

# **B.R.HARNE AYURVEDIC MEDICAL COLLEGE**

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

---

## **COURSE CURRICULUM**

### **MONTHLY TOPIC PLAN**

**( THIRD PROFESSIONAL BAMS )  
Batch 2021-22**

#### **Shalya Tantra**

**(General Surgery)**

**(SUBJECT CODE : AYUG-ST)**

**1. Dr. Swati R. Yedke**

**( HOD & Professor )**

**2. Dr. Supriya Desai**

**(Associate Professor ( Reader )**

**3. Dr. Prachi Vijay Yadav**

**(Assistant Professor ( Lecturer )**

**4. Dr.Rutuja Chavan**

**(Assistant Professor ( Lecturer )**

**5. Dr. Shweta Mhatre**

**(Associate Professor ( Lecturer )**

**6. Dr. Nilima Valvi**

**(Associate Professor ( Reader )**

**7. Dr. Madhulika Sharma**

**( Professor )**

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503

## MONTHLY TOPIC PLAN FOR 3<sup>RD</sup> PROFESSIONAL BAMS Batch 2021-22

Paper 1 (Fundamentals of Shalya Tantra)										
TERM 1 <sup>ST</sup> TOPICS										
A. PERIODICAL ASSESSMENT 1 <sup>ST</sup> :-										
SR. NO	TOPIC	TERM	LH	NL HT	NL HP	MONTH	FACULTY			
1.	Introduction to Shalya Tantra (Introduction to development of surgery)	1	1	1	4	April	Dr.Swati & Dr.Supriya			
	1. Definition of Shalya, Shalya Tantra and its Importance.		1	--	--					
	2. Chronological development of surgery from ancient to present era.		--	1	--					
	3. General scheme of surgical case taking.		--	--	2					
	4. Special signs and symptoms pertaining to surgery.		--	--	2					
2.	Yantra and Shastra (Blunt and sharp instruments)	1	2	0	2	April	Dr.Rutuja			
	1. Yantra - Nirukti, Prakara, Guna, Prayog, Dosha, Karma, Upayantra and Relevant modern instruments.		1	--	--					
	2. Shastra - Nirukti, Prakara, Guna, Prayog, Dosha, Karma, Anushastra and Relevant modern instruments.		1	--	--					
	3. Demonstration (Comparison and classification with modern instruments)		--	--	2					
3.	Nirjantukarana (Sterilization)	1	1	1	4	April	Dr.Swati			
	1. Sterilization – Methods and Types.		1	--	--					
	2. Knowledge about Vranitagara.		--	1	--					
	3. Aseptic techniques, Sterilization and Disinfection of Surgical instruments, OT sterilization.		--	--	2					
	4. Hands on training - Hand washing techniques, Donning of Gloves and Gown.		--	--	2					
PERIODICAL ASSESSMENT TEST 1 <sup>ST</sup>										
B. PERIODICAL ASSESSMENT 2 <sup>ND</sup> :-										
4.	Sangyaharana (Anaesthesia)	1	2	2	4	April	Dr. Supriya			
	1. Sthaniya Sangyaharana (Local anaesthesia) – Medicines, Techniques, Indications, Contraindications, Complications and Management.		1	--	--					
	2. Kshetriya and Samanya Sangyaharana (Regional and General anaesthesia) – Medicines, Techniques, Indications, Contraindications, Complications and Management.		1	--	--					
	3. Principles of preoperative assessment.		--	1	--					
	4. Demonstration/Hands on Training - CPR.		--	1	--					
	5. Demonstration/Hands on Training - maintenance of an airway / endotracheal intubation in a mannequin.		--	--	2					
	6. Principles of safe General Surgery and Surgical Ethics		--	--	2					
5.	Trividha Karma (Pre, Operative and Post Operative care)	1	1	1	2	May	Dr. Shweta			
	1. Trividha Karma – Purva Karma (in relation to instruments, patient and procedure), Pradhana Karma – Ashtavidha Shastra Karma (Surgical/Parasurgical procedures), Paschat Karma – Post operative care of patient.		1	--	--					

