

CHETTINAD DENTAL COLLEGE AND RESEARCH INSTITUTE DEPARTMENT OF PHYSIOLOGY 04.05.2020-09.05.2020

S. NO	DATE	TIMING	LECTURE TOPIC	FACULTY	NUMBER OF STUDENTS PARTICIPATED
1.	04.05.2020	1:45-2:45PM	CONTRACEPTIVES IN MALE AND FEMALE INFERTILITY IN MALE AND FEMALE	DR.BASHA	88
2.	06.05.2020	1-2PM	FUNCTIONAL ANATOMY OF NERVOUS SYSTEM NEURON- STRUCTURE, TYPE, PROPERTY DIFFERENCE BETWEEN UPPER	DR. MEENA	85

			AND LOWER MOTOR NEURON DISEASE		
3.	06.05.2020	2:45-4PM	DISCUSSION OF REVIEW QUESTIONS IN REPRODUCTIVE SYSTEM	DR.KHALEEL	74
4.	07.05.2020	12:15-1:15PM	NEUROGLIAL CELLS -TYPES, FUNCTIONS	DR.REMYA	90
5.	08.05.2020	1:45-3PM	SYNAPSE-	DR. KHALEEL	90

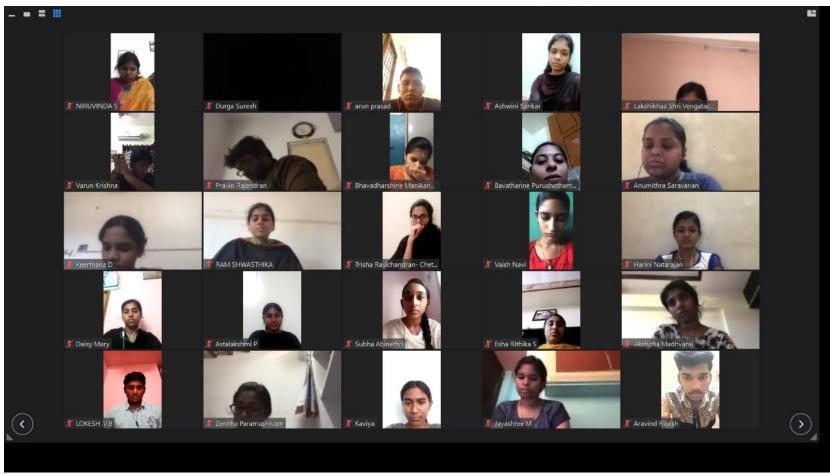
5.	08.05.2020	1:45-3PM	SYNAPSE-	DR. KHALEEL	90
			STRUCTURE AND		
			PROPERTY		
			IMPULSE		
			TRANSMISSION		
			ACROSS A SYNAPSE -		
			PROPERTIES		



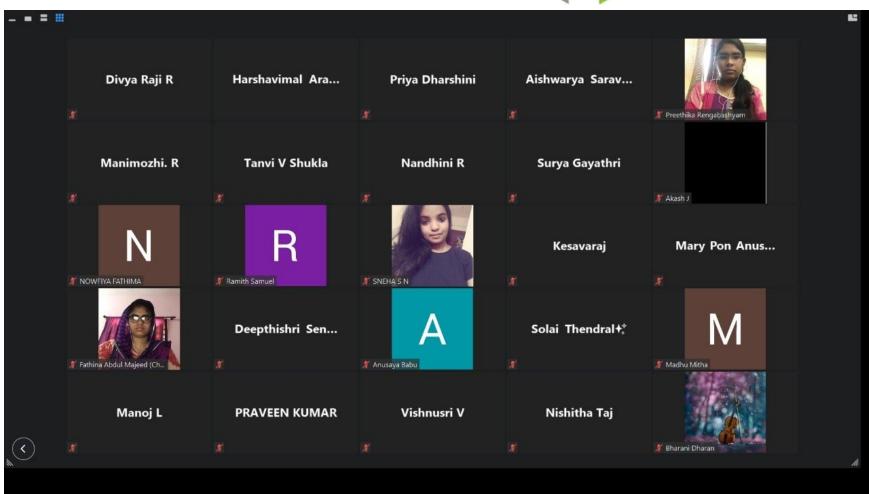
CHETTINAD DENTAL COLLEGE AND RESEARCH INSTITUTE DEPARTMENT OF PHYSIOLOGY

	ECLASS
ТОРІС	CONTRACEPTIVES IN MALE AMD FEMALE INFERTILITY IN MALE AND FEMALE
PRESENTER	DR. BASHA
DEPARTMENT	DEPARTMENT OF PHYSIOLOGY
DATE	04.05.2020
ZOOM ID AND PASSWORD	Meeting ID :433 895 2859 Password:416995
CLASS TIMING	1:45-2:45PM
TOTAL STRENGTH	100 STUDENTS
NUMBER OF STUDENTS ATTENDED	88

