

Department of Practice of Medicine

Advance Teaching Program

July 2021 to May 2022

III B.H.M.S

Sr. No.	Topic	No. of Lectures	Adv. Teaching Prog.
	GENETICS		
1	Introduction - Cell biology	04	January
2	Chromosomes and Genes	04	February
3	Chromosomal abnormalities - Abnormal number - Autosomal disorder - Sex chromosomal disorder - Abnormal chromosomal structure	04	March
4	Gene defects - Mutations - Single gene (monogenetic) disease - Polygenetic	04	April
5	Ontogenetic	03	May
6	Tumor suppressor gene	01	
7	Apoptosis	01	July
8	Down syndrome	01	
9	Turner syndrome	01	
10	Klinefelter syndrome	01	
11	Hemophilia	01	August

12	Genetic counseling	01	
13	Investigations in genetic diseases	02	
	IMMUNOLOGY		
14	Introduction	01	September
15	Innate immunity	01	
16	Adaptive immunity Humoral immunity Cellular immunity Cells of immune system	02	
17	Presenting problems in immune system	02	October/ November
18	Immunodeficiency	02	
19	Autoimmunity	02	December
20	Hypersensitivity Urticaria Angioedema Anaphylaxis Specific allergies	02	
21	Transplantation and graft rejection	01	

Department of Practice of Medicine

Advance Teaching Program

July 2021-November 2022

IV B.H.M.S

Sr. No.	Topic	No. of Lectures	Adv. Teaching Prog.
	ENDOCRINE DISEASES		
01	Introduction - Major endocrinal functions - Endocrine pathology & investigations in endocrine diseases	02	January
02	Major manifestations of endocrine diseases	02	
03	Hypothalamus & Pituitary gland - Hyper prolactinaemia - Acromegaly - Cushing's syndrome - Diabetes insipidus	10	
04	Thyroid gland - Hyperthyroidism - Hypothyroidism - Goiter/simple/diffuse/ multinodular	06	February
05	Para thyroid gland - Hyperparathyroidism & hypercalcaemia	02	
06	Adrenal gland - Glucocorticoid excess - Cushing's syndrome - Minerocorticoid excess - Pheochromocytoma - Addison's disease	08	
07	Hypoglycemia	02	
08	Diabetes mellitus - Complications of diabetes mellitus	04	March
	CARDIO VASCULAR SYSTEM		

09	Introduction - Functional Anatomy & Physiology - Investigation of cardio vascular diseases	01	
10	Major manifestations of heart diseases	05	
11	Rheumatic heart disease - Acute rheumatic fever - Mitral stenosis - Mitral regurgitation - Aortic stenosis - Aortic regurgitation	15	April
12	Conduction disorders of heart/Arrhythmias	10	June
	Ischemic heart diseases - Angina pectoris - -Unstable angina - AMI	06	
13	Hypertension	02	
14	Heart failure	04	July
15	Congenital heart diseases - PDA - ASD - VSD - Coarctation of aorta - Tetralogy of Fallot	10	
	- DISEASES OF BLOOD & R.E. SYSTEM		August
16	Introduction, Physiology and Hemopoiesis	01	
17	Laboratory investigations in hematology	01	
18	Anaemias - Iron deficiency anaemia - Megaloblastic anaemia - Hemolytic anaemia	08	
19	Haemoglobinopathies - Sickle cell anaemia - Thalassemia	06	
20	Leukemias - Acute lymphoblastic leukemia - Acute myeloid leukemia	02	
21	Leukemias - Chronic lymphocytic leukemia Chronic myeloid leukemia	04	

22	Lymphomas - Hodgkin's disease - Non-Hodgkin's disease	04	September
CNS DISEASES			
23	Functional anatomy & physiology of - nervous system	01	
24	- Major manifestations of nervous system diseases	02	
25	- Investigations of CNS diseases	01	October/November
26	Seizures and epilepsy - Focal seizures - Generalized seizures	06	
27	Headache - Tension headache - Migraine	04	
28	Vertigo and syncopes - BPPV - Labyrinthitis Syncope	02	
29	Dementia - Alzheimer's disease - Dementia with Lewy bodies - Prion disease - Pick's disease	04	
30	- Parkinson's disease	03	
31	Motor neuron diseases Acute - Polio myelitis - Herpes zoster	03	
32	Motor neuron diseases Chronic - Upper motor neuron disease Lower motor neuron disease	02	
33	Gait disorders - Pyramidal gait - Waddling gait - Cerebellar ataxia - Gait apraxia etc.	01	December
34	Cerebrovascular diseases - Stroke	04	

