

**DEPARTMENT OF SURGERY, ARMY COLLEGE OF MEDICAL SCIENCES, DELHI CANTT**  
**YEARLY UNDERGRADUATE TRAINING PROGRAMME**

IIIrd TERM	SYLLABUS	
IVth TERM		
Vth TERM		
<p>Introduction to Surgery            Ulcers /Sinus/Fistula            Wounds/Wound Healing            Sepsis and Antisepsis            Abdominal wall and inguinal canal-            Surgical Anatomy            Inguinal and Femoral Hernia            Umbilical/Paraumbilical Hernia            Uncommon / Incisional Hernia            Lipoma /Cyst/Neurofibroma            Scrotal swelling differential            diagnosis,            Hydrocele/Hematocele/Pyocele            Symptoms/Signs/Investigation of            Vascular diseases            Gangrene and Amputations            Diabetes in Surgery/Diabetic foot            HIV/AIDS and Surgery            Neoplasia General Considerations            Minimally Invasive Surgeries</p>	<p>Pre hospital trauma care            Introduction to ATLS            Tetanus &amp; Gas gangrene            Acute and chronic infections            Fluid and electrolyte balance            Acid/Base Balance            Hemostasis and Blood            Transfusion            Benign condition of oral cavity-            retention cyst, ranula, ulcers,            lingual thyroid            Congenital neck conditions -            cystic hygroma and branchial            cyst            Leukoplakia and other pre            malignant conditions            Salivary glands; Acute/chronic            sialadenitis, Neoplasia -            diagnosis and treatment            Tumors and cysts of jaw            Pre and post operative care</p>	<p>Pre Hospital Trauma Care            Missile injuries and Management            Blast injuries and Management            Atherosclerosis and Management            Peripheral arterial occlusive diseases            Acute limb ischemia            Crush injuries / Compartment syndrome            Vascular injuries and management            Varicose Veins            CVI and Venous Ulcers            Thoracic outlet syndrome            Pre and post operative care            OT procedures            Shock            Surgical nutrition            Principle, diagnosis, management of            lymphadenitis /lymphoedema            Acute and chronic lymphadenitis            D/D Lymph node mass: Lymphomas            Principles of radiotherapy</p>

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**IX TH TERM**

**SYLLABUS**

Liver Surgical Anatomy, Liver trauma and management  
Neoplasms of Liver including secondaries  
Liver abscess  
Hydatid disease  
Portal Hypertension  
Surgical Anatomy, Splenic Trauma  
Splenomegaly; causes, investigation, indications for splenectomy  
Anatomy, Physiology, Investigation of biliary tract  
Gall stone diseases  
Acute and chronic cholecystitis  
Carcinoma gall bladder  
Acute pancreatitis  
Chronic pancreatitis  
Pseudocyst of pancreas  
Obstructive jaundice  
Tumors of pancreas  
Acute peritonitis  
Intrabdominal abscess  
Anatomy and physiology of swallowing with types of dysphagia  
Benign condition of Oesophagus/Achalasia cardia  
Carcinoma oesophagus  
Peptic ulcer  
Carcinoma stomach  
Carcinoma stomach  
UGI bleed with special reference to duodenal ulcers, varices  
Disease of small gut (special reference to Koch's)  
Intestinal obstruction: etiology, clinical features  
Intestinal obstruction: investigation and management. Paralytic ileus  
Disease of large intestine, Inflammatory Bowel Disease  
Diverticular disease  
Premalignant condition of large gut

Carcinoma colon/rectum  
Rectal prolapsed  
Lower GI bleed  
Acute appendicitis  
RIF lump differential diagnosis and investigation  
Surgical anatomy of anal canal, fissure in ano, perianal and ischio rectal abscess  
Fistula in ano  
Hemorrhoids  
Carcinoma anal canal  
Symptoms, signs, investigations of genito urinary tract, including approach to Hematuria  
Anatomy and embryology of ureters, congenital anomalies  
Urolithiasis-diagnosis and management  
Hydronephrosis and hydroureter  
Pyonephrosis, perinephric abscess  
Renal tumors  
Genito-urinary tuberculosis  
Acute and chronic retention of urine  
Hypospadias  
Extrophy/Epispadias complex