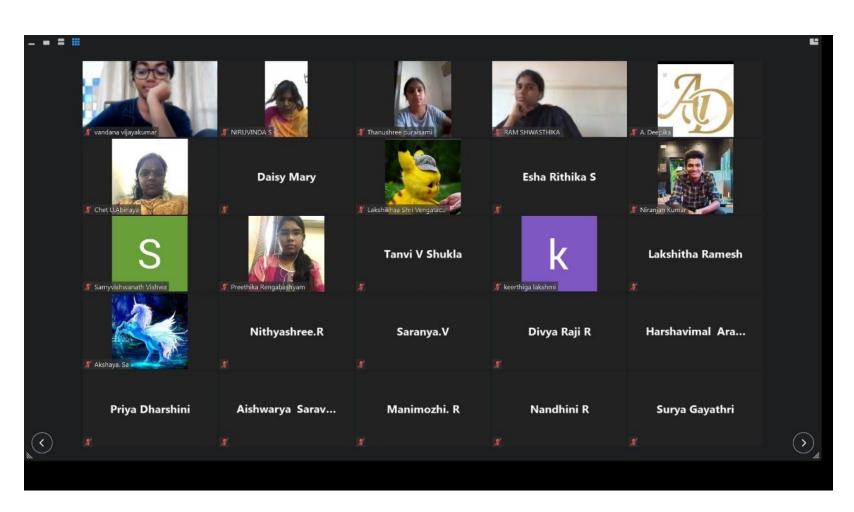




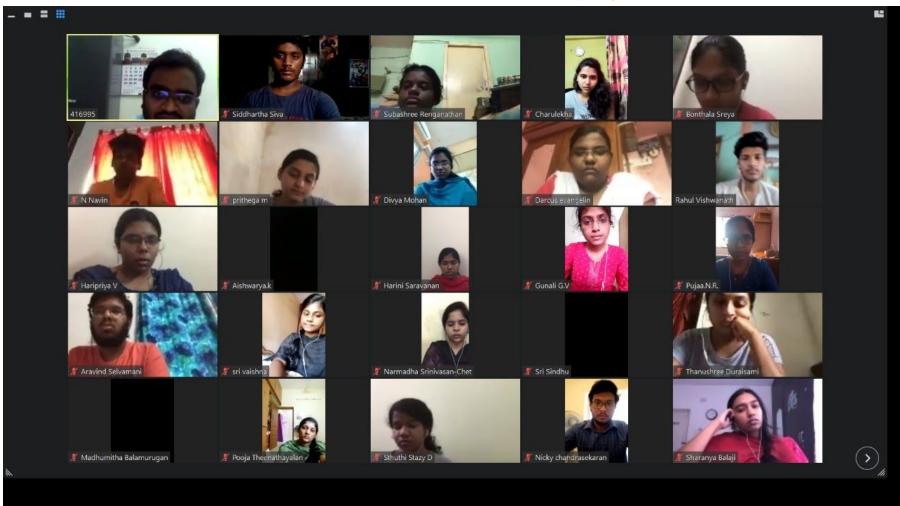












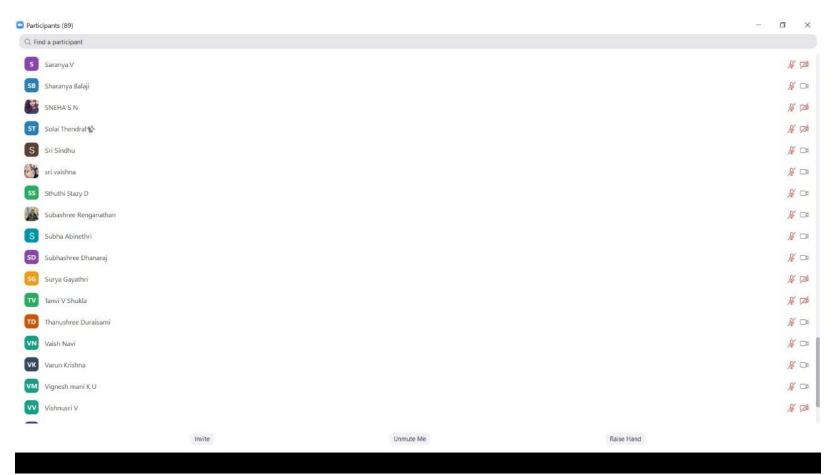




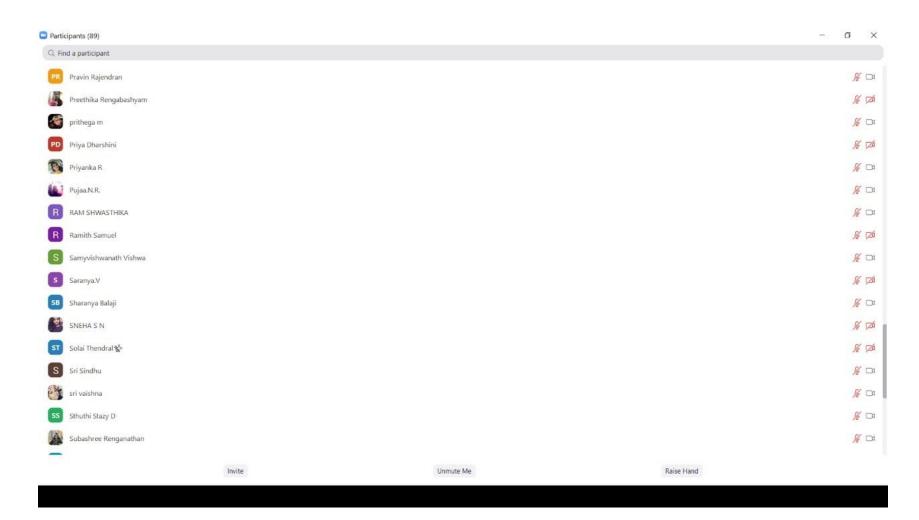




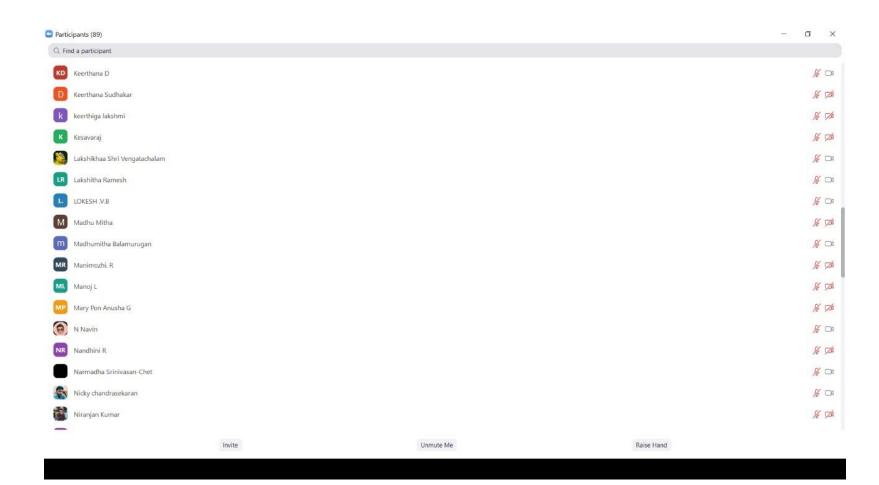








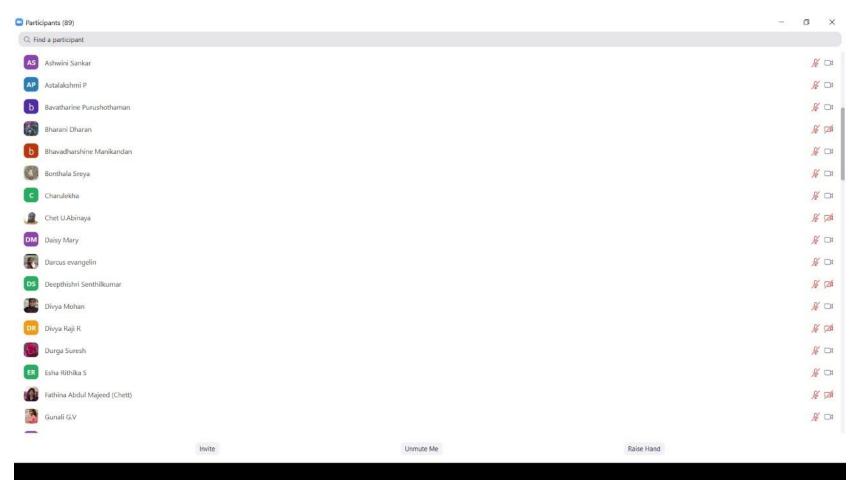




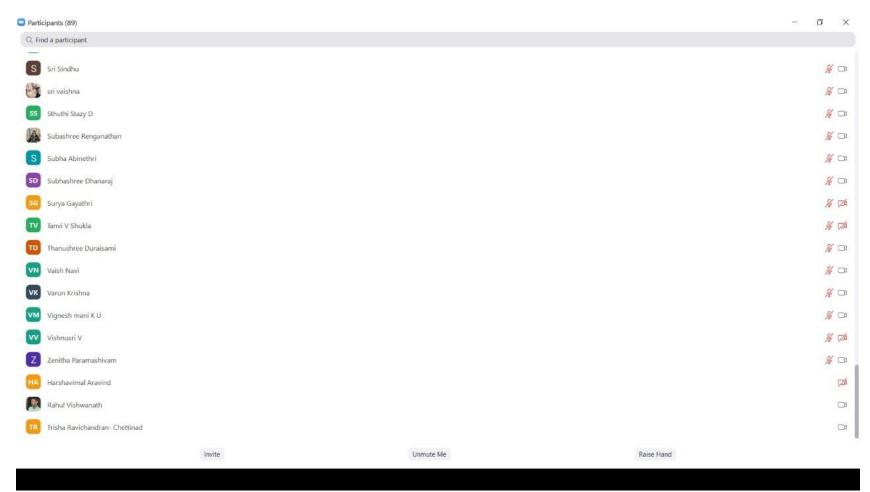












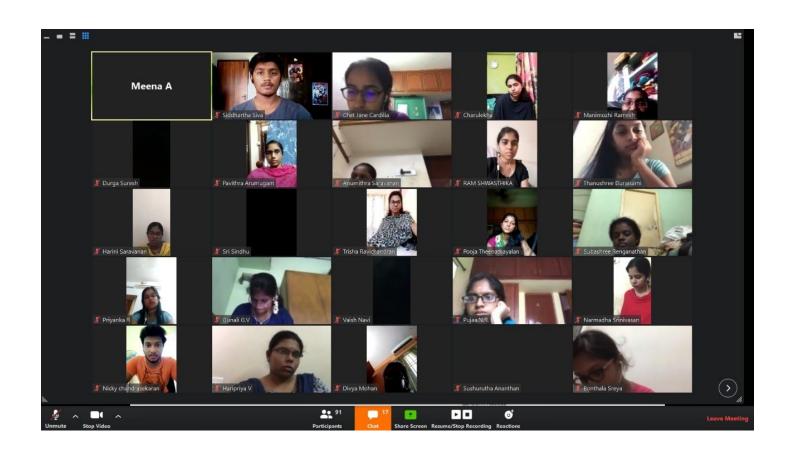