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	2. Steps to obtain informed consent for a procedure in a patient/simulated environment. 3. Observe common surgical procedures and assist in minor surgical procedures; Observe emergency lifesaving surgical procedures.		--	1	--					
			--	--	2					
6.	<b>Shastra Karma (Operative procedure)</b>	1	3	0	10	April & May	Dr. Rutuja			
	1. Ashtavidha Shastra Karma - Nirukti, Yогya, Ayогya, Prakara with modern correlations of Chhedan, Bhedan and Lekhan.		1	--	--					
	2. Ashtavidha Shastra Karma – Nirukti, Yогya, Ayогya, Prakara with modern correlations of Eshana, Aaharan and Visravan.		1	--	--					
	3. Ashtavidha Shastra Karma – Nirukti, Yогya, Ayогya, Prakara with modern correlations of Vedhan and Seevan.		1	--	--					
	4. Hands on training on Prathamopachara.(First Aid)		--	--	2					
	5. Demonstration of Chhedan (Excision), Bhedan (Incision), Lekhan (Scraping) on patient/simulator.		--	--	2					
	6. Demonstration of Vedhan and Visravan(Paracentesis of Ascitic fluid, Hydrocele-Tapping, Pleural effusion-Thoracocentesis) on the patient/simulator.		--	--	2					
	7. Demonstration of Aaharan and Eshan(Extraction and Probing) on the patient/simulator.		--	--	2					
	8. Demonstration of Seevan (Suturing and Knots) and minor surgical procedures on the patient/simulator.		--	--	2					
7.	<b>Yогya (Experimental Surgical Training)</b>	1	1	0	8	May	Dr. Shweta			
	1. Importance of Simulation-based teaching in surgical practice (Yогya Vidhi).		1	--	--					
	2. Perform Basic Surgical Skills - Hands on training on Simulators with relevant modern techniques.		--	--	2					
	3. IV cannulation, IM/IV/Subcutaneous/Intradermal Injection.		--	--	2					
	4. Ryle's tube and Drains insertion.		--	--	2					
	5. Urinary catheterization.		--	--	2					
<b>Periodical assessment test 2<sup>nd</sup></b>										
<b>C. Periodical assessment 3<sup>rd</sup> :-</b>										
8.	<b>Marma (Vital points)</b>	1	2	0	2	May	Dr. Swati			
	1. Marma – Nirukti, Prakara and Individual Marma Viddha Lakshan.		1	--	--					
	2. Marmaghata Chikitsa and its surgical importance.		1	--	--					
	3. Marma identification and manipulation techniques in musculoskeletal disorders (Avabahuka-Frozen shoulder, Snayugata Vata-Tennis Elbow, Gridhras-Sciatica, Cervical Spondylosis, etc.) and Sports Injuries		--	--	2					
9.	<b>Kshara Karma</b>	1	2	2	4	May & June	Dr. Swati			
	1. Kshara and Kshara Karma – Nirukti, Pradhanata, Guna, Dosha, Karma, Prakara, Yогya, Ayогya, Vidhi, Upadrava and Chikitsa.		1	--	--					
	2. Clinical application of Kshara Sutra, Pratisaraneeya Kshara, Kshara Taila, Kshara Varti and Ksharodaka in different surgical conditions.		1	--	--					
	3. Video demonstration of Kshara, Kshara Sutra – Preparation and Method of application.		--	1	--					

