

NIMRA INSTITUTE OF MEDICAL SCIENCES
PHYSIOLOGY DEPARTMENT
TEACHING SCHEDULE FOR THE MONTH OF JUNE 2021

S.No	Date & time	Competency code	Competency	Faculty
1	1-6-21 Tue	PY6.6	Describe and discuss the pathophysiology of hypoxia, cyanosis	Dr.V.Mahalakshamma
2	2-6-21 Wed	PY4.3	Describe the large intestinal movements, regulation and functions.	Dr.Y.Krishnaveni
3	3-6-21 Thu		Describe defecation reflex. Explain role of dietary fibre.	
4	4-6-21 Fri	PY6.4	Describe and discuss the physiology of high altitude ,Acclimatisation	Dr.V.Srinivasbabu
	5-6-21 Sat	PY6.4	Describe and discuss the physiology of deep sea diving ,decompression sickness and periodic breathing	Dr.P.Adilakshmi
6	7-6-21 Mon	PY4.5	Describe the source of GIT hormones, their regulation and functions.	Dr.V.Mahalakshamma
7	8-6-21 Tue	PY6.5 & 6.7	Describe and discuss the pathophysiology of asphyxia , lung function tests, artificial respiration	Dr.G.Jayaram
8	9-6-21 Wed	PY5.1	Describe the functional anatomy of heart including chambers, sounds, and pacemaker tissue and conducting system.	Dr.Y.Krishnaveni
9	10-6-21 Thu	PY8.6	Describe & differentiate the mechanism of action of steroid, protein and amine hormones.	Dr.V.Srinivasbabu
10	11-6-21 Fri			
11	12-6-21 Sat	PY5.2	Describe the properties of cardiac muscle including its morphology, electrical mechanical and metabolic functions.	Dr.Y.Krishnaveni
	14-6-21 Mon			
13	15-6-21 Tue	PY8.2	Describe the synthesis, secretion, transport, physiological actions, regulations and effect of altered (hypo and hyper) secretion of anterior pituitary gland.	Dr.P.Adilakshmi
14	16-6-21 Wed			
15	17-6-21 Thu			
16	18-6-21 Fri	PY5.3	Discuss the events occurring during the cardiac cycle.	Dr.V.Srinivasbabu
17	19-6-21 Sat	PY8.1	Describe the physiology of bone and calcium metabolism.	Dr.V.Mahalakshamma

18	21-6-21 Mon	PY8.1	Describe the physiology of bone and calcium metabolism.	Dr.V.Mahalakshmmamma
19	22-6-21 Tue			
20	23-6-21 Wed	PY5.5 PY5.6	Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis. Describe abnormal ECG, arrhythmias, heart block and myocardial infarction.	Dr.G.Jayaram
21	24-6-21 Thu			
22	25-6-21 Fri			
23	26-6-21 Sat	PY8.2	Describe the synthesis, secretion, transport , physiological actions, regulations and effect of altered (hypo and hyper) secretion of post pituitary gland	Dr.Krishnaveni
24	28-6-21 Mon			
25	29-6-21 Tue	PY8.2	Describe the synthesis, secretion, transport , physiological actions, regulations and effect of altered (hypo and hyper) secretion of thyroid gland	Dr.V.Srinivasbabu
	30-6-21 Wed			

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Academic section

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Dr.V.Mahalakshmmamma
Professor & HOD
Department of Physiology
Prof. & HOD Physiology
Nimra Institute of Medical Sciences
NIMS, Vijayawada (A.P.)
Ibrahimpatnam, Vijayawada (A.P.)

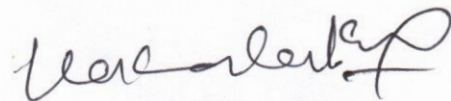
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DEAN 6/6/21
Nimra Institute of Medical Sciences
Nimra Nagar, Jupudi (V)
Ibrahimpatnam(M), Krishna Dist
A.P. Pin:-521 456