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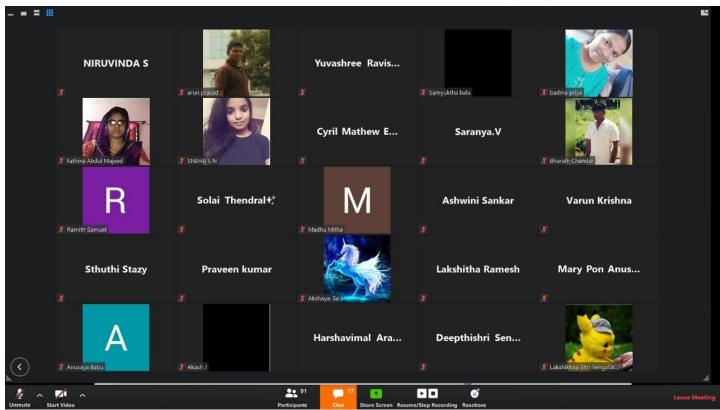
	ECLASS
ТОРІС	FUNCTIONAL ANATOMY OF NERVOUS SYSTEM NEURONS-STRUCTURE, TYPE AND PROPERTY DIFFERENCE BETWEEN UPPER MOTOR AND LOWER MOTOR NEURON DISEASE
PRESENTER	DR. MEENA
DEPARTMENT	DEPARTMENT OF PHYSIOLOGY
DATE	06.05.2020
CLASS TIMING	1-2PM
ZOOM ID AND PASSWORD	433 895 2859,416995
TOTAL STRENGTH	100 STUDENTS
NUMBER OF STUDENTS ATTENDED	85



