Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time						01.05.21 Sat	02.05.21 Sun
08-09 AM						**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM						PY 8.2 Synthesis, secretion transport, physiological action, regulation and effect of altered (hypo and hyper) hypothalamus	
10-11 AM						AN15.5 - Describe and demonstrate adductor canal with its content	
11-01 AM						**Muscles of Medial compartment of Thigh** AN15.5 - Describe and demonstrate adductor canal with its content	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM						Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	03.05.21 Mon	04.05.21 Tue	05.05.21 Wed	06.05.21 Thurs	07.05.21 Fri	08.05.21 Sat	09.05.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.1 Functional anatomy of heart Horizontal integration with anatomy	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	**Gluteal Muscles** AN16.1 - Describe and demonstrate origin, course, relations, branches (or tributaries), termination ofimportant nerves and vessels of gluteal region	CM 4.2 Describe the methods of organizing health promotion and education and counselling activities at individual, family and community settings	AN16.4 – Describe and demonstrate the hamstrings group of supplyand actions AN16.5 - Describe back of thigh	BI Ketones Metabolism	BI Cholesterol and Bile acid Metabolism	PY 8.2 Synthesis, secretion transport, physiological effect of altered (hypo pituitary gland, thyroid gland, adrenal, gland, pancreas and	
10-11 AM	PY 5.1 Functional anatomy of heart Horizontal integration with anatomy	AN16.2 - Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections. AN16.3 - Explain the anatomical basis of Trendelenburg sign. **Vertical Integration with Gen Surgery**	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: • myocardialinfarctin,	AN16.6 - Describe and demonstrate the boundaries, roof, floor, contents and relations of Popliteal Fossa	**Early Clinical Explosure-** Biochemistry	AN17.1 - Describe and demonstrate the hip joint AN17.2-3 – Describe anatomical basis of **Vertical Integration with Orthopedics**	
11-01 AM	Hematology revision DLC BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: • dyslipidemia,	**Gluteal Region** AN16.1 - Describe and demonstrate origin, course, relations, branches (or tributaries), termination ofimportant nerves and vessels of gluteal region	Hematology revision DLC BI11.17 Explain the basis and rationale of biochemical tests done in the following	AN16.6 - Describe and demonstrate the boundaries, roof, floor, contents and relations of Popliteal Fossa		AN17.1 - Describe and demonstrate the hip joint AN17.2-3 – Describe anatomical basis of complications	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	Bones of Foot	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: • dyslipidemia,	AN16.2-5- Describe anatomical basis of during gluteal injections. **Vertical Integration with Gen Surgery**	Hematology revision DLC BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: • myocardial infarction,	PY 8.2 Synthesis, secretion transport, physiological action, regulation and effect of altered (hypo and hyper) secretion of	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	10.05.21 Mon	11.05.21 Tue	12.05.21 Wed	13.05.21 Thurs	14.05.21 Fri	15.05.21 Sat	16.05.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	GH	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	AN18.1 -2- Describe and demonstrate major muscles of supply and actions AN18.3 – Explain the anatomical basis of foot drop. **Vertical with Surgery**	District hospital regarding infrastructure, service delivery, Staffing pattern	AN18.4-6 – Describe and demonstrate the type, articular surfaces, capsule, synovial nerve supply, bursae around the knee joint AN18.7 – Explain anatomical basis of Osteoarthritis.	BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis. (Vertical Intigration with medicine)		PY 8.2 Synthesis, secretion transport, physiological pituitary gland, thyroid gland, adrenal, gland, pancreas and hypothalamus	
10-11 AM	PY 5.2 Cardiac muscle	AN 18.3- Describe and demonstrate major muscles of lateral compartment of leg n the basis of foot drop. **Vertical Integration with Gen Surgery**	PY 5.2 Cardiac muscle	AN19.1 – Describe and demonstrate the major muscles of back of leg with their attachment, nerve supplyand actions AN19.2 – Describe and demonstrate the origin, course, relations, branches (or tributaries), termination ofimportant nerves and vessels of back of leg		AN19.7 - Explain the anatomical basis of Metatarsalgia & Plantar fasciitis. **Vertical Integration with Orthopedics**	
