



VINAYAKA MISSION'S
**KIRUPANANDA VARIYAR
 MEDICAL COLLEGE & HOSPITALS**

Department of Physiology

I MBBS (20-21) Theory Schedule for the month of June 2021

DATE/DAY	TIME	TOPIC	Staff/Sign	Teaching Method	Teaching mode
1.6.21/Tue	9 - 10	SGT - 6.6 Dyspnea, cyanosis, asphyxia, drowning and periodic breathing	All staff	Small group teaching	Zoom
	2 - 4	PY 5.12 - Demo - Effect of exercise on blood pressure (B)	Mr. Syed	DOAP	Video demonstration
2.6.21/Wed	8 - 9	TH PY 8.2 Hypothalamus, hypothalamo-hypophyseal axis, pituitary gland	Mr. Syed	Lecture	CAMU
	10.15-11.15	Tutorials – Regulation of respiration	All staff	Group discussion	Zoom
	2 - 4	PY 5.12 - Demo - Effect of exercise on blood pressure (C)	Mr. Syed	DOAP	Video demonstration
3.6.21/Thur	8 - 9	TH PY 8.2 Growth hormone	Dr. S. Waheeda	Lecture	Zoom
	2-4	PY 5.12 - Demo - Effect of exercise on blood pressure (A)	Mr. Syed	DOAP	Video demonstration
4.6.21/Fri	9 – 10	TH PY 8.2 Thyroid hormone – Functional anatomy of gland, Secretions, Biosynthesis of hormones.	Dr. V. Suganthi	Lecture	CAMU
5.6.21/Sat	9 - 10	SGT PY 8.2 Posterior pituitary hormones	All staff	Small group teaching	Zoom
	2 - 4	AETCOM – What does it mean to be a patient, Session II	Dr. S. Waheeda	Interactive session	Zoom
7.6.21/Mon	9 – 10	TH PY 8.2 Thyroid hormone – Transport, metabolism, regulation of secretion and actions	Dr. S. Waheeda	Lecture	Zoom
	10.15-11.15	Tutorials – High altitude and deep-sea physiology	All staff	Group discussion	Zoom
	2 - 5	PY 6.10 Demo - Stethography (A+B+C)	Dr. S. Waheeda	Demonstration	Video demonstration
8.6.21/Tues	9 - 10	SDL 6.7 Lung function tests and artificial respiration	All staff	Self-study	Assignments
	2 - 4	Revision – Effect of Posture and exercise on BP (B)	All staff	Demonstration	Video demonstration

9.6.21/Wed	8 – 9	TH PY 8.1 Bone and calcium metabolism	Dr. Sheela	Lecture	CAMU
	10.15-11.15	Tutorials – Mechanism of actions of hormones, hypothalamo-hypophyseal axis	All staff	Group discussion	Zoom
	2 - 4	Revision – Effect of Posture and exercise on BP (C)	All staff	DOAP	Video demonstration
10.6.21/Thur	8 - 9	TH PY 8.2 Adrenal cortex – Functional anatomy, secretions, synthesis of glucocorticoids	Dr. V. Suganthi	Lecture	CAMU
	2 - 4	Revision – Effect of Posture and exercise on BP (A)	All staff	DOAP	Video demonstration
11.6.21/Fri	9 - 10	TH PY 8.2 Adrenal cortex – Transport, metabolism and actions of Glucocorticoids	Dr. V. Suganthi	Lecture	CAMU
14.6.21/Mon	9 - 10	TH PY 8.2 Adrenal cortex – Synthesis and actions of Aldosterone	Dr. V. Suganthi	Lecture	CAMU
	10.15-11.15	FA (Class test)	All staff	Small groups	Zoom
	2 - 5	PY 5.13 Demo – Examination of CVS (A+B+C)	Dr. Shriram	Demonstration	Video demonstration
15.6.21/Tues	9 - 10	SGT PY 8.2 Thyroid hormone – Thyroid function tests and applied aspects	All staff	Small group teaching	Zoom
	2 - 4	PY 5.15 - Revision - Examination of CVS (B)	All staff	DOAP	Video demonstration
16.6.21/Wed	8 - 9	TH PY 8.2 Adrenal cortex – Adrenal androgens, Applied aspects of Glucocorticoids, mineralocorticoids and androgens	Dr. V. Suganthi	Lecture	CAMU
	10.15-11.15	IGL - Physiology of growth (Nesting)	Mr. Syed	Interactive & Integrated lecture	CAMU
	2 - 4	PY 5.15 - Revision - Examination of CVS (C)	All staff	DOAP	Video demonstration
17.6.21/Thur	8 - 9	TH PY 8.2 Adrenal medulla	Dr. S. Waheeda	Lecture	Zoom
	2 - 4	PY 5.15 – Revision - Examination of CVS (A)	All staff	DOAP	Video demonstration
18.6.21/Fri	9 - 10	TH PY 8.2 Endocrine pancreas I	Mr. Syed	Lecture	CAMU
19.6.21/Sat	9 - 10	SGT – Diabetes mellitus	All staff	Small group teaching	Online
	10.15 – 1.15	ECE - Case discussion - Thyroid, pituitary & adrenal disorders	Mrs. Pratima		CAMU