	<ul style="list-style-type: none"> - Cerebral infarction - Intracerebral hemorrhage Subarachnoid hemorrhage		
35	Trigeminal neuralgia	01	
36	Bell's palsy	01	
37	Multiple sclerosis	03	
38	<ul style="list-style-type: none"> - Myasthenia gravis 	02	
39	Acute Meningitis <ul style="list-style-type: none"> - Viral - Bacterial - Tubercular 	02	
40	Encephalitis	02	January
41	Gullain Barr syndrome	01	
42	Tumors of the brain	03	
43	Peripheral neuropathies	01	
44	Myopathies <ul style="list-style-type: none"> - Muscular dystrophies - Duchenne's muscular dystrophy 	02	
45	<ul style="list-style-type: none"> - Spinal cord disorders 	02	
46	<ul style="list-style-type: none"> - Coma & Brain Death 	02	February
47	Autonomic disorders with spinal cord involvement <ul style="list-style-type: none"> - Syringomyelia & SCD (Subacute combined degeneration) - Tetanus 	05	
48	<ul style="list-style-type: none"> - Dermatology introduction 	03	
49	<ul style="list-style-type: none"> - The primary skin lesions/basic eruptions 	02	
50	Dermatology; signs & symptoms	02	
51	Skin damage from environmental hazards	02	
52	Skin infections <ul style="list-style-type: none"> - Viral - Fungal 	05	

	- Bacterial		
53	Skin disease due to infestation, insect bite & stings	05	April
54	Immunologically mediated skin disorders	05	
55	Dermatitis	02	
56	Psoriasis	04	
57	Lichen Planus	02	
58	Skin cancer	03	
59	Vitiligo, disorders of Pigmentation	02	June/July
60	Disorders of Keratinizing skin	02	
61	Disorders of Hair & Nails	03	
62	Molluscum contagiosum	01	
63	Cellulitis	01	
64	Folliculitis	01	
65	Furuncle	01	
66	H.S. V	01	
67	Herpes zoaster & VZV	02	
68	Scabies	01	
69	Norwegian Scabies	01	
70	Erythema Nodosum	01	
71	Acene vulgaris / Rosacea	02	
72	Lupus erythematosus	01	

Sr. No.	Topic	No. of Lectures	Adv. Teaching Prog.
MUSCULOSKELETAL DISORDERS			January
1	Introduction	01	
2	Major manifestation of musculoskeletal dis	01	
3	Investigations	01	
4	Infective arthritis - Bacterial/Septic - Viral	03	
5	Inflammatory arthritis - Rheumatoid arthritis	03	
6	Seronegative Spondyloarthritis - Ankylosing spondylitis - Psoriatic arthropathy - Reiter's syndrome - Enteropathic	04	
7	Crystal associated arthropathy - Gout - Calcium pyrophosphate dehydrate crystal deposition (Pseudogout)	03 01	February
8	Degenerative joint disease - Osteoarthritis	03	
9	Systemic connective tissue diseases - SLE		

	- PAN	02 01	
10	Bone: Diseases of bone - Osteomyelitis - Tuberculosis of bone - Osteoporosis - Osteomalacia & rickets Tumors of bone	02 01 01 02 01	
	PAEDIATRICS		
11	Introduction and vital statistics	02	
12	- Care of new born baby	03	March
13	Examination of neonate	03	
	Feeding practices	02	
14	Growth and development in child	03	
15	Immunization	02	
16	Acute Diarrheal diseases	03	
17	- Protein energy malnutrition	03	April
18	Hydrocephalus	02	
	Convulsions		
	Meningitis in child		
19	Child psychiatry - Mental retardation - Scholastic ADHD	03	
	- INFECTIOUS & TROPICAL DISEASES		
	20		Concepts of infection - Major manifestations of infection
21	Viral infection - Influenza - Mumps - Measles	03	

22	AIDS	02	May/June	
23	- Rubella - Rabies - Herpes simplex - Herpes zoster	04		
24	- Streptococcal infections	01		
25	- Staphylococcal infections			
26	- Diphtheria	01		
27	- Whooping cough	01		
28	- Salmonella infections	02		
29	Food poisoning	01		
30	- Bacillary dysentery	01		
31	- Tetanus	01		
32	- Amoebiasis	01		
33	Diseases due to helminths	02		
34	- Plague	01		
35	Cholera	01		
36	Leprosy	02		
DISEASES OF KIDNEY & URINARY SYSTEM				July
37	Introduction Functional Anatomy, Physiology	01		
38	Major manifestations of renal diseases - Urine abnormalities Renal failure	03		
39	Glomerular diseases Glomerulopathies	05		
40	- Nephrotic syndrome	02		
41	Infections of kidney & urinary tract - Infections of lower urinary tract - Infections of upper urinary tract	03		
42	- Acute renal failure	02		