11-01 AM	Hematology revision BT CT BI 11.16 Observe Quality Control process in Biochemistry Lab	**Stage Viva – Lower Limb**	Hematology revision Hb BI 11.16 Observe use of Paper chromatography	AN19.1-2 – Describe and demonstrate the major muscles of back of leg with their attachment, nerve supplyand actions		AN19.7 - Explain the anatomical basis of Metatarsalgia & Plantar fasciitis. **Vertical Integration with Orthopedics & Surface Marking**	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN18.1-2 - Describe and demonstrate anterior compartment of leg with their **Vertical Integration with Gen Surgery**	Hematology revision BT CT BI 11.16 Observe Quality Control process in Biochemistry Lab	AN18.4-5 - Describe and demonstrate major muscles of Lateral compartment of leg with	Hematology revision Hb BI 11.16 Observe use of Paper chromatography		Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	17.05.21 Mon	18.05.21 Tue	19.05.21 Wed	20.05.21 Thurs	21.05.21 Fri	22.05.21 Sat	23.05.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL**: BI Endocrine function of Adipose tissue	PY 5.3 Cardiac cycle	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	Sole of Foot - II	CM2.1: Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community	AN20.1 - Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of Tibiofibular and Ankle Joint	BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids. (Vertical	BI4.5 Interpret laboratory results of analytes associated with metabolism of li	PY 8.2 Synthesis, secretion transport, physiological action, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid	
10-11 AM	PY 5.2 Cardiac muscle	AN19.5 - Describe factors maintaining importance arches of the foot with its importance AN19.6 – Explain the anatomical basis of Flat foot & Club foot. **Vertical Integration with Orthopedics**	PY 5.2 Cardiac muscle	AN20.2 - Describe the Subtalar and Transverse Tarsal joints	**Early Clinical Explosure-** Physio	AN19.3 – Explain the concept of "Peripheral heart". **Vertical Integration with Gen Surgery** AN20.5 – Explain anatomical basis of varicose veins and deep vein thrombosis. **Vertical Integration with Gen Surgery**	
11-01 AM	Hematology revision Arneth count BI 11.16 Observe use of Protein electrophoresis	AN19.5-6 - Describe factors maintaining importance arches of the foot with its importance **Orthopedics** AN20.6 - Identify the bones and joints of lower limb seen in	Hematology revision ESR PCV BI 11.16 Observe use of Autoanalyser	AN20.2 - Describe the Subtalar and Transverse Tarsal joints AN20.6 - Identify the bones and joints of lower limb seen in		AN19.3 – Explain the concept of "Peripheral heart". **Vertical Integration with Gen Surgery** AN20.5 – Explain anatomical basis of varicose veins and deep vein thrombosis. **Vertical Integration with Gen Surgery**	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	Sole of Foot – II **&** **Surface Marking**	Hematology revision Arneth count BI 11.16 Observe use of Protein electrophoresis	AN20.1 - Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of Tibiofibular and Ankle Joint AN20.6 - Identify the bones and joints of lower limb seen in anteroposterior and lateral	Hematology revision ESR PCV BI 11.16 Observe use of Autoanalyser	PY 8.2 Synthesis, secretion transport, physiological action, regulation and effect of altered (hypo and , adrenal, gland, pancreas and	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	24.05.21 Mon	25.05.21 Tue	26.05.21 Wed	27.05.21 Thurs	28.05.`21 Fri	29.05.21 Sat	30.05.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.3 Cardiac cycle	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet	SGD 7 CM4.1- 4.3 Describe various methods of health education with their advantages and limitations, Describe the methods of organizing health promotion and education and counselling activities at individual family andcommunity settings, Demonstrate and describe the steps in evaluation of health promotion and educationprograme	AN21.6 & 7 Mention origin, course and branches of intercostals and internal thorasic vessel	BI5.1 Describe and discuss structural organization of proteins.	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin	PY 8.5 Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response.	