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	4. Demonstration of handling of patient with Kshara Sutra changing. 5. Demonstration and hands on training of Ksharodaka, Kshara Taila, Kshara Varti,Kshara Pichu in Dushtavrana. 6. Demonstration and hands on training of Kshara Karma in Anorectal disorders.(Arsha, Bhagandara, Nadivrana etc.)		--	1	--		
			--	--	2		
			--	--	2		
10.	<b>Agnikarma</b>  1. Agnikarma - Mahatva, Upakarana, Vidhi, Akrutibheda, Yогya, Ayогya and Upadrava Chikitsa. 2. Dhumopahat & Ushna Vatatap Dagdha Lakshan and Chikitsa. Contemporary techniques and tools of Agnikarma. 3. Hands on experience of Agnikarma in the Pain management of any one disease(Gridhrasi, Avabahuka etc.). 4. Hands on experience of Agnikarma as disease modifying management of any one surgical disease (Arsha, Charmakeel etc.)	1	2	0	4	June	Dr. Rutuja
			1	--	--		
			1	--	--		
			--	--	2		
			--	--	2		
11.	<b>Raktamokshana</b>  1. Raktamokshana - Mahatva, Prakara.Siravedha - Yогya, Ayогya, Vidhi,Upadrava and Chikitsa. 2. Pracchanna, Shringa, Alabu - Yогya,Ayогya, Vidhi, Upadrava and Chikitsa. 3. Jaloukavacharana – Yогya, Ayогya, Vidhi,Upadrava and Chikitsa. 4. Hands on experience of Siravedha as disease modifying management of any one surgical disease (Grudhrasi, Uttan Vatarakta etc.). 5. Hands on experience of Alabu as disease modifying management of any one surgical disease (Katigraha, Manya Graha etc.). 6. Hands on experience of Jaloukavacharana (Leech Therapy) as disease modifying management of any one surgical disease(Vidradhi, Dushtavrana, Koth etc.)	1	3	0	6	June	Dr. Supriya
			1	--	--		
			1	--	--		
			1	--	--		
			--	--	2		
			--	--	2		
			--	--	2		
12.	<b>Bandha Vidhi</b>  1. Bandha Vidhi – Prayojana, Dravya (Pichu,Plota, Kavalika and Vikeshika), Yогya,Ayогya, Prakara and Upadrava. 2. Hands on training on Simulator with relevant modern techniques of Bandaging. 3. Brief knowledge of Splints (Ayurveda and Modern). 4. Transportation of injured patient (Double Human Crutch, Fireman's Lift, Twohanded seat etc.) and recovery position	1	1	1	4	May & June	Dr. Rutuja
			1	--	--		
			--	1	--		
			--	--	2		
			--	--	2		
<b>Periodical assessment test 3<sup>rd</sup></b>							
13.	<b>Pranashta Shalya</b>  1. Pranashta Shalya and Nirharana Upaya(Identification and Principles of management). 2. Heimlich Maneuver- Hands on training(Choking).	1	1	0	2	June	Dr. Shweta
			1	--	--		
			--	--	2		
14.	<b>Fluid, Electrolyte, Acid Base Balance and Nutrition in surgical practice</b>  1. Introduction to Physiology of Fluids and	1	3	1	4	June & July	Dr. Supriya
			1	--	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	Electrolytes.							
	2. Dehydration and Over hydration.		1	--	--			
	3. Specific electrolyte loss, Acidosis,Alkalosis, Symptomatology and Management.		1	--	--			
	4. Parenteral Nutrition.		--	1	--			
	5. Calculations and Selections of fluids in various conditions like Dehydration, Shock,Burns etc.		--	--	2			
	6. Acid Base Balance in various conditions like perforation, vomiting etc.		--	--	2			
15.	<b>Rakta</b>		1	2	2	0	June & July	Dr. Swati
	1. Rakta Mahatva and Rakta – Chaturtha Dosha.		1	--	--			
	2. Raktasrava - Prakara and Lakshana. Haemorrhage and its management.		1	--	--			
	3. Raktastambhana - Haemostasis.		--	1	--			
	4. Raktadhan (Blood Transfusion) – Blood groups, Compatibility, Indications,Contraindications and Complications with Management. Component Therapy.		--	1	--			
	<b>D. Periodical assessment 4<sup>th</sup> :-</b>							
16.	<b>Life Saving and Emergency Medicines in surgical practice (Prana Rakshaka and Atyayika Dravya)</b>		1	3	0	0	July	Dr. Shweta
	1. Jeevanurodhak Dravya (Antibiotics)- Classification, Indications,Contraindications and Dose.		1	--	--			
	2. Vedanaprashtamana and Shothaprashtamana Dravya (Analgesics and Anti-inflammatory Drugs) - Classification, Indications,Contraindications and Dose.		1	--	--			
	3. Atyayik Dravya (Emergency Drugs) -Atropine, Adrenaline, Dopamine,Mephentidine Hydrochloride, Hydrocortisone, Dexamethasone, Antiemetic drugs - Indications,Contraindications and Dose in surgical Practice		1	--	--			
	<b>Naidanik Vidhi (Diagnostic techniques)</b>			2	0	6	July	Dr. Shweta
	1. Chhaya Vikiran (X-Ray), Avayava Pariksha (Ultrasonography, CAT Scan, MRI) –Principles, Method, Indications andContraindications.			1	--	--		
17.	2. Kosha Pariksha (Biopsy/Cytological study) - Principles, Method, Indications andContraindications.			1	--	--		
	3. Chhaya Vikiran (X-rays) of Chest,Abdomen, Urology and Musculoskeletal diseases. (Interpretation)			--	--	2		
	4. Demonstration of CT, MRI of Chest,Abdomen, Urology, Bones and Joints.			--	--	2		
	5. Different types of Biopsy. (Hands-ontraining)			--	--	2		
	<b>Term 2<sup>nd</sup> topics</b>							
	<b>Shat Kriyakala in surgical practice</b>		2	1	0	2	July	Dr. Supriya
18.	1. Shat Kriyakala in surgical practice.			1	--	--		
	2. Shat Kriyakala of Arsha, Bhagandara with a special focus on infective pathology, e.g.,Unduka Pucha Shotha (Appendicitis),Pittashaya Shotha (Cholecystitis) etc.			--	--	2		
	<b>Samanya Vyadhi Parichaya</b>		2	6	3	6	July & August	Dr. Swati & Dr. Nilima
19.	1. Vranashotha (Inflammation) - Nirukti,Nidana, Samprapti, Prakara, Lakshana,Sadhyha-Asadhyata, Upadrava and Chikitsa.			--	1	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	2. Vidradhi (Abscess) and Pidika (Boils) -Nidana, Samprapti, Prakara, Lakshana,Sadhyaa-Asadhyata, Upadrava and Chikitsa.		1	--	--		
	3. Pramada Dagdha/Dagdha Vrana (Burn) - Etiopathogenesis, Classification,Assessment of Burn, Complications and Management of Burn.		1	--	--		
	4. Marmaghata (Shock) - Definition,Classification, Etiopathogenesis,Clinical features, Diagnosis and Management of Hypovolaemic, Traumatic and Neurogenic Shock.		1	--	--		
	5. Cardiogenic & Septic Shock and Crush syndrome - Etiopathogenesis,Clinical features, Diagnosis and Management.		1	--	--		
	6. Kotha (Gangrene) – Etiopathogenesis,Types,Clinical features, Investigations,Differential Diagnosis, Complications and Management.		--	1	--		
	7. Granthi (Dermoid Cyst and Sebaceous Cyst) - Nidana, Prakara, Samprapti,Lakshana and Chikitsa.		1	--	--		
	8. Arbuda - Nidana, Prakara, Samprapti,Lakshana and Chikitsa.		1	--	--		
	9. Tumour - Definition, Classification,Clinical features, Complications and Management.		--	1	--		
	10. Examination of Granthi (lump or swelling).		--	--	2		
	11. Emergency management in different types of Shock (Case presentation/PBL/Roleplay).		--	--	2		
	12. Assessment and documentation of PramadaDagdha (Burn case).		--	--	2		
20.	<b>Vrana</b>		2	7	2	<b>6</b>	<b>July &amp; August &amp; September</b>
	1. Vrana – Nirukti, Prakara, Nidana,Samprapti, Vrana Vastu, Prakara,Lakshana, Vrana Pariksha and Vrana Sadhya-Asadhyata.		1	--	--		
	2. Vrana Avastha - Dustavrana, Shuddha Vrana, Ruhayama Vrana, Samyak RoodhaVrana, Pathya-Apathya and VranaUpadrava.		1	--	--		
	3. Vrana Chikitsa –Shashti Upakrama – first 21 Upakramas.		1	--	--		
	4. Shashti Upakrama –22 to 40 Upakramas.		1	--	--		
	5. Shashti Upakrama – 41 to 60 Upakramas except Ashtavidha Shastra Karma.		1	--	--		
	6. Ulcer – Definition, Types, Wound healing stages and Management.		1	--	--		
	7. Prameha Pidaka - Diabetic carbuncle and wounds.		1	--	--		
	8. Sadhyo Vrana (Traumatic wounds) –Nidana,Prakara, Lakshana, Upadrava and Chikitsa.		--	1	--		
	9. Examination of an Ulcer.		--	--	2		
	10. Examination of the Peripheral nerve lesions.		--	--	2		
	11. Surgical site infection.		--	1	1		
	12. Demonstration of wound dressings.		--	--	1		

