

PHY/ Acad/ 449/ 04.07.2022

GVP INSTITUTE OF HEALTHCARE AND MEDICAL TECHNOLOGY
DEPARTMENT OF PHYSIOLOGY

THEORY - TEACHING SCHEDULE FOR JULY 2022

Date	Time	Topic	Faculty
1-Jul-22	9.00 - 11.00 am	ECG team based learning and ECG calculations	All faculty
1-Jul-22	2.45 - 3.30 pm	PY 5.15 Cardiovascular autonomic function tests	Dr. M. Sandhya
2-Jul-22	9.00 - 11.00 am	AETCOM	All faculty
3-Jul-22	3.00 - 4.00 pm	AETCOM	All faculty
4-Jul-22	10.00am-1.00pm	1st internal Assessment examination	All faculty
5-Jul-22	10.00am-1.00pm		
6-Jul-22	10.00am-1.00pm		
7-Jul-22	10.00 - 11.00 am	PY 11.13 Obtain the history and perform the general examination in the volunteer / simulated environment	Prof. Dr. A.V. Suresh Babu
8-Jul-22	9.00 - 10.00 am	PY 6.1 Describe the functional anatomy of Respiratory tract	Dr. M. Sandhya
8-Jul-22	10.00 - 11.00 am	PY 6.2.1 Describe the mechanics of normal respiration, pressure changes during inspiration	Dr. G. Himavathy
8-Jul-22	2.45 - 3.30 pm	PY 11.12 Describe the physiological effects of meditation	Mr. S. Jayabalakrishnan
9-Jul-22	9.00 - 10.00 am	PY 6.2.2 Describe alveolar surface tension, compliance and airway resistance	Dr. G. Himavathy
9-Jul-22	10.00 - 11.00 am	PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer or simulated environment	Mr. S. Jayabalakrishnan
9-Jul-22	3.00 - 4.00 pm	PY 4.1 Describe the structure and function of digestive system	Dr. M. Sandhya

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11-Jul-22	9.00 - 10.00 am	PY 6.2.3 Describe and discuss lung volume and capacities + PY 6.7 Describe and discuss lung function tests and their clinical significance + PY 6.10 Demonstrate the correct technique to perform and measurement of peak expiratory flow rate in a volunteer	Dr. G. Himavathy
11-Jul-22	10.00 - 11.00 am	PY 6.2.4 Describe and discuss diffusion capacity of gases	Mr. S. Jayabalakrishnan
12-Jul-22	4.00 - 5.00 pm	PY 6.8 Demonstrate the correct technique to perform and interpret Spirometry	Dr. M. Sandhya
13-Jul-22	9.00 - 10.00 am	PY 6.2.5 Describe and discuss ventilation and V/P ratio	Mr. S. Jayabalakrishnan
13-Jul-22	10.00 - 11.00 am	PY 5.15 Demonstrate the correct clinical examination of respiratory system in a normal volunteer or simulated environment	Dr. G. Himavathy
14-Jul-22	10.00 - 11.00 am	PY 4.5 Describe the source of GIT hormones, their regulation and functions - Part 1	Prof Dr. M. Syamala devi
15-Jul-22	9.00 - 10.00 am	PY 4.5 Describe the source of GIT hormones, their regulation and functions - Part 2	Prof Dr. M. Syamala devi
15-Jul-22	10.00 - 11.00 am	PY 4.2.1 Describe the composition, mechanism of secretion, functions and regulation of Saliva secretion	Prof. Dr. A.V. Suresh Babu
15-Jul-22	2.45 - 3.30 pm	PY 5.10.6 Describe and discuss pulmonary circulation	Mr. S. Jayabalakrishnan
16-Jul-22	9.00 - 10.00 am	PY 4.2.2 Describe the composition, mechanism of secretion, functions and regulation of Gastric secretion	Dr. G. Himavathy

16-Jul-22	10.00 - 11.00 am	PY 4.2.3 Describe the composition, mechanism of secretion, functions and regulation of pancreatic secretion + PY 4.8.2 Describe and discuss pancreatic function tests	Prof. Dr. A. V. Suresh Babu
16-Jul-22	3.00 - 4.00 pm	ECG team based learning and ECG calculations	All faculty
19-Jul-22	4.00 - 5.00 pm	PY 6.3 Describe and discuss the transport of Oxygen - Part 1	Dr. M. Sandhya
20-Jul-22	9.00 - 10.00 am	PY 4.2.5 Describe the composition, mechanism of secretion, functions and regulation of bile secretion + PY 4.7 Describe and discuss the structure and function of liver and gall bladder - Part 1	Mr. S. Jayabalakrishnan
20-Jul-22	10.00 - 11.00 am	PY 6.3 Describe and discuss the transport of Oxygen - Part 2	Dr. M. Sandhya
21-Jul-22	10.00 - 11.00 am	PY 6.3 Describe and discuss the transport of Carbon dioxide - Part 2	Dr. M. Sandhya
22-Jul-22	9.00 - 10.00 am	PY 4.8.3 Describe and discuss liver function tests	Mr. S. Jayabalakrishnan
22-Jul-22	10.00 - 11.00 am	PY 6.0 Describe the neural regulation of respiration	Prof Dr. M. Syamala devi
22-Jul-22	2.45 - 3.30 pm	PY 4.2.4 Describe the composition, mechanism of secretion, functions and regulation of intestinal juices	Dr. M. Sandhya
23-Jul-22	9.00 - 10.00 am	PY 4.10 Demonstrate the correct clinical examination of abdomen in a normal volunteer or simulated environment	Dr. G. Himavathy
23-Jul-22	10.00 - 11.00 am	PY 4.3.1 Describe mastication and deglutition	Mr. S. Jayabalakrishnan