	2 - 4	AETCOM - What does it mean to be a patient? Session III (SDL)	Dr. V. Suganthi	Online movie, reflective writing	CAMU/GCR
21.6.21/Mon	9 - 10	TH PY 8.2 Endocrine pancreas II	Mr. Syed	Lecture	CAMU
	10.15 – 11.15	Tutorials – Pituitary hormones	All staff	Group discussion/ Assignment	Zoom/GCR
	2 - 5	PY 6.9 - Demo - Examination of RS (A+B+C)	Dr. V. Suganthi	DOAP	Video demonstration
22.6.21/Tues	9 - 10	SDL PY 8.3 Thymus and pineal gland	All staff	Self-study	Assignment in GCR
	2 - 4	PY 6.9 - Revision - Examination of RS (B)	All staff	DOAP	Video demonstration
23.6.21/Wed	8 - 9	PY TH Endocrine functions of heart, kidney and local hormones	Mrs. Pratima	Lecture	CAMU
	10.15 – 11.15	Tutorials – Thyroid hormones	All staff	Group discussion	Online
	2 - 4	PY 6.9 - Revision - Examination of RS (C)	All staff	DOAP	Video demonstration
24.6.21/Thur	8 - 9	TH PY 11.4 - Cardiorespiratory changes during exercise	Mrs. Pratima	Lecture	CAMU
	2 - 4	PY 6.9 - Revision - Examination of RS (A)	All staff	DOAP	Video demonstration
25.6.21/Fri	9 - 10	TH PY 9.1 Introduction to reproductive system. Sex determination differentiation	Mrs. Pratima	Lecture	CAMU
	2 - 3	PY 11.5, SGT - Physiological consequences of sedentary lifestyle	Dr. V. Suganthi	Small group teaching	CAMU
	3 - 4	PY 11.8, SGT - Effect of types of exercise & comparison of resting and exercise in hot & cold environment	Mr. Syed	Small group teaching	CAMU
28.6.21/Mon	9 - 10	TH PY 9.2, 9.11 Puberty and applied aspects, menopause	Dr. Sheela	Lecture	CAMU
	10.15 – 11.15	Tutorials – Adrenal cortical hormones	All staff	Small group teaching	Zoom
	2 - 5	PY 3.14 - Demo - Ergography (A+B+C)	Mrs. Pratima	Demonstration	Video demonstration
29.6.21/Tue		SGT PY 8.5 Obesity and metabolic syndrome	All staff	Small group teaching	Zoom

	2 - 4	Revision – Examination of CVS & RS (B)	All staff	DOAP	Video demonstration
30.6.21/Wed	8 - 9	PY TH 9.3 Male reproductive system	Dr. Sheela	Lecture	CAMU
	10.15 – 11.15	IGL PY 8.4 Function tests- thyroid, adrenal gland (Sharing)/ Biochemistry dept	Dr. Sheela	Interactive lecture	CAMU
	2 - 4	Revision – Examination of CVS & RS (C)	All staff	DOAP	Video demonstration

Total theory classes – 17

- Dr. V. Suganthi – 5
- All other faculty (Except Dr. Shriram & Dr. Nidhiya) – 3 each

8 am classes – 9

- Dr. V. Suganthi – 1
- All other faculty – 2 each

SGT (2 individual classes – Integrated topics – 25.6.21)

- PY 11.5 – Dr. V. Suganthi
- PY 11.8 – Mr. Syed

Practical Demo – 6

- Each faculty (other than Dr. V. S) – Each one (Dr. Shriram & Dr. Nidhiya to select first)

ECE – 1

- Mrs. Pratima & Dr. Nidhiya Priya

AETCOM – 2

- Dr. V. Suganthi & Dr. Waheeda – Each one

IGL – 2

- Dr. Sheela & Mr. Syed – Each one

Other SGTs, SDL, Tutorials and class test to be conducted in small groups.