NIMRA INSTITUTE OF MEDICAL SCIENCES
PHYSIOLOGY DEPARTMENT
PRACTICAL SCHEDULE FOR THE MONTH OF JUNE 2021

S.No	Date & Time		Topics	Faculty
1.	1-6-21 Tue 2pm-4pm	First phase of student seminar –I	Muscles of Respiration Static and dynamic lung volumes Surfactant Functions of saliva Pharyngeal phase of deglutition Mechanism of HCl secretion Gastric emptying and factors influencing it	All faculty
2.	8-6-21	Student seminar – II	Compliance Respiratory membrane ODC Bohr effect, Haldane effect, chloride shift Enterohepatic circulation Functions of bile Haemolytic jaundice Hepatic jaundice Post hepatic jaundice	All faculty
3.	15-6-21	PY4.10	Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment	Dr.P.Adilakshmi
4.	22-6-21 29-6-21	PY3.18	Amphibian cardiac experiments	Dr.Y.Krishnaveni

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Dr. V. Mahalakshmi
Department of Physiology
Nimra Institute of Medical Sciences
Ibrahimpatnam, Vijayawada (A.P.)


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NIMRA INSTITUTE OF MEDICAL SCIENCES
PHYSIOLOGY DEPARTMENT
SYLLABUS FOR I - INTERNAL ASSESSMENT

Date :3-6-21

The following chapters are included for I - Internal assessment .

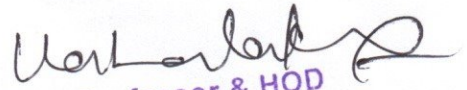
Tentative schedule will be notified soon .

1. General physiology
2. Haematology (Blood)
3. Nerve and muscle physiology
4. Gastrointestinal physiology
5. Respiratory physiology

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Dr. V. Mahalakshmi
Professor & HOD
Department of Physiology
Nimra Institute of Medical Sciences
Ibrahimpatnam, Vijayawada (A.P.)
NIMS


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NIMRA INSTITUTE OF MEDICAL SCIENCES
PHYSIOLOGY DEPARTMENT
SEMINAR TOPICS FOR THE MONTH OF JULY

Date 3-6-21

On July 6-7-21 (2pm-4pm)

1. Dorsal & Ventral group of respiratory neurons
2. Pontine centres
3. Factors effecting neural regulation
4. Peripheral chemoreceptors
5. Central chemoreceptors
6. Latch phenomenon
7. Plasticity
8. Gastrin, Secretin, CCK -Pz

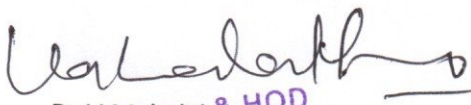
On July 20-7-21 (2pm-4pm)

1. Acclimatisation
2. N2 narcosis
3. Decompression sickness
4. Digestion of lipids
5. Migrating motor complex
6. Small intestinal movements
7. Role of dietary fibres
8. Differences between skeletal, cardiac and smooth muscle

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Dr. V. Mahalakshmi
Professor & HOD
Department of Physiology
Nimra Institute of Medical Sciences
Ibrahimpatnam, Vijayawada (A.P.)
NIMS


7/6/21
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Nimra Nagar, Jupudi (V)
Ibrahimpatnam(M), Krishna Dist
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NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF ANATOMY
THEORY SCHEDULE FOR THE MONTH OF JUNE, 2021
(BATCH 21-22)

S.No	Date & Day	Topic (9.30am -10.30am)	Faculty	Dissection & Histology (2pm-4pm)
1	01/06/2021 TUESDAY	Broncho pulmonary segments	Mr.V.Mahesh	
2	02/06/2021 WEDNESDAY	Embryology	Dean Dr.M.S.Farooqui	
3	03/06/2021 THURSDAY	External features of Heart Dissection	Dr.G.Aruna kumari	External features of Heart-Theory Dr.G.Aruna Kumari
4	04/06/2021 FRIDAY	Right Atrium of Heart Dissection	Dr.G.Aruna Kumari	Interior of Heart(Theory) Dr.G.Aruna Kumari
5	05/06/2021 SATURDAY	Interior of Heart Dissection	Dr.G.Aruna Kumari	Mediastinum (Theory) Mr.V.Mahesh
6	07/06/2021 MONDAY	Thoracic vertebrae Theory	A.Vasantha Lakshmi	Histology practical Mr.V.Mahesh. Dr.S.V.Satya Kumar
7	14/06/2021 SATURDAY	Blood supply of Heart	Dr.S.V.Satya Kumar	
8	15/06/2021 TUESDAY	Arygos venous system	Mr.V.Mahesh	
9	16/06/2021 WEDNESDAY	Tutorials Heart, Blood supply Arygos Venous System	Dr.S.V.Satya Kumar Mr.V.Mahesh A.Vasantha Lakshmi	
10	17/06/2021 THURSDAY	Oesophagus Trachea Superior Venacava	Dr.S.V.Satya Kumar	Arch of Aorta Phrenic .N Cardiac Plexus Mr.V.Mahesh
11	18/06/2021 FRIDAY	Joints of Thoracic Cage	A.Vasantha Lakshmi	Skeleton of the Heart Mr.V.Mahesh
12	19/06/2021 MONDAY	Sternum	Dr.S.V.Satya Kumar	Thoracic duct Rt.lymphatic duct Dr.S.V.Satya Kumar
13	21/06/2021 SATURDAY	Pericardium	Dr.G.Aruna Kumari	Histology Practicals Dr.S.V.Satya Kumar Mr.V.Mahesh
14	22/06/2021 TUESDAY	Introduction of Abdomen	Dr.G.Aruna Kumari	

