



**Shobhit
University**

EDUCATION EMPOWERS

Babu Vijendra Marg, Adarsh Institutional
Area Gangoh, Distt. Saharanpur (U.P.)
247341, India
Tel. +91 7830810052
E-mail registrargangoh@shobhituniversity.ac.in
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School of Ayurveda (KSVAMC&RC)
Department of Anatomy (M.D-Rachna Sharir)

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

Program Outcomes

Program Outcome		Statement
PO 1	Comprehensive Knowledge	Develop an in-depth understanding of Ayurvedic concepts of Rachna Sharir, correlating with modern anatomical sciences.
PO 2	Analytical Skills	Enhance the ability to critically analyze classical texts and contemporary research in Ayurvedic anatomy.
PO 3	Research Aptitude	Cultivate the skills required to conduct high-quality research, including study design, data analysis, and interpretation.
PO 4	Clinical Application	Integrate anatomical knowledge into clinical practice, improving diagnostic and therapeutic approaches.
PO 5	Pedagogical Skills	Prepare to teach and mentor students in Ayurvedic institutions, applying effective teaching methodologies.
PO 6	Ethical Practice	Promote ethical conduct and compassionate care in professional practice.
PO 7	Interdisciplinary Collaboration	Foster the ability to collaborate with practitioners of other medical disciplines for holistic healthcare.
PO 8	Communication Skills	Develop strong communication skills for conveying complex anatomical concepts to diverse audiences.
PO 9	Leadership and Advocacy	Encourage leadership in advancing Ayurveda and advocating for its integration into mainstream healthcare.
PO 10	Lifelong Learning	Inspire a commitment to ongoing learning and adaptation to advancements in medical sciences.





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Program Specific Outcomes (PSOs)

Program Specific Outcome	Statement
PSO 1	Mastery of Rachna Sharir:-Acquire profound knowledge of Ayurvedic anatomical concepts, including Marma, Srotas, and Kala.
PSO 2	Comparative Analysis: -Develop competence in comparing and integrating Ayurvedic anatomical knowledge with modern anatomy.
PSO 3	Skill Development:-Enhance practical skills in dissection, specimen preparation, and interpretation of anatomical structures.
PSO 4	Contribution to Ayurveda: - Generate original research and scholarly contributions to the field of Ayurvedic anatomy.





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Course Outcomes (COs)
1st Year

Course: Rachana Shareera Preliminary

Course Outcomes	Statement
CO 1	CO-1 Fundamental principles of Sharira: Explain and interpret fundamental principles of Sharira as described in classical Ayurvedic texts such as the Sushrut Samhita, Charak Samhita, Ashtang Sangrah, and Ashtang Hridaya.
CO 2	CO-2 Ayurvedic concept of purusha: Analyze the Ayurvedic concepts of Purusha, including Shad Dhatuj Purusha, Chaturvimshati Purusha, and other classifications relevant to anatomical understanding.
CO 3	CO-3 Garbha Sareera: Demonstrate a clear understanding of Garbha Sharira, including embryological theories like Shukra-Shonita Siddhanta, Dauhrida, and maternal contributions (Matrijadi Bhava).
CO 4	CO-4 Histological aspect of different organs: Identify and describe various human tissues and perform basic histological analyses of organs such as liver, kidney, spleen, uterus, endocrine glands, and nervous tissues.
CO 5	CO-5 Anatomical terminologies: Use proper anatomical terminology (Paribhasha Sharira) and apply concepts of Pramana Sharira to assess bodily dimensions and their diagnostic significance.
CO 6	CO-6 Systemic Anatomical study: Explain structural and functional aspects of major anatomical systems and structures including bones (Asthi), joints (Sandhi), muscles (Peshi), vessels (Sira, Dhamani), and body channels (Srotas).
CO 7	CO-7 Koshta Koshtanga Sareera: Understand and locate Koshta and Koshtang, including vital internal organs like Hridaya, Yakrit, Vrikka, Amashaya, etc., as per Ayurvedic anatomy.
CO 8	CO-8 Uttamangiya Sareera: Describe the Uttamangiya Sharir (head and nervous system), its development, structural units (neurons), and functional anatomy from an Ayurvedic and modern perspective.
CO 9	CO-9 Mrita Shodhan and Mrita Samrakshana: Demonstrate knowledge of post-mortem examination procedures as described by Sushruta including Mrita Shodhan and cadaver preservation techniques (Mrita Samrakshana).