23-Jul-22	3.00 - 4.00 pm	PY 4.3.2 Describe the movements of stomach	Prof. Dr. A.V. Suresh Babu
26-Jul-22	4.00 - 5.00 pm	PY 4.8.1 Describe and discuss gastric function tests + PY 4.9.1 Discuss the physiology aspects of peptic ulcer and gastro-oesophageal reflux disease	Dr. G. Himavathy
27-Jul-22	9.00 - 10.00 am	PY 6.0 Describe the chemical regulation of respiration	Prof Dr. M. Syamala devi
27-Jul-22	10.00 - 11.00 am	PY 6.4.1 Describe and discuss the physiology of high altitude - part 1	Prof. Dr. A.V. Suresh Babu
28-Jul-22	10.00 - 11.00 am	PY 11.8 Describe cardiorespiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold) - part 1	Prof Dr. M. Syamala devi
29-Jul-22	9.00 - 10.00 am	PY 11.8 Describe cardiorespiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold) - part 2	Prof Dr. M. Syamala devi
29-Jul-22	10.00 - 11.00 am	PY 6.4.1 Describe and discuss the physiology of high altitude - part 2 + PY 6.5.1 Describe and discuss acclimatization	Prof. Dr. A.V. Suresh Babu
29-Jul-22	2.45 - 3.30 pm	PY 6.6.1 Describe the pathophysiology of Dyspnoea, Hypoxia and cyanosis	Mr. S. Jayabalakrishnan
30-Jul-22	9.00 - 10.00 am	PY 6.4.2 Describe and discuss the physiology of deep sea diving + PY 6.5.2 Describe and discuss decompression sickness	Prof. Dr. A.V. Suresh Babu

30-Jul-22	10.00 - 11.00 am	Exercise Stress testing and Harvard step test	Dr. G. Himavathy
30-Jul-22	3.00 - 4.00 pm	<i>PY 6.6.2</i> Describe the pathophysiology of asphyxia, drowning and periodic breathing	Mr. S. Jayabalakrishnan

Mr. S. Jayabalakrishnan

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Department of Physiology,

Gayathri Vidyapeetham

Institute of Healthcare and Medical Technology

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PRACTICALS - TEACHING SCHEDULE FOR JULY 2022

Date	Batch	Time	Topic	Faculty
1-Jul-22	B	11.15 am - 1.15 pm	PY 3.14 Ergography	Dr. M. Sandhya & others
2-Jul-22	A	11.15 am - 1.15 pm	Revision of Pulse and BP	All faculty
4-Jul-22	B	11.15 am - 1.15 pm	1st internal Assessment examination	All faculty
5-Jul-22	A	11.15 am - 1.15 pm		
6-Jul-22	C	11.15 am - 1.15 pm		
7-Jul-22	B	11.15 am - 1.15 pm	PY 11.13 Obtain the history and perform the general examination in the volunteer / simulated environment	Prof. Dr. A. V. Suresh Babu & others
8-Jul-22	A	11.15 am - 1.15 pm	"	"
9-Jul-22	C	11.15 am - 1.15 pm	"	"
11-Jul-22	B	11.15 am - 1.15 pm	PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer or simulated environment	Mr. S. Jayabalakrishnan
12-Jul-22	A	11.15 am - 1.15 pm	"	"
13-Jul-22	C	11.15 am - 1.15 pm	"	"
14-Jul-22	B	11.15 am - 1.15 pm	PY 5.15 Demonstrate the correct clinical examination of respiratory system in a normal volunteer or simulated environment	Dr. G. Himavathy & others
15-Jul-22	A	11.15 am - 1.15 pm	"	"

16-Jul-22	C	11.15 am - 1.15 pm	"	"	"
18-Jul-22	B	11.15 am - 1.15 pm	Revision of clinical examination of CVS & RS		All faculty
19-Jul-22	A	11.15 am - 1.15 pm	"	"	"
20-Jul-22	C	11.15 am - 1.15 pm	"	"	"
			PY 6.8 Demonstrate the correct technique to perform and interpret Spirometry + PY 6.10 Demonstrate the correct technique to perform and measurement of peak expiratory flow rate in a volunteer or simulated environment		Dr. M. Sandhya & others
21-Jul-22	B	11.15 am - 1.15 pm	"	"	"
22-Jul-22	A	11.15 am - 1.15 pm	"	"	"
23-Jul-22	C	11.15 am - 1.15 pm	"	"	"
			PY 4.10 Demonstrate the correct clinical examination of abdomen in a normal volunteer or simulated environment		Dr. G. Himavathy & others
25-Jul-22	B	11.15 am - 1.15 pm	"	"	"
26-Jul-22	A	11.15 am - 1.15 pm	"	"	"
27-Jul-22	C	11.15 am - 1.15 pm	"	"	"
			Demonstration of esophageal endoscopy+ spirometry		Prof. Dr. A.V. Suresh Babu & others
28-Jul-22	B	11.15 am - 1.15 pm	"	"	"
29-Jul-22	A	11.15 am - 1.15 pm	"	"	"
30-Jul-22	C	11.15 am - 1.15 pm	"	"	"


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