10-11 AM	BI 11.16 Observe use of TLC, PAGE	AN21.4,5 & 9 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles	PY 5.3 Cardiac cycle	AN21.8 & 10 Describe manubriosternal, costovertebral, costotransverse and xiphisternal joints	**Early Clinical Explosure-** Anatomy	AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	
11-01 AM	BI 11.16 Observe use of TLC, PAGE	AN21.4,5 & 9 **Practical** - Demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles	Hematology revision Hematological indices BI 11.16 Observe use of Immuno-diffusion	AN21.8 & 10 **Practical** - Demonstrates & Idenitify manubriosternal, costovertebral, costotransverse and xiphisternal joints		AN21.11 **Practical** - Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN21.3 **Practical** - demonstrate & Idenitify the boundaries of thoracic inlet, cavity and outlet	Hematology revision Blood group BI 11.16 Observe use of TLC, PAGE	AN21.6 & 7 **Practical** - Mention origin, course and branches of intercostals and internal thorasic vessel	Hematology revision Hematological indices BI 11.16 Observe use of Immuno-diffusion	PY 8.5 Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response.	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	31.05.21 Mon	01.06.21 Tue	02.06.21 Wed	03.06.21 Thurs	04.06.21 Fri	05.06.21 Sat	06.06.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.3 Cardiac cycle	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	AN22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	SGD 8 CM2.2- 2.3: Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status, Describe and demonstrate in a simulated environment theassessment of barriers to good health and health seeking behavior	AN22.3-5 Describe coronary arteries and related applied anatomy. Vertical integration with general medicine	BI5.3 Describe the digestion and absorption of dietary proteins. (Vertical Intigration with peadiatrics)	BI5.4 Describe common disorders associated with protein metabolism. (Vertical Intigration with peadiatrics)	PY 8.3 Physiology of Thymus &Pineal Gland	
10-11 AM		AN22.2 Describe& demonstrate external and internal features of each chamber of heart	PY 5.3 Cardiac cycle	AN22.6-7 Describe the fibrous skeleton of heart conducting sytem heart.	**Early Clinical Explosure-** Biochemistry	AN22.6-7 Describe conducting sytem heart and its applied.	
11-01 AM	BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: DNA isolation from blood/tissue	AN22.2 **Practical -** demonstrate external and internal features of each chamber of heart	Hematology revision – RBC count BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: ELISA	AN22.6-7 **Practical -** Describe the fibrous skeleton of heart and consucting sytem heart. **Vertical integration** with general medicine		AN22.6-7 **Practical -** Describe conducting sytem heart and its applied. **Vertical integration** with general medicine	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN22.1 **Practical -** demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	Hematology revision BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: DNA isolation from blood /tissue	AN22.3-5 **Practical -** Describe coronary arteries and related applied anatomy. Vertical integration with general medicine	Hematology revision – WBC count BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: ELISA	PY 8.3 Physiology of Thymus &Pineal Gland	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	07.06.21 Mon	08.06.21 Tue	09.06.21 Wed	01.06.21 Thurs	11.06.21 Fri	12.06.21 Sat	13.06.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.3 Cardiac cycle	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	AN23.1 Describe & the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	CM2.5: Describe poverty and social security measures and its relationship to health and disease	AN 23.3 Describe origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory	BI5.4 Describe common disorders associated with protein metabolism. (Vertical Intigration with peadiatrics)	BI5.4 Describe common disorders associated with protein metabolism. (Vertical Intigration with peadiatrics)	PY 8.4 Function tests thyroid gland adrenal cortex adrenal medulla and pancreas	
10-11 AM	PY 5.3 Cardiac cycle	AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy Vertical integration with general Surgery	PY 5.3 Cardiac cycle	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	**Early Clinical Explosure-** Physio	AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain	
11-01 AM	Hematology revision – RBC count	AN23.2 **Practical -** Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy **Vertical integration** with general Surgery	PY 5.12 PY 5.16 PULSE	AN23.4 **Practical -** Mention the extent, branches and relations of arch of aorta & descending thoracic aorta		AN23.5 **Practical -** Identify & Mention the location and extent of thoracic sympathetic chain	
	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:		BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:				
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN23.1 **Practical -** Describe & the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus **Vertical integration** with general Surgery	Hematology revision – RBC count	AN 23.3 **Practical -** Describe origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	PY 5.12 PY 5.16 PULSE	PY 8.4 Function tests thyroid gland adrenal cortex adrenal medulla and pancreas	Physio Tutorial	
		BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: renal failure,gout		BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: proteinuria			

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	14.06.21 Mon	15.06.21 Tue	16.06.21 Wed	17.06.21 Thurs	18.06.21 Fri	19.06.21 Sat	20.06.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.3 Cardiac cycle	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	AN23.6 Describe the splanchnic nerves	SGD 9 CM 2.4: Describe social psychology, community behaviour and community relationship and their impact on health anddisease	AN24.1 Describe in detail pleura and its applied anatomy	B16.9 Describe the functions of various minerals in body, their metabolism and homeostasis	B16.10 Enumerate and describe the disorders associate with mineral metabolism	PY 8.4 Function tests thyroid gland adrenal cortex adrenal medulla and pancreas	
10-11 AM	PY 5.3 Cardiac cycle	AN23.7 Mention the extent, relations and applied anatomy of lymphatic duct	PY 5.3 Cardiac cycle	AN24.2 Describe root of lung & bronchial tree and their clinical correlate	**Early Clinical Explosure-** Anatomy	AN24.3 Describe bronchopulmonary segments and applied anatomy.	