## PERIODICAL ASSESSMENT TEST 4<sup>TH</sup>

<b>E. PERIODICAL ASSESSMENT 5<sup>TH</sup> :-</b>							
21.	<b>Kshudra Roga</b>	2	2	0	2	September	<b>Dr. Shweta</b>
	1. Kshudra Roga - Clinical features.		1	--	--		
	2. Kshudra Roga - Management.		1	--	--		
	3. Examination of the Hand.		--	--	2		
22.	<b>Manya Vikara</b>	2	3	3	6	August	<b>Dr. Shweta</b>

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	1. Galaganda, Gandamala, Apachi - Nidana, Samprapti, Lakshana and Chikitsa.		1	--	--	& September & October	
	2. Pashanagardabha (Parotitis) –Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis, Complications and Management.		1	--	--		
	3. Thyroid gland - Surgical anatomy and Physiology.		--	1	--		
	4. Galaganda (Goitre)- Etiopathogenesis,Clinical features, Investigations,Differential Diagnosis, Complications andManagement.		1	--	--		
	5. Toxic Goitre, Thyroiditis - Clinical features and Management.		--	1	--		
	6. Neoplasms of Thyroid - Clinical features and Management.		--	1	--		
	7. Examination of Thyroid gland.		--	--	2		
	8. Examination of the Gala (Neck).		--	--	2		
	9. Examination of a Lymphatic system.		--	--	2		
23.	<b>Sira Vikara (Venous Disorders)</b>	2	3	1	4	September & November	Dr.Swati
	1. Surgical Anatomy and Pathology.		--	1	--		
	2. Superficial and Deep Venous Thrombosis - Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis,Complications and Management.		1	--	--		
	3. Sira Granthi (Varicose veins) -Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis, Complications and Management.		1	--	--		
	4. Clinical examination of Sira Granthi (Varicose veins).		--	--	2		
	5. Clinical examination of Siraja Vrana (Venous Ulcers).		1	--	--		
	6. <b>Examination</b> and differential diagnosis of unilateral and bilateral Lower Limb Oedema.		--	--	2		
24.	<b>Dhamani Vikara (Arterial disorders)</b>	2	3	0	2	November	Dr.Nilima
	1. Dhamani Granthi (Aneurysm)- Etiopathogenesis, Clinical features,Investigations, Differential Diagnosis, Complications and Management.		1	--	--		
	2. Buerger's Disease - Etiopathogenesis,Clinical features, Investigations,Differential Diagnosis, Complications and Management.		1	--	--		
	3. Raynaud's Disease - Etiopathogenesis, Clinical features, Investigations,Differential Diagnosis, Complications andManagement.		1	--	--		
	4. Examination of the Dhamani Vikara(Arterial disorders).		--	--	2		
25.	<b>Snayu Vikara (Diseases of tendons and ligaments)</b>	2	2	0	4	November	Dr.Rutuja
	1. Snayu Shotha (Tendonitis), Pratan Shotha (Tenosynovitis), Pratan Granthi (Ganglion), Dupuytren's Contracture- Etiopathogenesis, Clinical features,Investigations and Management.		1	--	--		
	2. Amputation –Definition, Classification,Indications, Contraindications and Complications.		1	--	--		
	3. Techniques of Amputation With examples of individual amputation – Video Demonstration/Hands-on training on simulator.		--	--	2		
	4. Examination of Diseases of Snayu Vikara (Diseases of tendons and ligaments).		--	--	2		
26.	<b>AIDS - HIV and Hepatitis (B and C)</b>	2	1	0	2	November	D. Nilima
	1. Etiopathogenesis, Diagnosis and Management.		1	--	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503