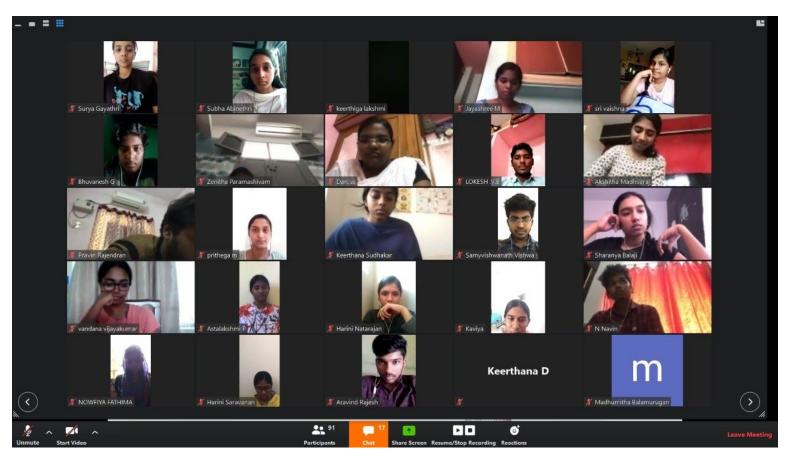
VIDEO TILES



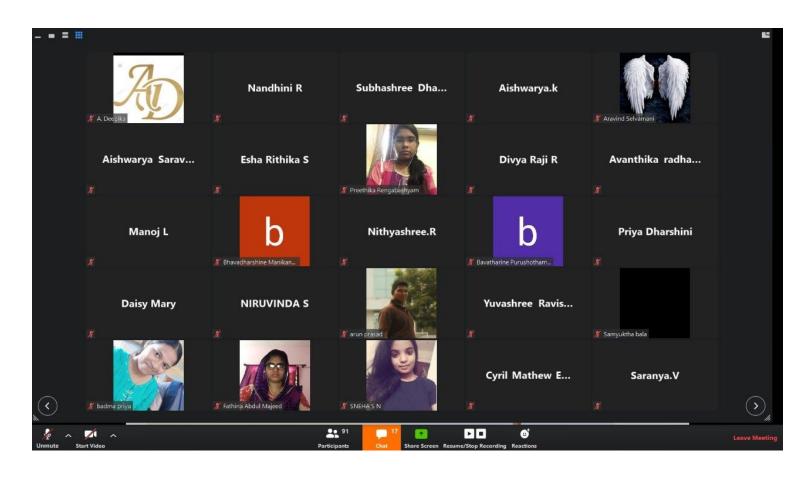




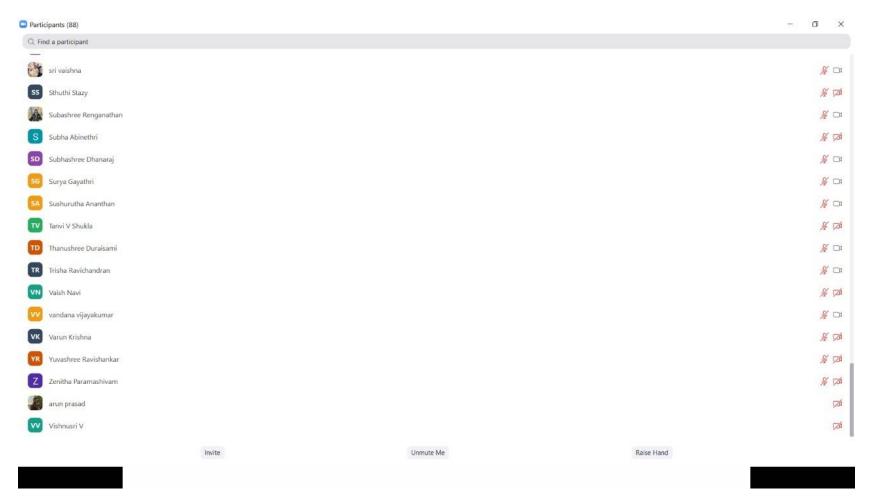




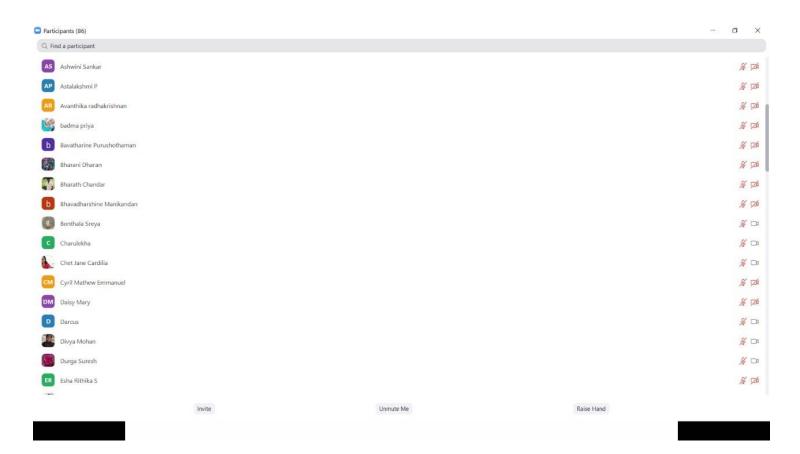




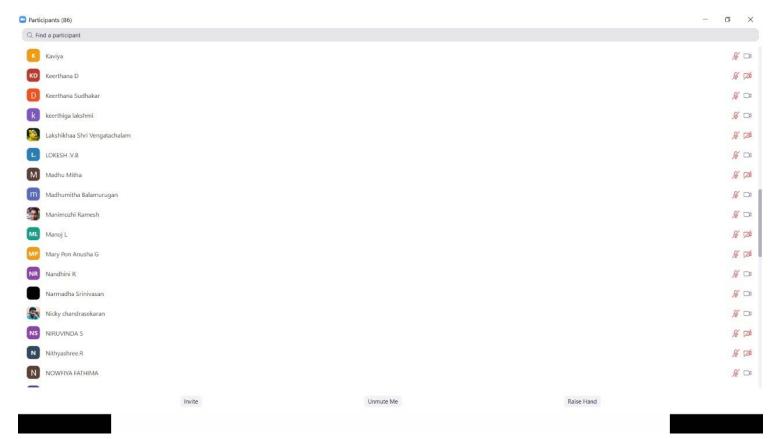




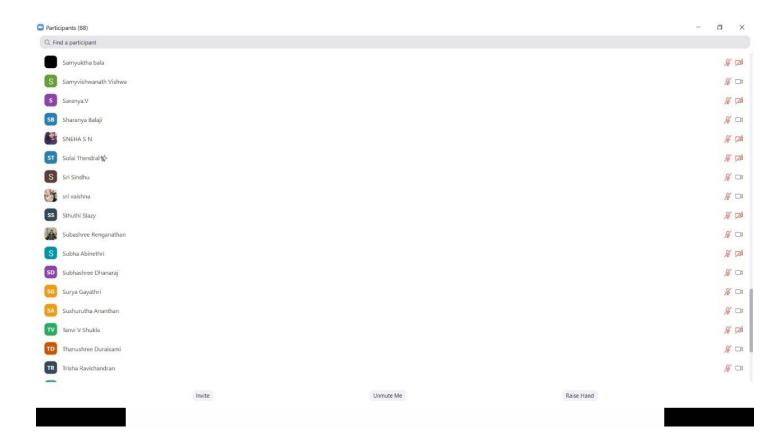




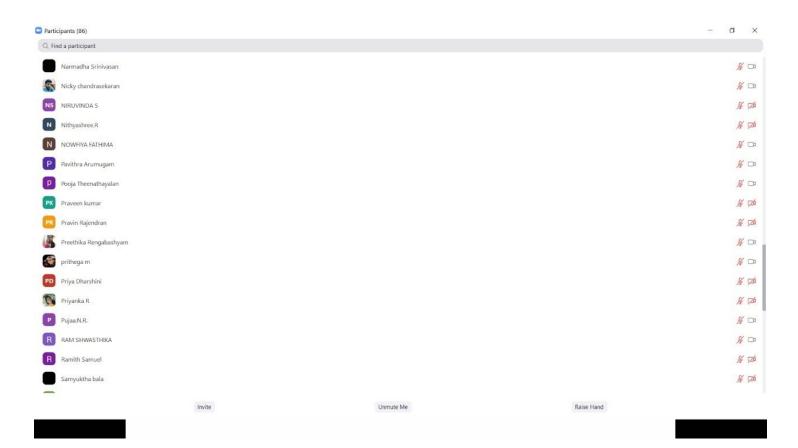




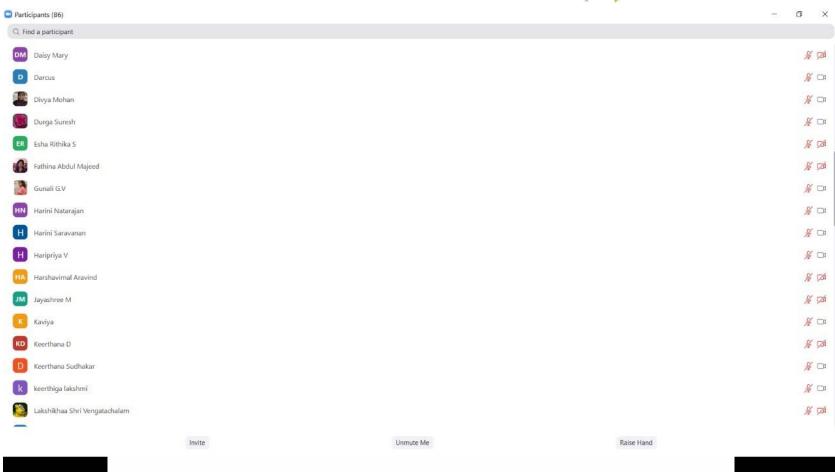




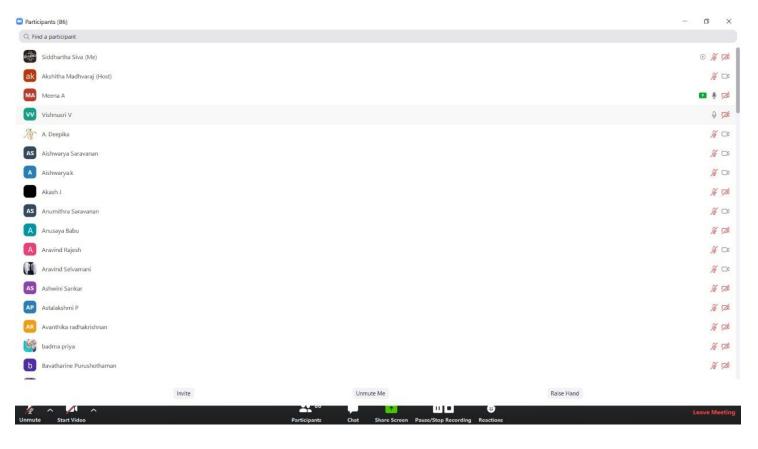














CHETTINAD DENTAL COLLEGE AND RESEARCH INSTITUTE DEPARTMENT OF PHYSIOLOGY

	ECLASS
TOPIC	DISCUSSION OF REVIEW QUESTIONS OF REPRODUCTIVE SYSTEM
PRESENTER	DR. KHALEEL
DEPARTMENT	DEPARTMENT OF PHYSIOLOGY
DATE	06.05.2020
ZOOM ID AND PASSWORD	4338952859,416995
CLASS TIMING	2:45-4PM
TOTAL STRENGTH	100 STUDENTS
NUMBER OF STUDENTS ATTENDED	74
QUESTIONS INCLUDED	YES