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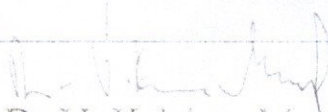
NIMRA NAGAR, JUPUDI, IBRAHIMPATNAM (MANDAL), KRISHNA (Dist)

DEPARTMENT OF BIOCHEMISTRY

Date: 27-05-2021

June Month Teaching Schedule

S.NO	Date	Time	Topic	Faculty
1)	1-6-21	12-1 PM	Niacin	Dr.Ratnamani
2)	2-6-21	10.45 AM- 11.45 AM	Pyridoxine	Dr.Ratnamani
3)	3-6-21	12-1 PM	Riboflavin	Mr.John Basha Shaik
4)	4-6-21	12-1 PM	Biotin, Pantothenic acid	Mr.John Basha Shaik
5)	5-6-21	12-1 PM	Vitamin E	Dr.T.Santhi
6)	7-6-21	12-1 PM	Vitamin K	Dr.T.Santhi
7)	8-6-21	12-1 PM	Folic acid	Dr.Ratnamani
8)	9-6-21	10.45 AM- 11.45 AM	Cobalamine, Vit Like compounds	Dr.Ratnamani
9)	10-6-21	12-1 PM	Vitamin C	Dr.Ratnamani
10)	11-6-21	12-1 PM	Digestion & Absorption of carbohydrates	Mr.John Basha Shaik
11)	12-6-21	12-1 PM	Digestion & Absorption of carbohydrates	Mr.John Basha Shaik
12)	14-6-21	12-1 PM	Glycolysis	Mr.John Basha Shaik
13)	15-6-21	12-1 PM	HMP shunt pathway	Dr.K.Balu Mahendran
14)	16-6-21	10.45 AM- 11.45 AM	Gluconeogenesis	Dr.K.Balu Mahendran
15)	17-6-21	12-1 PM	Glycogen Metabolism	Dr.T.Santhi
16)	18-6-21	12-1 PM	Glycogen Metabolism	Dr.T.Santhi
17)	19-6-21	12-1 PM	Glycogen storage diseases	Dr.T.Santhi
18)	21-6-21	12-1 PM	Uronic acid pathway	Dr.K.Balu Mahendran
19)	22-6-21	12-1 PM	Galactose and Fructose Metabolism	Dr.K.Balu Mahendran
20)	23-6-21	10.45 AM- 11.45 AM	Blood glucose Homeostasis	Dr.T.Santhi
21)	24-6-21	12-1 PM	Blood glucose Homeostasis	Dr.T.Santhi
22)	25-6-21	12-1 PM	Blood glucose Homeostasis	Dr.T.Santhi
23)	26-6-21	12-1 PM	Free radicals and Antioxidants	Dr.V.Krishna Murthy
24)	28-6-21	12-1 PM	Free radicals and Antioxidants	Dr.V.Krishna Murthy
25)	29-6-21	12-1 PM	Free radicals and Antioxidants	Dr.V.Krishna Murthy
26)	30-6-21	10.45 AM- 11.45 AM	Digestion & Absorption of Lipids	Dr.K.Balu Mahendran


Dr. V. Krishna Murthy

Professor & HOD