(1) SYLLABUS :

Semester	Lectures	Tutorials	Demonstration	Clinics
3rd Sem	-	-	-	6 weeks
4th Sem	1 (16 hours)	-	-	4 weeks
5th Sem	-	-	-	-
6th Sem	2 (32 hours)	2 (32 hours)	16 hours	4 weeks
7th Sem	2 (32 hours)	-	-	4 weeks
8th Sem	3 (48 hours)	2 (32 hours)	16 hours	4 weeks
9th Sem	2 (32 hours)	2 (32 hours)	12 hours	4 weeks
	(160 hours)	**(96 hours)**	**(44 hours)**	**26 weeks**

(2) LECTURES, TUTORIAL (TOTAL NUMBER, TOPICS) IN EACHSEMESTER (LIST ENCLOSED)

Lecture -

4th Sem	General Surgery Part I
6th Sem	General Surgery Part II + Head, Face, Neck + Breast + Endocrine + Neurosurgery + Plastic Surgery
7th Sem	GIT Part I + Hepatobiliary + Cardiothoracic Surgery + Paediatric Surgery
8th Sem	GIT Part II + GUT + Tropical Surgery
9th Sem	Recent Advances + Revision Lectures

Tutorials

6th Sem	Operative Surgery + Instruments
8th Sem	Surgical Pathology + X-Ray
9th Sem	Revision

Clinical Posting

Semester	Clinics
3rd Sem	6 weeks
4th Sem	4 weeks
5th Sem	-
6th Sem	4 weeks
7th Sem	4 weeks
8th Sem	4 weeks
9th Sem	4 weeks
-	**26 weeks**

4TH SEMESTER – LECTURE PROGRAMME

Sr. No.	Topic
1	Introduction / History of Surgery / Acute Infections
2	Wound Healing
3	Haemostasis / Haemorrhage / Blood Transfusion
4	Chronic Infections
5	Shock
6	Burns
7	Fluid Electrolyte Balance / Disorders
8	Acid Base Balance / Disorders
9	Gas Gangrene
10	Neoplasia
11	Surgical Nutrition
12	Nosocomial Infections
13	Tetanus
14	Hand Infections
15	Sterilization
16	OT techniques / Preoperative and Postoperative Care

6TH SEMESTER – LECTURE PROGRAMME

Sr. No.	Topic
1	HIV & Surgeon
2	Benign Breast Diseases
3	Ca Breast (Two Lectures)
4	Diabetic Foot
5	Diseases of Veins (Two Lectures)
6	Neck Swellings (Two Lectures)
7	Diseases of Lymphatics
8	Disease of Arteries (Two Lectures)
9	Oral Malignancy
10	Thyroid – Anatomy/Physio/Investigations
11	Benign Disorders of Thyroid
12	Cleft Lip / Cleft Palate
13	Thyroid Malignancies
14	Peripheral Nerve Injuries
15	Hyperparathyroidism
16	Head Injury
17	Polytrauma (Two Lectures)
18	Skin Grafting
19	Jaw Tumours
20	Salivary Gland Tumours / Sialoadenitis
21	CNS Tumours
22	Adrenals Gland – Hyper / Hypofunction
23	Principles of Minimally Invasive Surgery
24	Principles of Radiotherapy
25	Maxillofacial Injuries
26	Congenital Disorders – Hydrocephalus, Spina Bifida

7TH SEMESTER – LECTURE PROGRAMME

Sr. No.	Topic
1	Oesophagus - Anatomy / Physiology / Investigations / Causes ofDysphagia
2	Liver –Anatomy / Physiology / Investigations
3	GERD
4	Liver Abscess
5	Oesophageal Motility Disorders
6	Liver Trauma
7	Carcinoma Oesophagus
8	Liver Tumours
9	Stomach – Anatomy / Physiology / CHPS
10	Hydatid cyst of Liver
11	Peptic Ulcer
12	Peptic ulcer – Complication & Management
13	Extra Hepatic Biliary Apparatus – Anatomy / Physiology /Investigations
14	Obstructive Jaundice
15	Carcinoma Stomach
16	Cholelithiasis
17	Upper GI Bleed- Aetiology and Principles of Management
18	Cholecystitis
19	Intestinal Tuberculosis
20	Carcinoma Gall Bladder / Choledochal cyst
21	Peritonitis – Aetiology, Principles of Management
22	Intraperitoneal Abscesses
23	Spleen – Anatomy / Splenomegaly / Splenectomy
24	Chest Injuries
25	Portal Hypertension
26	Cardiac Arrest / Resuscitation
27	Acute Pancreatitis
28	Principles of Surgery of Ischaemic Heart disease
29	Pseudocyst of Pancreases & Chronic Pancreatitis
30	Pancreatic Tumours
31	Congenital Heart Diseases
32	Revision