	2. Demonstration of safety precautions and care needs to be taken in the infected patients.		--	--	2		
--	---	--	----	----	---	--	--

## PERIODICAL ASSESSMENT TEST 5<sup>TH</sup>

Paper 2 ( Shalya Tantra Chikitsa Siddhanta )

### F. PERIODICAL ASSESSMENT 6<sup>TH</sup> :-

27.	<b>Bhagna (Skeletal Injuries)</b>	2	3	5	8	September & October & November & December	Dr. Shweta
			1	--	--		
			--	1	--		
			2	--	--		
			--	1	--		
			--	1	--		
			--	1	--		
			--	1	--		
			--	2			
			--	2			
			--	2			
			--	2			
28.	<b>Asthi Sandhi Vikara (Diseases of Bone and Joints)</b>	2	2	2	6	November & December	Dr.Swati & Dr.Madhulika
			1	--	--		
			--	1	--		
			1	--	--		
			--	1	--		
			--	--	3		
			--	--	3		
29.	<b>Shirobhighata (Cranio-cerebral Injuries/ Disorders)</b>	2	2	1	2	December	Dr.Madhulika
			1	--	--		
			1	--	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	3. Mastishka Arbuda (Benign and Malignant tumours of Brain) – Clinical features, Diagnosis and Management. 4. Examination of Shirobhighata (Craniocerebral Injuries/Disorders).		--	1	--		
			--	--	2		
30.	<b>Kasheruka Vikara (Diseases of Spine)</b> 1. Kasheruka Kshaya (Spinal Tuberculosis) - Etiopathogenesis, Classification, Investigations, Complications and Primary Management. 2. Ankylosing Spondylitis - Etiopathogenesis, Classification, Investigations, Complications and Primary Management. 3. Examination of Kasheruka Abhigata (Spinal Injuries) and Abnormalities. 4. Clinical examination of non-traumatic spinal disorders. 5. Three stage stabilization with Logroll hands on training	2	1	1	4	December	Dr. Nilima
			1	--	--		
			--	1	--		
			--	--	2		
			--	--	2		
31.	<b>Stana Roga (Diseases of Breast)</b> 1. Stana Vidradhi (Breast abscess) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. 2. Stana Granthi (Fibroadenoma) and Fibroadenosis - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. 3. Stana Arbuda (Benign and Malignant tumours of Breast) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. 4. Examination of the Breast – Patient education for ‘Self Examination of Breast’.	2	1	2	2	December & January	Dr. Madhulika
			--	1	--		
			--	1	--		
			1	--	--		
			--	--	2		
32.	<b>Urah Vikara (Diseases of Chest)</b> 1. Urah Abhigata - Chest Injury(Parshukasti Bhagna - Fracture of Ribs, Pneumothorax, Haemothorax, Stove in Chest, Flail Chest and Surgical Emphysema) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. 2. Phupusavarana Shotha (Pleurisy), Phupusavarana Vidradhi (Pleural Abscess), Pleural Effusion, Phupusa Granthi (Cysts of Lung), Phupusa Arbuda (Benign and Malignant tumours of Lung) - Etiopathogenesis, Classification, Clinical features, Diagnosis and Management. 3. Examination of Urah Abhigata (Injuries of the Chest). 4. Examination of Urah Vikara (Diseases of the Chest).	2	1	1	4	December & January	Dr. Nilima
			1	--	--		
			--	1	--		
			--	--	2		
			--	--	2		
<b>PERIODICAL ASSESSMENT TEST 6<sup>TH</sup></b>							
33.	<b>Anna Nalika Vikara (Diseases of Oesophagus)</b> 1. Sahaja Vikara (Congenital Anomalies), Anna Nalika Shotha (Oesophagitis) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. 2. Anna Nalika Raktasrava (Oesophageal Varices) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management. 3. Anna Nalika Arbuda (Benign and Malignant tumours of Oesophagus) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.	2	2	1	2	December & January	Dr. Shweta
			1	--	--		
			--	1	--		
			1	--	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	4. Examination of Dysphagia.		--	--	2		
34.	<b>Gulma Roga</b>	2	1	0	0	January	Dr.Swati
	1. Gulma Roga - Nidana, Prakara, Lakshana,Upadrava and Chikitsa.		1	--	--		
35.	<b>Shoola Vyadhi</b>	2	1	0	2	January	Dr.Prachi
	1. Shoola - Nidana, Prakara, Lakshana,Upadrava and Chikitsa.		1	--	--		
	2. Examination of Acute Abdomen		--	--	2		
<b>G. PERIODICAL ASSESSMENT 7<sup>TH</sup> :-</b>							
36.	<b>Udara Roga</b>	2	1	2	0	January & February	Dr.Shweta
	1. Udara Roga (Yakritodar, Pleehodar,Chhidrodar, Baddhagudodar) - Nidana,Prakara, Samprapti, Lakshana and Chikitsa.		1	--	--		
	2. Jalodara (Ascites) - Etiopathogenesis,Clinical features, Diagnosis, Complications and Management.		--	1	--		
	3. Peritonitis - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		--	1	--		
37.	<b>Aamashaya E�m Adho-Aamashaya Vikara (Diseases of Stomach and Duodenum)</b>	2	2	1	2	January & February	Dr.NIlma