11-01 AM	Hematology revision – RBC count BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions nephroticsyndrome,	AN23.7 **Practical -** Mention the extent, relations and applied anatomy of lymphatic duct **Vertical integration** with general Surgery	PY 5.12 PY 5.16 PULSE BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions edema	AN24.2 **Practical -** Describe root of lung & bronchial tree and their clinical correlate **Vertical integration** with general Medicine		AN24.3 **Practical -** Describe bronchopulmonary segments and applied anatomy. **Vertical integration** with general Surgery	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN23.6 **Practical -** Describe the splanchnic nerves	Hematology revision – RBC count BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: • nephroticsyndrome,	AN24.1 **Practical -** Describe in detail pleura and its applied anatomy **Vertical integration** with general Medicine	PY 5.12 PY 5.16 PULSE BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:	PY 8.4 Function tests thyroid gland adrenal cortex adrenal medulla and pancreas	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	21.06.21 Mon	22.06.21 Tue	23.06.21 Wed	24.06.21 Thurs	25.06.21Fri	26.06.21 Sat	27.06.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	GH	PY 5.5 Physiology of ECG Vertical integration with general Medicine	**AETCOM:** Module 1.2 what does it mean to a patient **Dept. of Biochemistry**	
09-10 AM	AN24.4-5 Identify phrenic nerve & describe its formation & distribution	SGD 10 **CM 2.4-2.5:** Describe social psychology, community behaviour and community relationship and their impact on health and diseaseDescribe poverty and social security measures and its relationship to health and disease	AN25.2 Describe development of pleura, lung & heart		BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins. (Vertical Intigration with medicine)	PY 8.4 Function tests thyroid gland adrenal cortex adrenal medulla and pancreas	
10-11 AM	PY 5.4 Generation, conduction of cardiac impulse	AN25.1 Discuss histology of trachea and lung	PY 5.3 Cardiac cycle		**Early Clinical Explosure-** Biochemistry	AN25.3-4 Describe fetal circulation and changes occurring at birth. ASD, VSD, TEF and fallot's tetralogy	
11-01 AM	PY 5.13 Record and interpret normal ECG BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: jaundice	AN25.1 **Practical -** Discuss histology of trachea and lung	PY 3.15 Blood pressure recording BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: liver diseases.			AN25.3-4 **Practical -** Describe fetal circulation and changes **Vertical integration** with general Medicine and Pediatrics	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN24.4-5 Identify phrenic nerve & describe its formation & distribution **Vertical integration** with general Medicine	PY 3.15 Blood pressure recording BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions jaundice	AN25.2 **Practical -** Describe development of pleura, lung & heart		PY 8.4 Function tests thyroid gland adrenal cortex adrenal medulla and pancreas	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	28.06.21 Mon	29.06.21 Tue	30.06.21 Wed	01.07.21 Thurs	02.07.21 Fri	03.07.21 Sat	04.07.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.7 Hemodynamics of circulatory system	**AETCOM:** Module 1.3 The doctors patient relationship **Dept. of Physio**	
09-10 AM	AN25.5 Describe developmental basis of congenital anomalies, dextrocardia, PDA and coarctation of aorta	CM3.1 Describe the health hazards of air, water, noise, radiation and pollution	AN.44.1-Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions	BI6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states. (Vertical	BI6.2 Describe and discuss the metabolic processes in which nucleotides are	PY 8.5 Metabolic and endocrine consequences of syndrome, stress response.	