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Review - Rep...tive system

Review - REPRODUCTIVE SYSTEM

- 1. Mention the names of the mature male and female gametes. 351
- 2. What are the stages of sex differentiation? 351
- 3. What is meant by gonadogenesis? 352
- 4. What does it mean by bipotential gonads? 352
- 5. Mention which chromosome plays a key role in the process of testicular differentiation. 352.
- 6. Mention upto how many weeks bipotential gonads are identical. 352
- 7. Mention the name of the gene responsible for testis differentiation. 352
- 8. Mention the gene which encodes the testis determining factor? 352
- 9. What is the role of testis determining factor gene product? 352
- 10. What is meant by genetic differentiation? 352
- 11. Mention how differentiation of internal genitalia occurs. 352
- 12. What does it mean by adrenarche? 355
- 13. What is meant by precocious puberty? 355
- 14. What is the cause for delayed puberty? 355
- 15. Name the primary sex glands in male? 357
- 16. What is the function of epididymis? 357
- 17. What is the function of vasdeferens? 357
- 18. What is the role of scrotum in spermatogenesis? 357
- 19. Mention the other names of spermatogenic cells and sertoli cells. 358
- 20. What are the secretory functions of sertoli cells? 359
- 21. Mention the other functions attributed to sertoli cells. 358, 359
- 22. What are the principal functions of testes? 359
- 23. Define spermatogenesis? 359
- 24. What are the stages of spermatogenesis? 359
- 25. What is the average volume of semen per ejaculation? 359

26. What is the normal sperm count? 359







- 26. What is the normal sperm count? 359
- 27. What is blood testis barrier? 359
- 28. What are the functions subserved by seminal vesicle secretions? 360
- 29. What are the functions subserved by prostatic fluid? 360
- 30. Mention the endocrine functions of testes. 361
- 31. What are the plasma proteins which transport testosterone in blood? 361
- 32. What is the effect of testosterone and oestrogen on erythropoiesis? 361, -
- 33. What are the functions of testosterone in fetal life? 361
- 34. Mention the functions of androgens in adults. 361
- 35. Mention how anterior pituitary gland regulates the spermatogenesis. 362
- 36. Mention how spermatogenesis is regulated by negative feedback mechanism. 362
- 37. Which hormone inhibits the release of gonadotrophin releasing hormone from hypothalamus? 362
- 38. Mention the layers of uterus. 363
- 39. Mention two principal functions of ovaries. 364
- 40. Define oogenesis? 365
- 41. Mention the names of naturally occurring oestrogens. 365
- 42. Mention the sites of secretion of oestrogen. 365
- 43. What is meant by oestrogen surge? 365
- 44. Mention the functions of oestrogens. 366
- 45. Mention the site of secretion of progesterone. 366
- 46. Mention the functions of progesterone. 367
- 47. Name the female sex hormone known as thermogenic steroid. 367
- 48. What does it mean by menarche and menopause? 367
- 49. Mention the phases of ovarian cycle? 367
- 50. What is the reason for increase in body temperature during ovulation? 367
- 51. Define ovulation? 367
- 52. Mention the phases of menstrual cycle? 368
- Mention the phase of endometrial cycle during which there is decline in oestrogen and progesterone levels. 368.
- 54. What is the other name of gonadotrophin releasing hormone? 369
- 55. Mention the role of prolactin and activin in control of female sexual cycle. 369



- 55. Mention the role of prolactin and activin in control of female sexual cycle. 369
- 56. What is meant by fertilization and where it occurs? 371
- 57. What is meant by sperm capacitation? 371
- 58. What is the temporary organ formed during pregnancy? 372
- 59. Mention the functions of placenta. 372
- 60. What are the hormones secreted by placenta.372
- 61. Mention the site of secretion of human chorionic gonadotrophin (HCG). 372
- 62. What are the physiological actions of HCG? 373
- 63. What is the clinical importance of HCG? 373
- Name the placental hormones which resemble the growth hormone and thyroid stimulating hormone.
- 65. Mention the physiological effects of placental oestrogen and progesterone.373
- 66. What is fetoplacental unit (FPU)? 373
- 67. Which hormone placental concentration reflects the functional activity of FPU? 373
- 68. What is the main source of progesterone during pregnancy? 373
- 69. What is the first sign of pregnancy in an adult healthy woman? 374
- 70. Mention the procedure of gravindex test. 375
- 71. What is the average duration of pregnancy? 375
- 72. Mention the cause for hemodilution, glycosuria during the pregnancy period.375, 37
- 73. Which hormone plays an important role in maintenance of pregnancy, during parturition?366
- 74. What is meant by parturition? 376
- 75. What is ferguson reflex? 377
- 76. What does it meant by mammogenesis, lactogenesis, galactokinesis, and

galactopoiesis? 37

- 77. Mention the other names of suckling reflex. 379
- 78. Mention different types of spacing methods of female contraception. 380
- 79. What are the other names of rhythm method? 380
- 80. Mention one permanent contraceptive method in male and female? 381, 382
- 81. Mention two types of oral contraceptives? 381
- 82. What are the indications of medical termination of pregnancy? 382
- 83. Mention which female sex hormone reduces cholesterol levels?
- 84. Which hormone acts on anterior pituitary and inhibits secretion of FSH?
- 85. Which hormone secretion rate is high before ovulation?
- 86. Which hormone primarily controls secretion of testosterone?



85. Which hormone secretion rate is high before ovulation?

86. Which hormone primarily controls secretion of testosterone?

87. Which hormone stimulates the development of leydig cells in testis during foetal life

88. Which cells in male reproductive system have role in phagocytosis?

89. How many days are required to form a mature sperm from a primitive germ cell?

90. Write two hormonal factors regulating spermatogenesis.

91. Write two general factors influencing spermatogenesis.

92. What is meant by cryptorchidism and mention treatment advised?

93. What is meant by azospermia and oligospermia?

94. During which month Testis descends into scrotum?

95. Which enzyme converts adrenal androgens into testosterone?

96. What is meant by andropause?

97. What is the average amount of blood loss during each menstrual cycle?

98. Which hormone activates FSH secretion from anterior pituitary?

99. Which cell in testis produce testosterone?

100. Which enzyme is necessary for conversion of testosterone to dihydrotestosterone

101. What is double bohr effect?

102. What if double haldane effect?

103. Write two functions of corpus luteum?

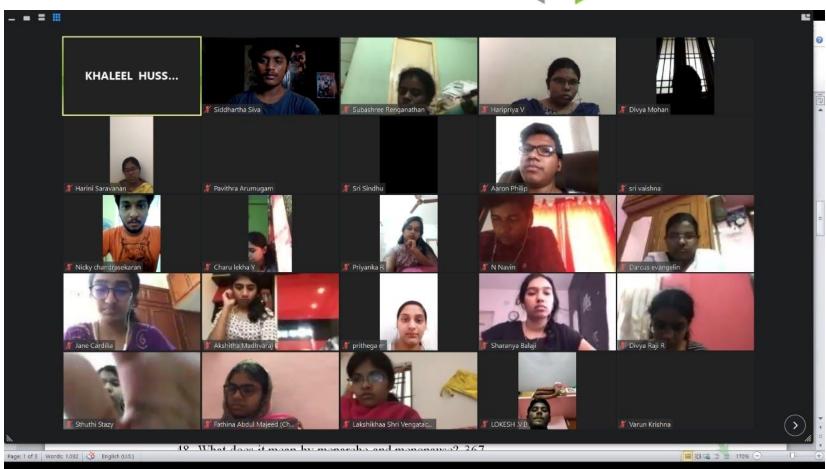
104. What is meant by LH surge?