	1. Annadrava Shoola and Parinama Shoola(Peptic Ulcer) - Etiopathogenesis,Classification, Clinical features, Diagnosis,Complications and Management..		1	--	--		
	2. Pyloric stenosis – Clinical Diagnosis and Management.		1	--	--		
	3. Aamashaya Arbuda (Benign and Malignant tumours of Stomach) - Clinical Diagnosis and Management.		--	1	--		
	4. Examination of Abdominal Lump.		--	--	2		
38.	<b>Kshudrantra Vikara (Diseases of Small Intestine)</b>	2	4	2	1	January & February	Dr.Madhulika
	1. Kshudrantra Kshaya Janya Vikara(Tuberculosis of Intestine) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	2. Blind Loop Syndrome, Short Bowel Syndrome and Typhoid Enteritis -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	3. Kshudrantra Arbuda (Benign and Malignant tumours of Intestine) – Clinical features, Diagnosis and Management.		1	--	--		
	4. Baddhagudodar (Intestinal Obstruction) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		--	1	--		
	5. Antrantara Pravesha (Intussusception) Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		1	--	--		
	6. Chidrodara (Perforation) -Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		1	--	--		
	7. Per Abdominal Examination		--	--	1		
39.	<b>Brihadantra Vikara (Diseases of Large Intestine)</b>	2	2	1	1	January & March	Dr.Prachi
	1. Grahani (Crohn's Disease and Ulcerative Colitis) - Etiopathogenesis, Clinical Features, Diagnosis, Complications and Management.		1	--	--		
	2. Unduka Puchha Shotha (Appendicitis) - Etiopathogenesis, Clinical features,Diagnosis, Complications and Management		1	--	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	3. Brihadantra Arbuda (Benign and Malignant tumours of Colon) - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management. 4. Examination of Chronic Abdomen		--	1	--		
			--	--	1		
TERM 3 <sup>RD</sup> TOPICS							
40.	<b>Guda Vikara (Diseases of Rectum and Anal Canal)</b>	3	5	4	4	January & February & March & April	Dr.Shweta
	1. Surgical Anatomy and Physiology.		--	1	--		
	2. Gudabhramsha (Prolapse of the rectum) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	3. Guda Vidradhi (Anorectal Abscesses) - Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management		--	1	--		
	4. Bhagandara (Fistula-in-ano) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	5. Arsha - Nidana, Prakara, Samprapti,Lakshana and Chikitsa.		1	--	--		
	6. Haemorrhoids - Etiopathogenesis,Classification, Clinical features, Diagnosis,Complications and Management.		1	--	--		
	7. Parikartika (Fissure-in-ano) -Etiopathogenesis, Classification, Clinicalfeatures, Diagnosis, Complications andManagement.		--	1	--		
	8. Guda Arbuda (Benign and Malignant tumours of Rectum and Anal Canal) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--		
	9. Shalyaja Nadi Vrana (Pilonidal Sinus), Guda Paka (Proctitis), Guda Kandu (Pruritis Ani) and Guda Abhigata (Injuries of Anorectal Region) –Clinical features and Management.		--	1	--		
	10. Examination of a Nadivrana (Sinus) and Bhagandara (Fistula).		--	--	2		
	11. Examination of Anorectal Cases.		--	--	2		
41.	<b>Udarabhigata (Abdominal Injuries)</b>	3	1	0	2	February	Dr. Prachi
	1. Udarabhigata (Abdominal Injuries) –Clinical features and Management.		1	--	--		
	2. Examination of Udarabhigata (Abdominal Injuries).		--	--	2		
42.	<b>Yakrit Vikara (Diseases of Liver)</b>	3	3	1	10	February & April	Dr.Nilima
	1. Yakrit Abhigata (Liver Injury) - Etiology,Clinical features, Diagnosis and Emergency management.		1	--	--		
	2. Yakrit Vidradhi (Liver Abscess) and Yakrit Granthi (Cysts of Liver) - Etiology, Clinical features, Diagnosis and Management.		1	--	--		
	3. Yakrit Arbuda (Benign and Malignant tumours of Liver) - Etiology, Clinical features, Diagnosis, Classification and Management.		1	--	--		
	4. Demonstration of Surgical anatomy of the Liver, Acute Liver Injury on the patient/simulator.		--	--	2		
	5. Videographic demonstration of diagnosis and evaluation of Surgical Jaundice on the patient/simulator.		--	--	2		
	6. Group Discussion on the case of Yakrit Abhigata (Acute Liver Injury).		--	1	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	7. Practical / Videographic demonstration of Yakritodara (Hepatomegaly) and Yakrit Vidradhi (Liver Abscess) on the patient/simulator.		--	--	2		
	8. Videographic demonstration of Case of Portal Hypertension on the patient/simulator.		--	--	2		
	9. Videographic demonstration of Surgical Management of Portal Hypertension		--	--	2		