8TH SEMESTER – LECTURE PROGRAMME

Sr. No	Topic
1	Anatomy of Anterior Abdominal wall & Diaphragm
2	Hirschsprung's Disease
3	Incisional Hernia / Epigastric Hernia
4	Haemorrhoids / Fistula in Ano / Fissure in Ano
5	Inguinal Hernia
6	Lower GI Bleed – Aetiology & Principles of management
7	Meckel's Diverticulum / Meconium ileus
8	Atresia – Oesophageal / Intestinal, T-O Fistula
9	Intestinal Obstruction I
10	Biliary Atresia / Congenital Diaphragmatic Hernia
11	Acute Abdomen – D/D & Principles of management
13	Abdominal Tuberculosis – Aetiopathology and Principles ofmanagement
14	Acute Appendicitis
15	Inflammatory Bowel Disease
16	Phimosis / Paraphimosis
17	Surgical Consideration in Enteric Fever / Ascariasis
18	Filariasis / Madura Foot
19	Carcinoma Colon
20	Diverticular Disease / Colostomy
21	Skin Malignancies
22	Surgical Anatomy of Rectum & Anal Canal
23	Anorectal Anomalies
24	Rectal Prolapse / Anorectal Abscesses
25	Principles of Organ Transplantation
26	Femoral Hernia, Umbilical Hernia & Other Hernias
27	Intestinal Obstruction
28	Adrenal Tumours
29	Surgical Anatomy, Embryology and Developmental Anomalies ofGUT
30	Symptoms and Investigations of urinary tract
31	Urinary Tract Infection
32	Pathophysiology of urinary tract obstruction
33	PUJ Obstruction
34	Urolithiasis
35	Renal Tuberculosis
36	Renal Tumours

Sr. No	Topic
37	Carcinoma Urinary Bladder
38	Ectopia Vesicae / Posterior Urethral Valves / Hypospadias
39	Carcinoma Penis
40	BEP
41	Carcinoma Prostate
42	Undescended Testis / Torsion Testis
43	Testicular Tumours
44	Hydrocoele / Varicocoele
45	Urodynamic Studies / Neurogenic Bladder
46	Retention of Urine – Aetiology & Principles of management
47	Acute Renal Failure
48	Renal Transplant
49	GUT Trauma
50	Stricture Urethra

9TH SEMESTER - LECTURE PROGRAMME

Sr. No	Topic
1	LASER in Surgery
2	Staplers in Surgery
3	Universal Safety Precautions
4	Revision Lectures

6TH SEMESTER – TUTORIAL PROGRAMME

Sr. No	Topic
1	Instruments – I
2	Incision and Drainage / Debridement / CLW suturing
3	Instruments – II
4	Venesection / Circumcision
5	Instruments – III
6	Cyst excision / Biopsies
7	Instruments – IV
8	FNAC / Pleural Tap/ Ascitic Tap
9	Instruments – V
10	Intercostal Drainage
11	Instruments – VI
12	Tracheostomy
13	Foley's catheter/ Nelaton's catheter
14	Suprapubic cystostomy
15	Ryles tube / Infant feeding tube
16	Preoperative care
17	Simple Rubber catheter / Flatus tube
18	Postoperative care
19	Dressing Trolley
20	Surgeries for Hernia
21	Bandages
22	Surgeries for Hydrocoele
23	I/V Set, Intracath, Scalp-Vein, 3 way
24	Resuscitation
25	Blood Transfusion
26	Sutures & Needles – I
27	Use of Drains
28	Sutures & Needles - II
29	Sterilization
30	Arterial disorders
31	Acute Infections
32	Venous disorders
33	Chronic Infections

8TH SEMESTER – TUTORIAL PROGRAMME:

Sr. No	Topic
1	Radiology – I (GIT)
2	Radiology – II (GUT)
3	Radiology – III (Miscell)
4	Radiology – IV (GUT)
5	Short Procedures - I
6	Instruments – I (Urology)
7	Short Procedures – II
8	Instruments – II (Urology)
9	Instruments – III
10	Short Procedures – III (Urology)
11	Instruments – IV
12	Short Procedures – IV (Urology)
13	Short Procedures – V
14	Tube & Catheters – I (Urology)
15	Short Procedures – VI
16	Tube & Catheters – II (Urology)
17	Tube & Catheters – III
18	Surgical Pathology I (GUT)
19	Tube & Catheters – IV
20	Surgical Pathology II (GUT)
21	Surgical Pathology III (GIT)
22	Retention of Urine
23	Surgical Pathology IV (GIT)
24	Genitourinary Trauma
25	Surgical Pathology V (GIT)
26	Principles of Urinary Diversion
27	Surgical Pathology VI(Miscell)
28	Urolithiasis
29	Resuscitation
30	Upper GI Bleed
31	Lower GI Bleed
32	Scans in Urology
33	Portal Hypertension
34	Endoscopy in Urology
35	Obstructive Jaundice
36	Acute & Chronic Infections

9TH SEMESTER – TUTORIAL PROGRAMME

Sr. No	Topic
1	Revisions

MAPPING OF PROGRAMME OUTCOMES [POs] AND COURSEOUTCOMES [COs] OF MBBS PROGRAMMES

Course Code	Course Title
01010402	General Medicine & Allied
01010401	General Surgery & Allied
01010403	Obstetrics & Gynaecology
01010404	Paediatrics

General Surgery and allied: (01010401)		
CO No.	**At the end of the course, the learner shouldbe able to:**	**Mapped Programme Outcomes**
CO 1	Describe aetiology, pathophysiology, principles of diagnosis and management of common surgical problems includingemergencies in adults and children.	PO1,PO2, PO4,PO5, PO7,PO9
CO 2	Define indications and methods for fluid andelectrolyte replacement therapy including blood transfusion;	PO1,PO2, PO4,PO5, PO7, PO9
CO 3	Define asepsis, disinfection and sterilizationand recommend judicious use of antibiotics;	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9
CO 4	Diagnose common surgical conditions bothacute and chronic, in adult and children	PO1,PO2, PO3,PO5, PO7, PO9
CO 5	Plan various laboratory tests for surgicalconditions and interpret the results;	PO1,PO2, PO3,PO4, PO5,PO6,PO9
CO 6	Identify and manage patients of hemorrhagic,septicaemic and other types of shock	PO1,PO2,PO4,PO5 ,PO9
CO 7	Be able to maintain patient air-way andresuscitate any critically ill patient	PO1,PO2, PO3,PO5, PO6,PO7,PO9
CO 8	Monitor patients of head, chest, spinal and abdominal injuries, both in adults and children;	PO1,PO2, PO3,PO5,PO6 ,PO7,PO9

CO 9	Acquire principles of operative surgery, including pre-operative, operative andpostoperative care and monitoring.	PO1,PO2, PO3,PO 5,PO6, PO9
CO 1	Treat open wounds including preventive measures against tetanus and gas gangrene;	PO1,PO 2, PO5,PO 6, PO7,PO8,PO9
CO 11	Diagnose neonatal and pediatric surgical emergencies and provide sound primary carebefore referring the patient to secondary / tertiary centres;	PO1,PO2,PO3 ,PO5,PO 6, PO7,PO9
CO 12	Recognize the importance of clinical Orthopaedics & diagnose and manage majority of the conditions in clinical Orthopaedics on the basis of clinical assessment & investigations	PO1,PO2,PO3 ,PO4,PO5, PO6,PO 7,PO8, PO9

General Surgery and allied: (MB 402)		
CO No.	**At the end of the course, the learner shouldbe able to:**	**Mapped Programme Outcomes**
CO 13	Carry out Bag Mask Ventilation and Basic LifeSupport(COLS)	PO1,PO2,PO3 ,PO5,PO 6, PO7,PO9
CO 14	At the end of the course student should know basic principles of various imaging modalitiesto diagnose various diseases and basic principles of recent advances	PO1,PO2,PO3 ,PO4,PO5, PO7,PO8,PO 9