43	- Chronic renal failure	02	August
44	Polycystic Kidney Disease	01	
45	Obstructions of urinary tract Renal stones	02	
46	Prostatic diseases Benign Prostatic Hypertrophy Prostatic Carcinoma	02	
	HEPATO BILIARY DISEASES		
47	Introduction Anatomy and physiology of liver	01	
48	Major manifestations of liver disease	02	
49	Liver function test	03	
50	Hepatitis Hepatitis A Hepatitis B	03	
51	Chronic Hepatitis	01	
52	Gilbert's syndrome	01	
53	Criggler Najjar syndrome	01	
54	Wilson's Disease	01	
55	Liver cirrhosis	02	
56	Ascites	01	
57	Hepatocellular carcinoma	01	
58	Gall bladder diseases	02	
	Gastrointestinal tract diseases		
59	Introduction Functional anatomy and physiology of GI system	01	
60	Major manifestations of gastro intestinal diseases	02	
61	Investigations of gastro intestinal diseases	02	
62	Disease's mouth and salivary gland Stomatitis and Vincent's angina Oral cancer	02	

	Parotitis		
63	Disease's oesophagus GERD Achalasia of oesophagus Oesophageal cancer	04	October/November
64	Diseases of stomach and duodenum Gastritis-acute and chronic Peptic ulcer disease Gastric carcinoma	04	
65	Diseases of small intestine Coeliac disease Tropical sprue Giardiasis	03	
66	Amoebiasis	01	
67	Inflammatory bowel disease	04	
68	Irritable Bowel Syndrome	02	
69	Colorectal cancer	02	
70	Disease of pancreas	03	
	Respiratory System		December
71	Introduction Anatomy and physiology of respiratory system	01	
72	Major manifestations of respiratory system diseases	02	
73	Diseases of upper respiratory tract Acute pharyngitis Acute laryngitis	02	
74	Pneumonias	03	January
75	Tuberculosis Primary TB Post primary TB Milliary TB	03	
76	Chronic Obstructive Pulmonary Disease Chronic bronchitis Emphysema	03	
77	Bronchiectasis	01	

78	Bronchial asthma	02		
79	Tropical pulmonary eosinophilia	01		
80	Respiratory failure ARDS Chronic respiratory failure	02		
81	Carcinoma of lung, bronchus	02		
82	Disease of pleura Pleurisy Pleural effusion - Empyema	03		
83	Tuberculosis Primary TB Post primary TB Milliary TB	03		
	GERIATRICS			
84	Geriatrics assessment	04		February
85	Functional Anatomy, Physiology & Investigations	04		
86	Presenting problems in Geriatric Medicine	04		
87	Falls	01		
88	Acute confusion	01		
89	Urinary incontinence	01		
90	Polypharmacy	01		
91	Dizziness	01	March	
92	Other problems	01		
93	Rehabilitation	01		
94	Environmental and nutritional factors in geriatric age group & its disease	01		
95	Infection in geriatric age group & its disease	01		
96	Kidney & urinary tract in geriatric age group & its disease	01		

97	CVS in geriatric age group & its disease	04	April
98	Respiratory system in geriatric age group & its disease	06	
99	Endocrine in geriatric age group & its disease	04	
100	Diabetes mellitus in geriatric age group & its disease	01	
101	GIT in geriatric age group & its disease	01	
102	Hepatobiliary in geriatric age group & its disease	01	
103	Blood disorders in geriatric age group	01	
104	Musculoskeletal in geriatric age group & its disease	01	
105	Neurology in geriatric age group & its disease	03	
106	Skin in geriatric age group & its disease	02	
107	Other	04	

	PSYCHIATRY		
1	Introduction Epidemiology Etiology of psychiatric illness	01	July
2	Classification of psychiatric diseases	02	
3	Mini mental state examination and investigations	01	
4	Presenting problems in psychiatric illness Depressed mood Elated mood Delusion and hallucination Disturbed & aggressive behavior Self-harm Confusion Alcohol misuse	02	August
5	Anxiety diseases Panic disorder Generalized anxiety Disorder Obsessive compulsive disorder Post-traumatic stress disorder Phobic disorder	03	