## PERIODICAL ASSESSMENT TEST 7<sup>TH</sup>

H. PERIODICAL ASSESSMENT 8 <sup>TH</sup> :-							
43.	<b>Pittashaya Vikara (Diseases of Gall Bladder)</b>	3	2	1	8	February & March & April	Dr.Prachi
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--		
	2. Choledochal Cyst and Congenital Biliary Atresia, Pittashaya Ashmari (Cholelithiasis)- Etiology, Clinical features, Diagnosis,Complications and Management.		1	--	--		
	3. Pittashaya Shotha (Cholecystitis) and Choledocholithiasis - Etiopathogenesis,Clinical features, Diagnosis, Complications and Management.		1	--	--		
	4. Videographic demonstration of Biliary atresia and its complications on patient/simulation.		--	--	2		
	5. Videographic demonstration of MRCP and ERCP on the patient/simulator.		--	--	2		
	6. Demonstration of Pittashaya Shotha(Cholecystitis) on the patient/simulator.		--	--	2		
44.	<b>Agnyashaya Vikara (Diseases of Pancreas)</b>	3	3	1	6	March & April	Dr.Shweta
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--		
	2. Agnyashaya Shotha (Pancreatitis) -Etiopathogenesis, Classification, Clinical features, Investigations, Diagnosis,Complications and Management.		1	--	--		
	3. Agnyashaya Granthi (Cysts and Pseudocyst of Pancreas) - Etiopathogenesis, Clinical features, Diagnosis and Management.		1	--	--		
	4. Agnyashaya Arbuda (Benign and Malignant tumours of Pancreas),Insulinoma and Zollinger Ellisson Syndrome - Clinical features, Diagnosis and Management.		1	--	--		
	5. Class discussion/Case presentation/Video demonstration/Roleplay of Agnyashaya Abhigata (Pancreatic Injury) and Agnyashaya Shotha (Pancreatitis) on the patient/simulator.		--	--	2		
	6. Presentation/Video demonstration/Roleplay of demonstration of Pseudo Pancreatic cyst on the patient/simulator.		--	--	2		
45.	<b>Pleeha Vikara (Diseases of Spleen)</b>	3	3	0	2	March & April	Dr.Nilima
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		1	--	--		
	2. Pleeha Abhigata (Rupture of Spleen) - Etiopathogenesis, Classification, Clinical features, Investigations and Management.		1	--	--		