105. Mention two tests for ovulation?

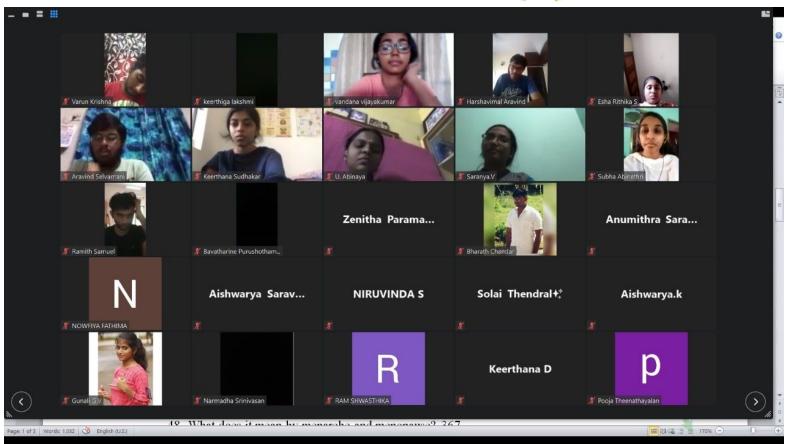
106. Mention how breast feeding acts as natural contraception in females?

107. What is the chromosome pattern in Klinefeltner's syndrome and turner's syndrom

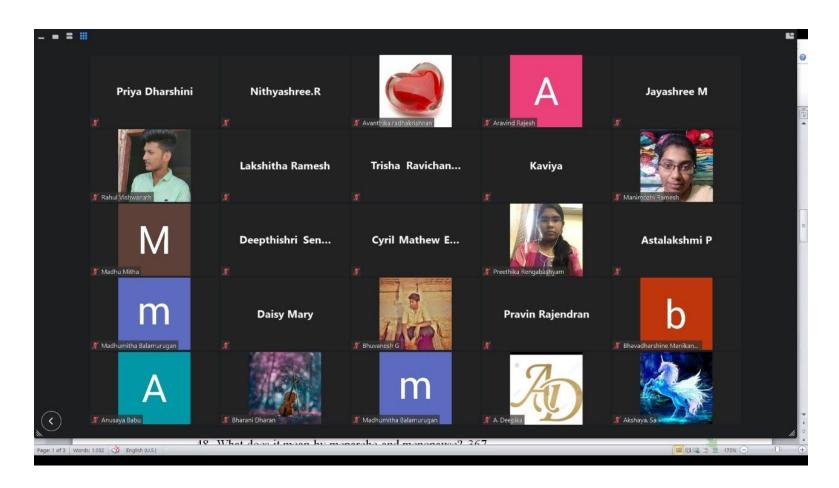




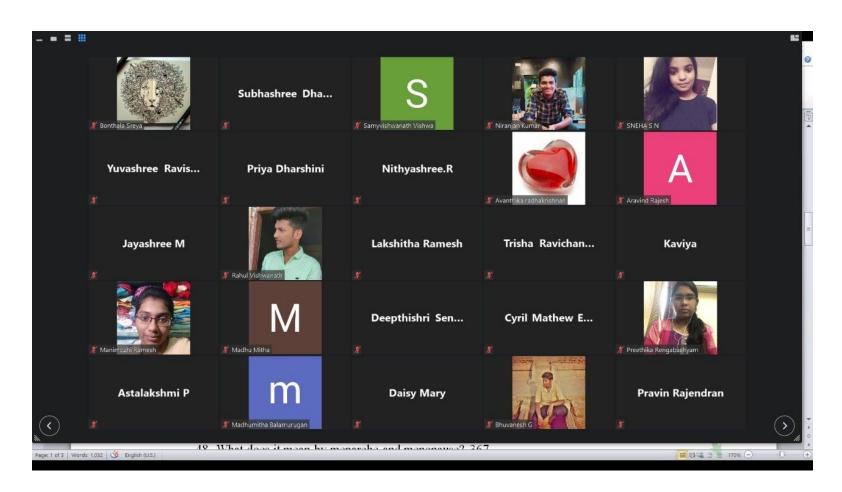




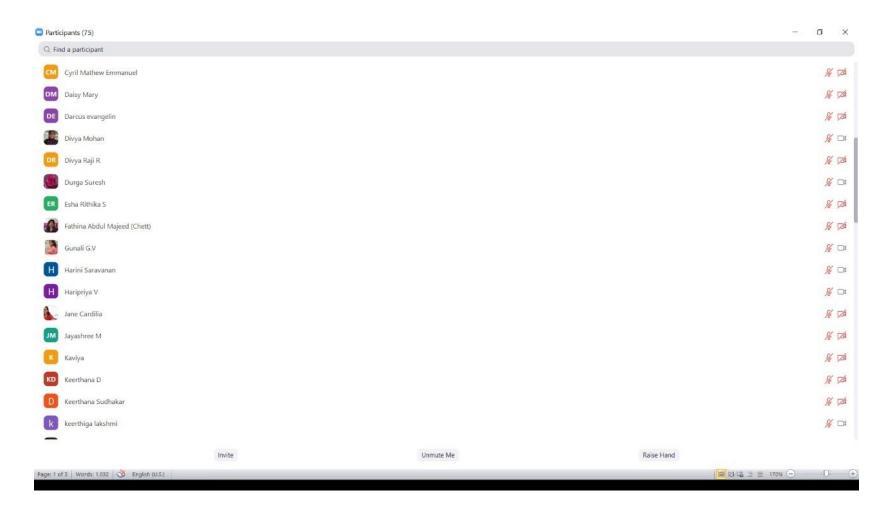




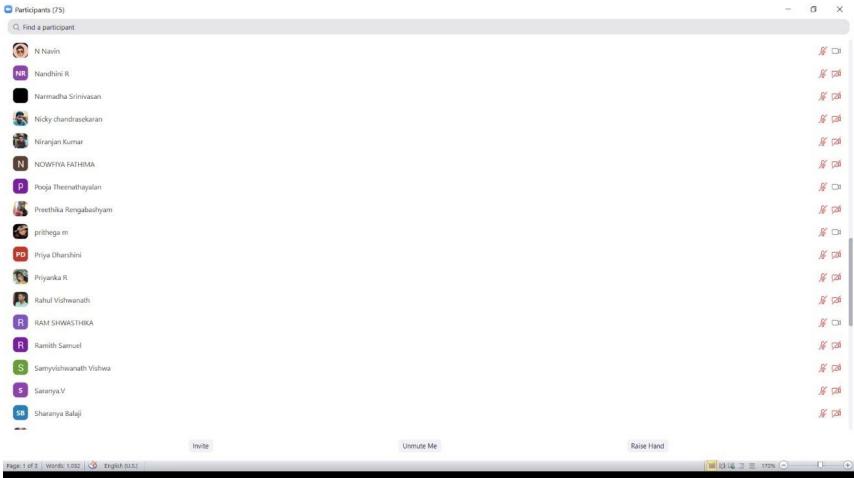