10-11 AM	PY 5.5 Physiology of ECG Vertical integration with general Medicineintegration General Medicine	AN25.6 Mention development of aortic arch arteries, SVC, IVC and coronary sinus	PY 5.6 Abnormal ECG, arrhythmias, heart block and myocardial infarction Vertical integration Medic.	AN44.2 Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall	**Early Clinical Explosure-** Physio	AN. 44.3 Describe the formation of rectus sheath and its contents	
11-01 AM	PY 5.13 Record and interpret normal ECG BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:	AN25.6 **Practical -** Mention development of aortic arch arteries, SVC, IVC and coronary sinus	PY 5.12 Effect of Exercise and postures on blood pressure BI11.17 Explain the basis and rationale of biochemical tests done in the following	AN44.2 **Practical -** Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall		AN. 44.3 **Practical -** Describe the formation of rectus sheath and its contents	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN25.5 **Practical -** Describe developmental basis of congenital anomalies, dextrocardia, PDA and coarctation of aorta **Vertical integration** with general Medicine and pediatrics	PY 5.13 Record and interpret normal ECG BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: pancreatitis.	AN.44.1- **Practical -** demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen	Hematology revision DLC BI11.17 Explain the basis and rationale of biochemical tests done in the following.	PY 8.5 Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response.	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	05.07.21 Mon	06.07.21 Tue	07.07.21 Wed	08.07.21 Thurs	09.07.21 Fri	10.07.21 Sat	11.07.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 6.2 (1) Mechanics of normal respiration	**AETCOM:** Module 1.3 The doctors patient relationship **Dept. of Physio**	
09-10 AM	AN44.4-5 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle	SDL3 (CM2) Relationship of social and behavioural to health and disease	AN45.1-2 Describe Thoracolumbar fascia and lumbar plexus	BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved (Part-II)	BI6.3 Describe the common disorders associated with nucleotide metabolism. (Horizontal integration with physiology)	PY 5.8 Cardiovascular regulatory mechanisms	
10-11 AM	PY 5.7 Hemodnamics of circulatory system	AN 44.6-7 Describe & demonstrate attachments of muscles of anterior abdominal wall	PY 5.7 Hemodynamics of circulatory system	AN45.3 Mention the major subgroups of back muscles, nerve supply and action	**Early Clinical Explosure-** Physio	AN46.1-2 Describe & demonstrate testis and epididymis with	
11-01 AM	PY 5.12 Effect of Exercise and postures on blood pressure BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:disorders of	AN 44.6-7 **Practical -** demonstrate attachments of muscles of anterior abdominal wall	PY 5.12 Effect of Exercise and postures on blood pressure BI 11.16 Observe use of ABG analyser	AN45.3 **Practical -** Mention the major subgroups of back muscles, nerve supply and action		AN46.1-2 **Practical -** demonstrate testis and epididymis with their applied anatomy	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN44.4-5 **Practical -** demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle	PY 5.12 Effect of Exercise and postures on blood pressure BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:disorders of Thyroid gland	AN45.1-2 **Practical -** Describe Thoracolumbar fascia and lumbar plexus	PY 5.12 Effect of Exercise and postures on blood pressure BI 11.16 Observe use of ABG analyser	PY 6.1 Functional anatomy of respiratory tract	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	12.07.21 Mon	13.07.21 Tue	14.07.21 Wed	15.07.21 Thurs	16.07.21 Fri	17.07.21 Sat	18.07.21 Sun
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.8 Cardiovascular regulatory mechanisms	**AETCOM:** Module 1.3 The doctors patient relationship **Dept. of Physio**	
09-10 AM	AN 46.3-5 Describe Penis in detail and its clinical aspects.	SGD 11& SGD 12 CM3.2-3.3 Describe concepts of safe and wholesome	AN 47.1 Describe & identify boundaries and recesses of Lesser & Greater sac	BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome. (Vertical Intigration with medicine)	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency. PART-I (Vertical Intigration with medicine)	PPY 6.3(1) Transport of respirator gasesY 8.5 Metabolic and endocrine consequences of obesity & metabolic syndrome, stress response	
10-11 AM	PY 5.8 Cardiovascular regulatory mechanisms	AN 46.3-5 Describe Penis in detail and its clinical aspects.	PY 5.8 Cardiovascular regulatory mechanisms	AN. 47.5 Describe te major viscera of abdomen	**Early Clinical Explosure-** Biochemistry		