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	3. Hypersplenism and Pleeha Vridhi(Splenomegaly) - Etiopathogenesis,Classification, Clinical features and Management. 4. Class discussion/Case presentation/Video demonstration/Roleplay for Demonstration of Pleeha Vridhi (Splenomegaly) on the patient/simulator.		1	--	--			
			--	--	2			
46.	<b>Vrikka Evam Mutravahini Vikara (Diseases of Kidney and Ureters)</b>		3	5	4	2	<b>April &amp; May</b>	<b>Dr.Madhulika</b>
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--			
	2. Vrikka Granthi (Polycystic Kidney), Horse shoe Kidney - Etiopathogenesis, Clinical features, Diagnosis and Management.		--	1	--			
	3. Vrikka Evam Mutravahini Vikara Abhigata (Injuries to Kidneys and Ureters)– Clinical features and Management.		--	1	--			
	4. Hydronephrosis - Etiopathogenesis,Classification, Clinical features and Management.		1	--	--			
	5. Pyelonephritis - Etiopathogenesis, Classification, Clinical features and Management.		1	--	--			
	6. Vrikka Vidradhi (Perinephric Abscess and Renal Abscess) - Etiopathogenesis, Clinical features and Management.		1	--	--			
	7. Vrikka Ashmari (Renal Calculus) -Etiopathogenesis, Types, Clinical features,Investigations, Complications and Management.		1	--	--			
	8. Mutravahini Ashmari (Ureteric Calculus) - Etiopathogenesis, Classification, Clinical features, Investigations and Management.		--	1	--			
	9. Vrikka Arbuda (Benign and Malignant tumours of the Kidney) - Etiopathogenesis,Classification, Clinical features and Management.		1	--	--			
	10. Class discussion/Case presentation/ Video demonstration/Roleplay of case of Chronic Kidney Disease		--	--	2			
47.	<b>Mutrashaya Vikara (Diseases of Urinary bladder)</b>		3	3	2	4	<b>April &amp; June</b>	<b>Dr.Prachi</b>
	1. Surgical Anatomy and Physiology, Sahaja Vikara (Congenital Anomalies).		--	1	--			
	2. Mutrashaya Shotha (Cystitis) -Etiopathogenesis, Clinical features,Diagnosis and Management.		1	--	--			
	3. Mutrashmari (Vesical Calculus) -Etiopathogenesis, Clinical features,Diagnosis, Investigations and Management.		1	--	--			
	4. Mutrashaya Arbuda (Benign and Malignant tumours of Urinary Bladder) -Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		1	--	--			
	5. Video demonstration of the process of Cystoscopy, PCNL and ESWL on the patient/simulator.		--	--	2			
	6. Raktamutrata (Haematuria), Mutra Kshaya(Oliguria), Mutra Sankshaya (Anuria),Neurogenic Bladder - Case evaluation/Classpresentation/Roleplay/Group discussion.		--	1	--			
	7. Examination of Urinary case.		--	--	2			
48.	<b>Mutraghata and Mutrakrichra</b>		3	2	0	2	<b>April &amp; June</b>	<b>Dr.Shweta</b>
	1. Mutrakrichra (Dysuria) - Nidana, Samprapti,Prakara, Lakshana, Upadrava and Chikitsa.		1	--	--			
	2. Mutraghata (Retention of Urine) - Nidana, Samprapti,		1	--	--			

# B.R.HARNE AYURVEDIC MEDICAL COLLEGE

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**

	Prakara, Lakshana, Upadrava and Chikitsa.									
	3. Video demonstration of Suprapubic Catheterization		--	--	2					
<b>PERIODICAL ASSESSMENT TEST 8<sup>TH</sup></b>										
<b>I. PERIODICAL ASSESSMENT 9<sup>TH</sup> :-</b>										
49.	<b>Paurusha Granthi Vikara (Diseases of Prostate)</b>	3	3	1	4	May & June	Dr.NIlma			
	1. Surgical Anatomy and Physiology.		--	1	--					
	2. Paurusha Granthi Shotha (Prostatitis),Paurusha Granthi Vidradhi (Prostatic Abscess) - Etiopathogenesis, Classification,Clinical features, Diagnosis, Complications and Management.		1	--	--					
	3. Mutrashtheela/Vatashtheela (Benign Prostatic Hyperplasia) - Etiopathogenesis,Clinical features, Diagnosis, Complications and Management.		1	--	--					
	4. Paurusha Granthi Arbuda (Benign and Malignant tumours of Prostate) -Etiopathogenesis, Classification, Clinicalfeatures, Diagnosis, Complications and Management.		--	--	2					
	5. Demonstration of Prostatic Enlargement through Digital rectal examination on the patient/simulator.		1	--	--					
	6. Video demonstration of TURP on the patient/simulator		--	--	2					
50.	<b>Mutramarga Vikara (Diseases of Urethra)</b>	3	2	1	0	June	Dr.Madhulika			
	1. Mutramarga Sahaja Vikara (Congenital Anomalies of Urethra) – Etiopathogenesis, Diagnosis and Treatment.		--	1	--					
	2. Mutramarga Shotha (Urethritis) -Etiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.		1	--	--					
	3. Mutramarga Abhighata (Injuries to Urethra)and Mutramarga Sankocha (Urethral Stricture) - Clinical features and Management.		1	--	--					
51.	<b>Medhra Vikara (Diseases of Penis)</b>	3	3	2	2	June & July	Dr.Prachi			
	1. Sahaja Vikara - Congenital Anomalies(Hypospadias, Epispadias and Ectopia Vesicae) - Clinical features, Diagnosis,Complications and Management		1	--	--					
	2. Parivartika (Paraphimosis), Avapatika(Preputial Tear) - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		1	--	--					
	3. Niruddha Prakasha (Phimosis) -Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		1	--	--					
	4. Medhra Paka (Balanoposthitis) -Etiopathogenesis, Clinical features,Diagnosis, Complications and Management.		--	1	--					
	5. Medhra Arbuda (Benign and Malignant tumours of Penis), Peyronie's Disease and Granuloma Inguinale - Etiopathogenesis, Clinical features, Diagnosis, Complications and Management.		--	1	--					
	6. Examination of Male External Genitalia		--	--	2					
52.	<b>Mushka Evum Vrishan Vikara (Diseases of Scrotum and Testis)</b>	3	2	0	4	June	Dr.Shweta			

# **B.R.HARNE AYURVEDIC MEDICAL COLLEGE**

**At.Karav, Post Vangani, Taluka Ambernath,  
Dist.Thane, 421503**