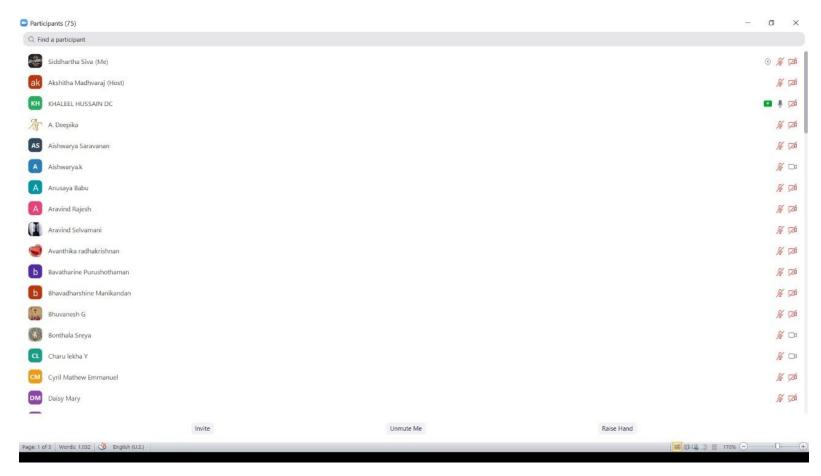




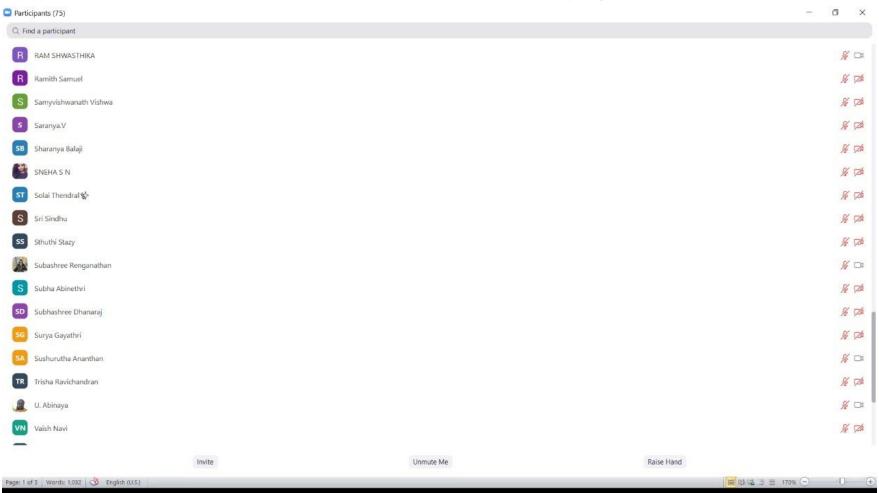




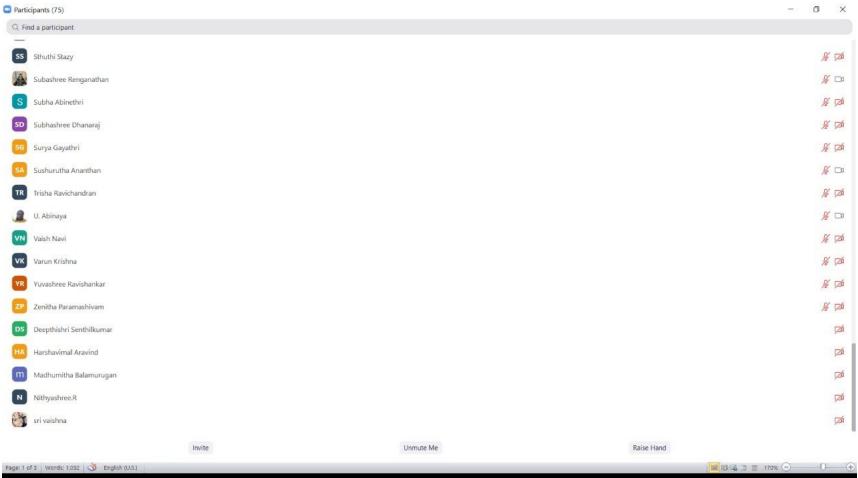




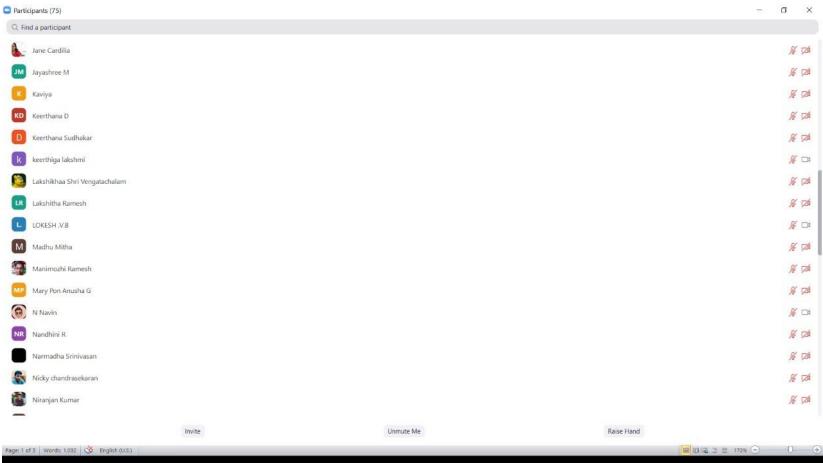










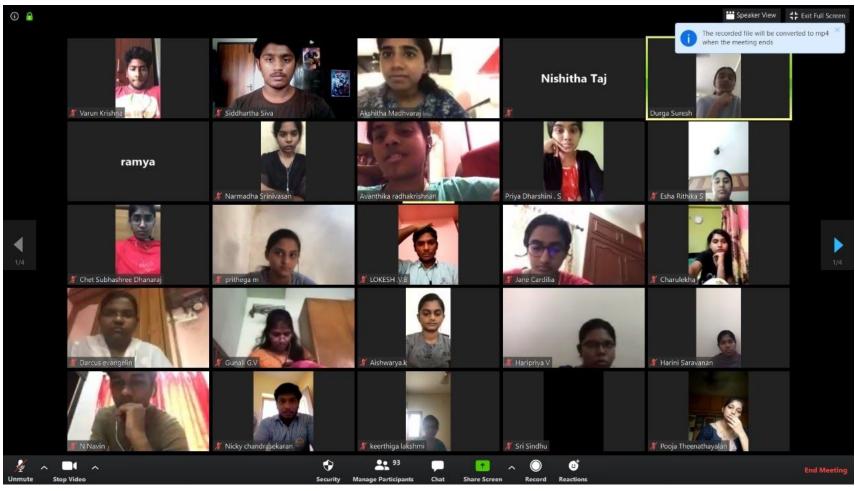




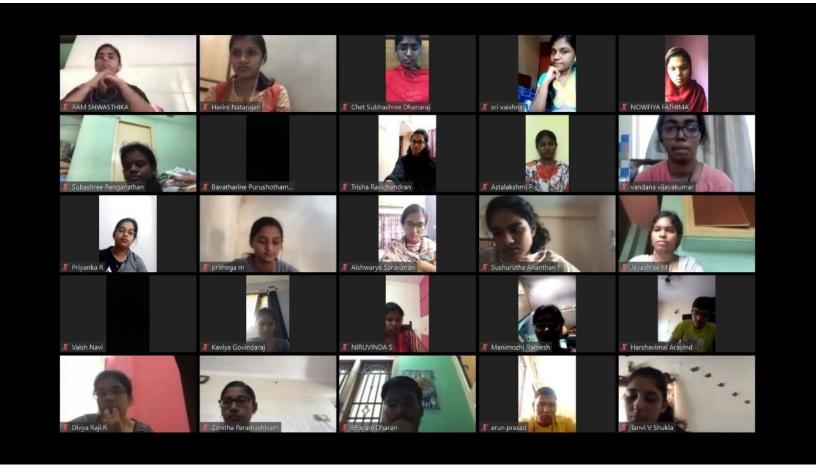
CHETTINAD DENTAL COLLEGE AND RESEARCH INSTITUTE DEPARTMENT OF PHYSIOLOGY

	ECLASS
TOPIC	NEUROGLIAL CELLS-TYPES, FUNCTION