11-01 AM	PY 5.14 Autonomic Function tests Revision BI 11.16 Observe use of paper chromatography	AN 46.3-5 **Practical -** Describe Penis in detail and its clinical aspects. **Vertical integration** with general surgery	PY 3.18 Amphibian nerve muscle BI 11.16 Observe use of Immuno-diffusion	AN. 47.5 **Practical -** Describe te major viscera of abdomen			
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN 46.3-5 **Practical -** Describe Penis in detail and its clinical aspects. **Vertical integration** with general surgery	PY 5.14 Autonomic Function tests Revision BI 11.16 Observe use of paper chromatography	AN 47.2-4 **Practical -** Name & identify various peritoneal folds & pouches with its explanation	PY 3.18 Amphibian nerve muscle BI 11.16 Observe use of Immuno-diffusion	PY 6.2 (2) Mechanics of normal respiration	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	19.07.21 Mon	20.07.21 Tue	21.07.21 Wed	22.07.21 Thurs	23.07.21 Fri	24.07.21 Sat	25.07.21 Sun
08-09 AM	Sports	**SDL** Anatomy		**SDL** Biochemistry		**AETCOM:** Module 1.3 The doctors patient relationship **Dept. of Physio**	
09-10 AM	AN47.6-7 Explain the anatomical basis of Splenic notch, Kehr's sign, vagotomy, Liver biopsy Referred pain in cholecystitis, Obstructive jaundice, umbilicus, and kidney.	SGD13 CM 3.4 Describe the concept of solid waste, human excreta and sewage disposal		BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency. PART-II (Vertical Intigration with medicine)	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. PART-I (Vertical Intigration with medicine) & (Horizontal integration with physiology)		
10-11 AM	PY 5.9 Factors affecting heart rate, regulation of cardiac output & blood pressure	AN47.8 Describe the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein		AN47.10-11 Enumerate the sites of portosystemic anastomosis and its applied anatomy	**Early Clinical Explosure-** Physio	AN47.12 Describe important nerve plexuses of posterior abdominal wall	
11-01 AM	PY 3.18 Amphibian nerve muscle BI 11.11 Demonstrate estimation of calcium and Phosphorus	AN47.8 **Practical –** Describe the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein		AN47.10-11 **Practical –** Enumerate the sites of portosystemic anastomosis and its applied anatomy Vertical Integration with General Surgery		AN47.12 **Practical –** Describe important nerve plexuses of posterior abdominal wall	
01-02 PM	**L**	**U**	**N**	**C**	**H**		
02-04 PM	AN47.6-7 **Practical** - Explain the anatomical basis of Splenic notch, Kehr's sign, vagotomy, Liver biopsy Referred pain in cholecystitis, Obstructive jaundice, umbilicus, and kidney. **Vertical integration** with general surgery	PY 3.18 Amphibian nerve muscle BI 11.11 Demonstrate estimation of calcium and Phosphorus		PY 3.18 Amphibin nerve muscle BIO TUTORIAL	PY 6.3(2) Transport of respiratory Gases	Physio Tutorial	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

Shaheed Hasan Khan Mewati Government Medical

College Nalhar, Nuh (Haryana)

COMPETENCY BASED MEDICAL CURRICULUM FOR MBBS (2020-2021)

Time	26.07.21 Mon	27.07.21 Tue	28.07.21 Wed	29.07.21 Thurs	30.07.21 Fri	31.07.21 Sat
08-09 AM	Sports	**SDL** Anatomy	**SDL** Physiology	**SDL** Biochemistry	PY 5.9 Factors affecting heart rate, regulation of cardiac output & blood pressure	**GH**
09-10 AM	AN47.13-14 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm	PY 3.18 Amphibian nerve muscle		BI6.7 Describe the processes involved in maintenance of normal pH, these. PART-II (Vertical Intigration with medicine) & (Horizontal integration with physiology)	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders. (Vertical Integration with medicine)	
10-11 AM	PY 5.9 Factors affecting heart rate, regulation of cardiac output & blood pressure		PY 5.9 Factors affecting heart rate, regulation of cardiac output & blood pressure		**Early Clinical Explosure-** Anatomy	
11-01 AM	PY 3.18 Amphibian nerve muscle BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet		PY 3.18 Amphibian nerve muscle BI 11.13 Demonstrate estimation of SGOT/SGPT			
01-02 PM	**L**	**U**	**N**	**C**	**H**	
02-04 PM	AN47.13-14 **Practical –** demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm	BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet		PY 3.18 Amphibian nerve muscle BI 11.13 Demonstrate estimation of SGOT/SGPT	PY 6.3 Regulation of Respiration	

- AN - Anatomy – 675 Hours (Red Color)
- PY – Physiology - 495 Hours (Pink Color)
- BI – Biochemistry – 250 hours (Light Green)
- ECE – Early clinical Exposure – 90 Hours (Magenta Color)
- CM – Community Medicine - 52 Hours (Teel Blue

- AETCOM - Professional Development and Ethics - 48 Hours (Green Color)
- S/E – Sports and Extra Curriculum Activity - 60 Hours (Blue Color)
- **Foundation Course- !75 hours (Mustard Yellow)**

DEAN