Recognize their application in ayurveda.
CO 5	Apply ethical aspect in conducting quality research.





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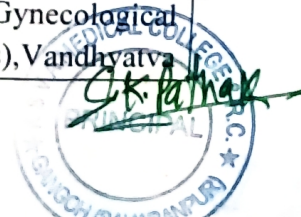
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Course: Kaumarabhritya

Course Outcomes	Statement
CO 1	Evaluate normal growth and development and its deviation in children.
CO 2	Diagnose and manage Bala Roga (Paediatric diseases) using both Ayurveda principles and contemporary medical science
CO 3	Demonstrate knowledge and skills in assessing and intervening child health through Ayurveda with research updates.
CO 4	Demonstrate effective communication skills to build a good rapport with child/care taker that encourage participation in the shared decision making for the child health care.
CO 5	Formulate Ayurveda methods of building good health and immunity for a child
CO 6	Construct the ability to customize the Ahara and Vihara with respect to Vaya, Ahara Prakarana, Prakruti and Roga Avasta of the child
CO 7	Demonstrate the skill of handling the child and perform the Panchakarma in Balaroga.
CO 8	Advocate the child rights, Respect the diversity and abide to the ethical and legal code of conduct in the child health care

Course: Stri evam Prasuti

Course Outcomes	Statement
CO 1	Explain anatomy, physiology, neuro-endocrinology of reproduction and implement Garbhini Paricharya (Antenatal care), Garbha Samskara to achieve Shreyasi Praja (healthy progeny) and minimize maternal morbidity and mortality
CO 2	Explain Youvanavastha(Puberty), Kishoravastha(Adoloscence) and Rajonivrutti(Menopause). Diagnose Yonivyapad (Gynecological disorders), Artava vyapad(Menstrual disorders), Vandhyatva





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	(Infertility), StanaRoga with integration of Ayurveda principles and Scientific advances for holistic management.
CO 3	Perform Sthanika upakrama (in-situ treatment), Panchakarma and Surgical procedures and implement drug interventions ethically ensuring patient safety
CO 4	Perform Normal labor, anticipate Obstetric emergencies and ensure timely referral. Manage Sutika (normal puerperium) and Sutika Vyapad (abnormal puerperium). Postpartum counseling on contraceptives.
CO 5	Participate in National maternal health programs and comprehend the medicolegal aspects related to Prasuti tantra and Stree Roga including the MTP ACT and PC-PNDT ACT. Demonstrate professional ethics, communication skills with compassionate attitude, engage in clinical research embracing the principles of lifelong learning and professional development.