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Course Outcomes (COs)
2nd and 3rd year

Course: Garbha Sharir

Course Outcomes	Statement
CO 1	CO-1 Etymology of garbhavakranthi: Understand the etymology and foundational concepts of Garbhavakranti Sharira.
CO 2	CO-2 Understanding of Garbhotpadaka bhavaas: Explain the features and significance of Shukra, Shonita, Beeja, Beejbhaga, and Beejbhagavyava.
CO 3	CO-3 Garbha poshana: Describe the sequential process of Garbha Poshana and the role of Garbhavridhikar Bhava.
CO 4	CO-4 Masanumasaki garbhavriddhi: Analyze the monthly fetal development (Masanumasiki Garbhavriddhi) and fetal circulation.
CO 5	CO-5 Laksanas: Explain physiological signs in Ritumati and Sadhyah Grihita Garbha.
CO 6	CO-6 Abnormal Pregnancies: Discuss types of abnormal pregnancies such as Yamal Garbha and Anasthi Garbha.
CO 7	CO-7 Basic and systemic embryology interpretation: Interpret basic and systemic embryology in Ayurvedic and modern perspectives.
CO 8	CO-8 Genetics and teratology: Acquire basic understanding of Anuvanshiki (Genetics) and Garbhajavikara (Teratology).





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Course: Koshthanga, Sira, Dhamani, Srotas Sharira

Course Outcomes	Statement
CO 1	CO-1 Koshta and koshtanga: Describe the etymology and structure of Koshtha and Koshthanga, including reproductive organs.
CO 2	CO-2 Asaya: Define and explain the structure and function of Ashaya.
CO 3	CO-3 Saptha Kala: Describe the seven Kala with modern anatomical equivalents and applied aspects.
CO 4	CO-4 Paribhasha Sareera: Explain Paribhashika Sharira terms like Snayu, Kandara, Rajju, Sanghata, and Jala.
CO 5	CO-5 Sira, dhamani, sroto sareera: Classify and describe Sira, Dhamani, and Srotas, including their clinical relevance
CO 6	CO-6 Vedhya avedhya Sira: Understand and distinguish Vedhya and Avedhya Sira and their practical applications.

Course: Marma, Asthi, Sandhi, Peshi Sharira

Course Outcomes	Statement
CO 1	CO-1 Marma Sareera: Define Marma, and describe its features, types, and classifications per Sushruta and Charaka.
CO 2	CO-2 Marma Applied aspects: Analyze the importance of Marma Abhighata and its surgical relevance in Shalyatantra.
CO 3	CO-3 Asthi Sareera: Explain structure, types, and ossification of bones (Asthi) with applied anatomical aspects.
CO 4	CO-4 Sandhi sareera: Describe types, features, and anatomical relevance of joints (Sandhi).
CO 5	CO-5 Peshi Sareera: Understand the structure, types, and clinical significance of muscles (Peshi).





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Course: Tantra Sharira, Antah and Bahih Granthi Vigyaniya

Course Outcomes	Statement
CO 1	CO-1 Indriya Sareera: Describe structure and function of Panchgyanendriya from Ayurvedic and modern perspectives.
CO 2	CO-2 Shad chakra: Explain the concept and significance of Shat Chakra, Ida, Pingala, and Sushumna Nadi.
CO 3	CO-3 Neuroanatomy: Understand structure and function of the brain, spinal cord, and peripheral nervous system.
CO 4	CO-4 Venous supply of brain: Explain venous sinuses, ventricular system, and blood supply of the brain with applied anatomy.
CO 5	CO-5 Endocrinology: Describe structure and function of Antahsravi (endocrine) and Bahihsravi (exocrine) glands.