6	Somatoform disorders	01	September
7	Conversion Disorder	02	
8	Fictitious Disorders and malingering	01	
9	Mood disorders Unipolar depression Bipolar manic depression	02	October/November
10	Schizophrenia and other delusional disorders	03	
11	Alcohol misuse and dependence (Substance induced misuse)	01	December
12	Organic Psychiatry Delirium Dementia Amnestic syndrome	04	
13	Personality Disorder	02	
	NUTRITIONAL & METABOLIC DISORDERS		
14	Nutritional disorders Protein Energy malnutrition	02	February/ March
15	Vitamins Vit A deficiency	08	
16	Vit B deficiency Vit B ₁ Deficiency- Beriberi Riboflavin Niacin deficiency-Pellagra		
17	Vit C deficiency Scurvy		
18	Vit D deficiency Rickets Osteomalacia		
19	Vit E deficiency		
20	Obesity	02	
21	Lipoprotein disorders Hyperlipidemias	02	April
22	Amyloidosis	01	May
23	Porphyrias	01	
	Environmental Diseases		
24	Introduction Environmental effects on health	01	
25	Effects of radiation, Radiation exposure	01	
26	Thermoregulation Hyperthermia	02	June
27	Heat exposure Heat cramps - Heat syncope Heat stroke	02	

28	Cold exposure Frost bite - Chill blains Hypothermia	02	July/Aug
29	Air travel	03	
	WATER AND ELECTROLYTE BALANCE		
30	Distribution and composition of body water	02	Aug/Sep
31	Disorders of sodium concentration	03	
32	Disorders of sodium concentration	03	October/Nov
33	Acid base disorders	03	Nov/Dec

SNJB'S Smt. K.B. Abad Homoeopathic Medical College

**Shri R. P. Chordiya Hospital & Bhamasha, Shri V. D. Mehta Dev- Vijay P.G. Institute of
Homoeopathy & Research Centre
Neminagar, Chandwad Dist. Nashik 423101**

**Department of Practice of Medicine
Advance Teaching Program
PG-I**

Sr. No	Month	Topic	No. of Lectures
1	June 21	Developing basic clinical approach	8
2	July 21	Studying cardinal manifestations of disease through their pathophysiology with Hahnemannian classification of symptoms &	8

		miasmatic classification. - Pain - Fever types - Alterations in Nervous system	
3	August 21	- Alterations in respiratory & circulation - Alterations in gastrointestinal functions -Alterations in urinary functions & electrolytes	8
4	September 21	-Alterations in reproductive & sexual functions -Alterations in skin functions -Hematological alterations.	8
5	October 2021	Basic concepts of Nutritional diseases & miasmatic assessment - Nutritional & dietary assessment - Malnutrition - Vitamin & mineral deficiency	8
6	November 21	- Obesity - Eating disorders	8
7	December 21	Interpretation of laboratory & radiological investigations - Hematology- all basic tests	8
8	January 2022	- Serology - Biochemistry	8
9	February 2022	- Microbiology - Special tests- hormonal assays, Thyroid function test, LH, FSH, prolactin, TORCH, Triple Marker	8
10	March 2022	- Antithyroid antibody - Anti-cardiolipin antibodies	8
11	April 2022	- Basic concepts of Radio imaging; X-ray, CT, MRI	8

		- USG - ECG (Basic applications)	
12	May 2022	Introduction to practice of EBM	8

HOD

Department of Practice of Medicine

SNJB'S Smt. K.B. Abad Homoeopathic Medical College

Shri R. P. Chordiya Hospital & Bhamasha, Shri V. D. Mehta Dev- Vijay P.G. Institute of

Homoeopathy & Research Centre

Neminagar, Chandwad Dist. Nashik 423101

Department of Practice of Medicine

Advance Teaching Program

PG-II

Sr. No	Month	Topic	No. of Lectures
1	September 2021	Infectious disease	16

2	October 2021	Respiratory disease	16
3	November 2021	Cardiovascular diseases	16
4	December 2021	Kidney & Genitourinary diseases Endocrine and metabolic diseases	16
5	January 2022	Alimentary tract & pancreatic diseases	16
6	February 2022	Liver & Biliary tract diseases	16
7	March 2022	Blood disorders	16
8	April 2022	Musculoskeletal diseases & disorders of bone metabolism	16
9	May 2022	Neurological diseases	16
10	June 2022	Skin diseases	16
11	July 2022	Common mental disorders	16
12	August 2022	Homoeopathy and emergency medicine including poisoning	16
13	September 2022	Application of Homoeopathy in special groups: - Life style diseases - Geriatric medicine - Women diseases - Oncology & Homoeopathy	16
14	October 2022	National health programs and Homoeopathy	16

HOD

Department of Practice of Medicine

