

**Table 2: Contents of Course AyUG-RS**

<b>Paper I</b>					
<b>SN</b>	<b>A2 List of Topics AyUG-RS</b>	<b>B2 Term</b>	<b>C2 Marks</b>	<b>D2 Lecture hours</b>	<b>E2 Non- Lecture hours</b>
1	<b>Shariropkramaniya Shaarira</b> <ul style="list-style-type: none"> <li>Sharir and Shaarir vyakhya (definitions of sharira and sharira)</li> <li>Shadangatvam (Six regions of the body)</li> <li>Anga Pratyanga vibhaga (subdivisions)</li> <li>Sharir shastra vibhag</li> <li>Sharir gyan prayojan and its description in contemporary science with its clinical importance</li> </ul>	I	6	4	2
2	<b>Paribhasha Shaarira</b> <ul style="list-style-type: none"> <li>Kurcha, Kandara, Jala, Asthisamghata, Seemnta, Seevani, Rajju, and lasika</li> <li>Terminologies related shadang sharir</li> </ul>	I	4	3	1
3.	<b>Garbha Shaarira</b> <ul style="list-style-type: none"> <li>Garbha Vyakhya (Definition of Garbha)</li> <li>Concept of Shukra and Artava</li> <li>Garbhavkranti. Masanumasik grabhavruddhi</li> <li>Role of panchamahabhoot in Garbhavruddhi</li> <li>Concept of Beeja, Beejabhaga, Beejabhagavayava</li> <li>Garbhposhana</li> <li>Apara nirmiti, Garbhanabhinadi</li> <li>Garbha Angapratyanga utpatti according to different Acharya</li> <li>Garbha Vikruti</li> </ul>	I	15	17	5
4.	<b>Asthi Shaarira</b> Enumeration of Asthi, Types, asthi swaroopa, with its applied aspect	I	4	2	1
5.	<b>Sandhi Shaarira</b> <ul style="list-style-type: none"> <li>Description of Sandhi and its enumeration,</li> <li>Types of Sandhi with its clinical importance</li> <li>Introduction of diseases of Sandhi explained in Ayurveda</li> </ul>	II	4	2	3
6.	<b>Snayu sharir</b> Concept of Snayu and its clinical importance	II	3	2	1
7.	<b>Peshi Shaarira</b> <ul style="list-style-type: none"> <li>Description of Peshi,</li> <li>Utpatti, types, Swaroop, function with its importance</li> </ul>	II	3	2	1
8.	<b>Kesha, Danta, Nakha Sharir</b> <ul style="list-style-type: none"> <li>Description of Panchbhautik swaroop and its applied value</li> <li>Explanation of its swabhava (Pitruja) and its applied value</li> <li>Description of Prakrita (normal) and Vikruta (abnormal) Swaroop (appearance) of kesha, danta, nakha in concern with disease</li> <li>Importance of examination of kesha, danta, nakha</li> </ul>	II	4	2	1

	as diagnostic tool				
9	<b>Embryology</b> <ul style="list-style-type: none"> <li>• Definitions and branches of embryology.</li> <li>• Embryo and Fetus. Sperm and Ovum, Fertilization, Cleavage.</li> <li>• Germ layers formation and their derivatives.</li> <li>• Laws of heredity, Sex determination and differentiation, Month-wise development of embryo.</li> <li>• Fetal circulation, Placenta formation, Umbilical cord formation</li> </ul>	I	5	7	2
10	<b>Osteology</b> <ul style="list-style-type: none"> <li>• Bone: structure, types and ossification.</li> <li>• Description of each bone with clinical anatomy</li> </ul>	I	12	9	6
11	<b>Arthrology</b> <ul style="list-style-type: none"> <li>• Joints: structure, types and movements.</li> <li>• Description of joints of extremities, inter-vertebral joints and temporomandibular joint with their clinical anatomy.</li> </ul>	II	10	10	6
12	<b>Myology</b> <ul style="list-style-type: none"> <li>• Structure and types of muscles. Description of important muscles: origin, insertion, actions, nerve supply and clinical anatomy.</li> <li>• Muscle movements in Yogasana</li> </ul>	II	4	6	2
13	<b>Nervous System</b> <ul style="list-style-type: none"> <li>• Nervous system: Introduction and classification</li> <li>• Meninges</li> <li>• Description of Brain and Spinal cord.</li> <li>• Description of Peripheral Nervous System: Cranial and Spinal nerves, Brachial, Cervical, Lumbar and Sacral nerve plexus,</li> <li>• Anatomical consideration of Autonomic Nervous System,</li> <li>• Formation and circulation of cerebrospinal fluid</li> <li>• Blood supply of Brain and Spinal cord.</li> </ul>	III	14	14	4
14	<b>Endocrinology</b> <ul style="list-style-type: none"> <li>• Description of endocrine glands (Pituitary, Thyroid, Parathyroid, Thymus, Pineal and Suprarenal glands) with clinical aspects.</li> <li>• Histology of all glands.</li> </ul>	III	8	8	3
15	<b>Lymphatic system</b> <ul style="list-style-type: none"> <li>• Introduction Structure included in lymphatic system: Lymph vessels, Lymph nodes, Lymph glands with their clinical importance.</li> </ul>	III	4	2	2

	<ul style="list-style-type: none"> <li>Detail description of Marma with its applied importance.</li> </ul>				
10	<b>Respiratory System</b> <ul style="list-style-type: none"> <li>Bronchial tree and Lungs with their clinical aspects.</li> <li>Respiratory tract: Nasal cavity, Pharynx, Larynx, Trachea</li> <li>Pleura with its clinical aspects</li> <li>Diaphragm and its opening</li> <li>Histology of all organs</li> </ul>	II	10	6	4
11	<b>Digestive system</b> <ul style="list-style-type: none"> <li>Regions of abdomen</li> <li>Organs of digestive tract (alimentary tract) with their clinical aspects.</li> <li>Digestive glands: Liver, Spleen and Pancreas.</li> <li>Description of peritoneum with its clinical aspects</li> <li>Histology of all organs</li> </ul>	I	12	10	6
12	<b>Cardiovascular system</b> <ul style="list-style-type: none"> <li>Description of Heart</li> <li>Structure of artery &amp; vein</li> <li>Importance blood vessels with their course and branches.</li> <li>Pericardium with applied aspect</li> <li>Histology of Heart</li> </ul>	II	8	8	3
13	<b>Urinary System</b> <ul style="list-style-type: none"> <li>Urinary tract: Kidney, Ureter, Urinary Bladder and Urethra with their clinical aspects</li> <li>Histology of all organs</li> </ul>	II	10	8	3
14	<b>Reproductive system</b> <ul style="list-style-type: none"> <li>Male Reproductive system: Reproductive organs, Scrotum and glands (Testis, Prostate and Seminal vesicles) with their clinical aspects.</li> <li>Female reproductive system: Introduction of external genital organ in brief and internal reproductive organs in detail, tract and glands with clinical importance.</li> <li>Histology of all organs</li> </ul>	III	6	7	3
15	<b>Sensory organs</b> Description of structures of Eye, Ear, Nose, Tongue and Skin with their clinical aspects.	III	10	14	5