PRESENTER	DR. REMYA
DEPARTMENT	DEPARTMENT OF PHYSIOLOGY
DATE	07.05.2020
ZOOM LINK	https://us04web.zoom.us/j/2204228017
CLASS TIMING	12:15-1:15PM
TOTAL STRENGTH	100 STUDENTS
NUMBER OF STUDENTS ATTENDED	90





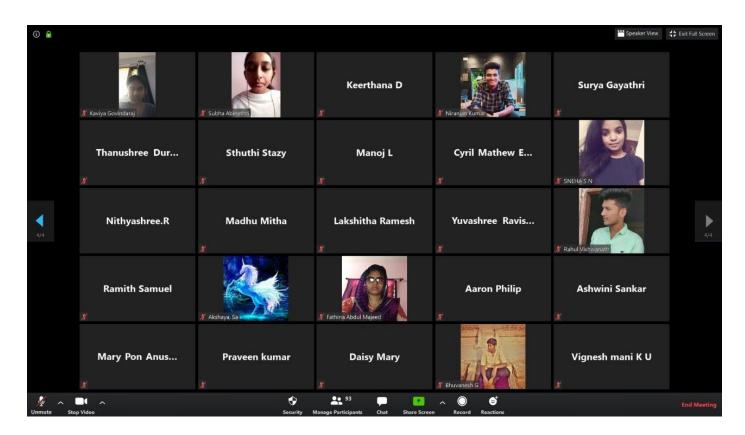




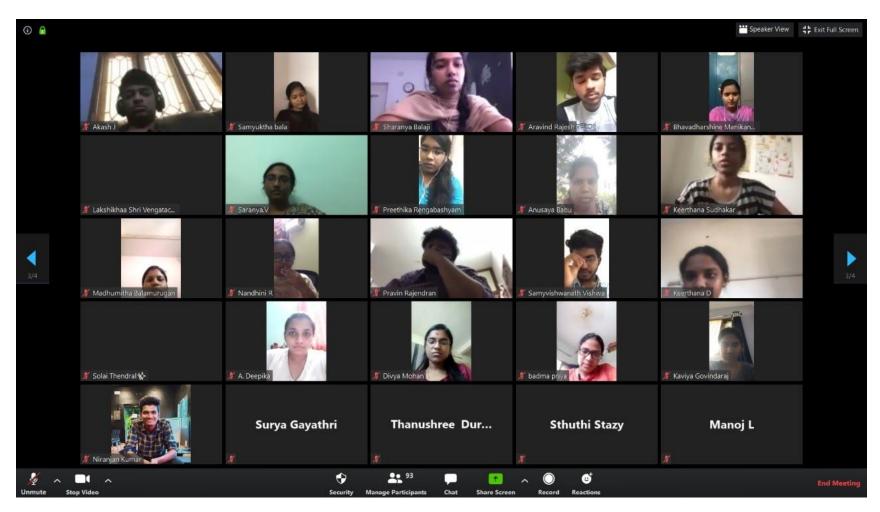




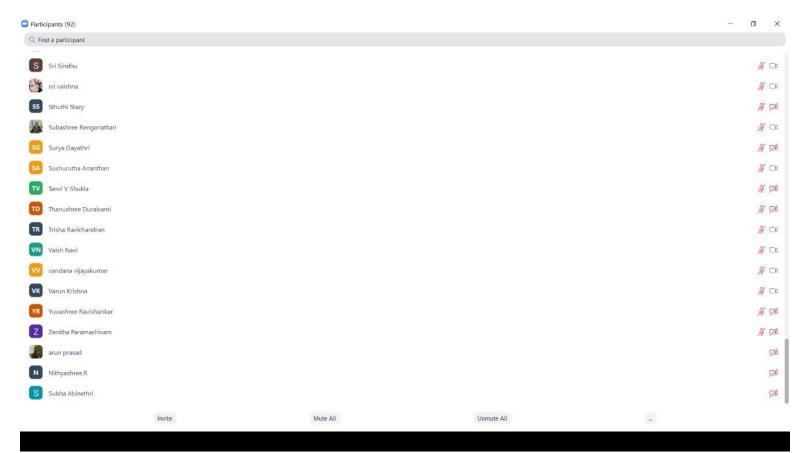




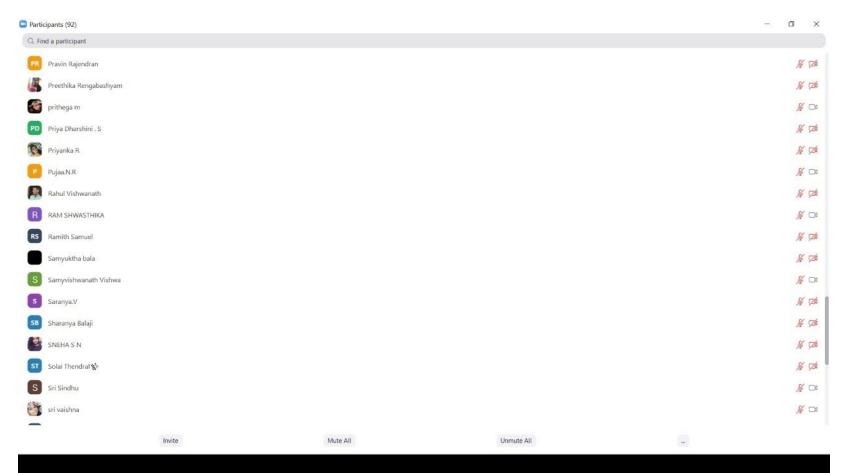








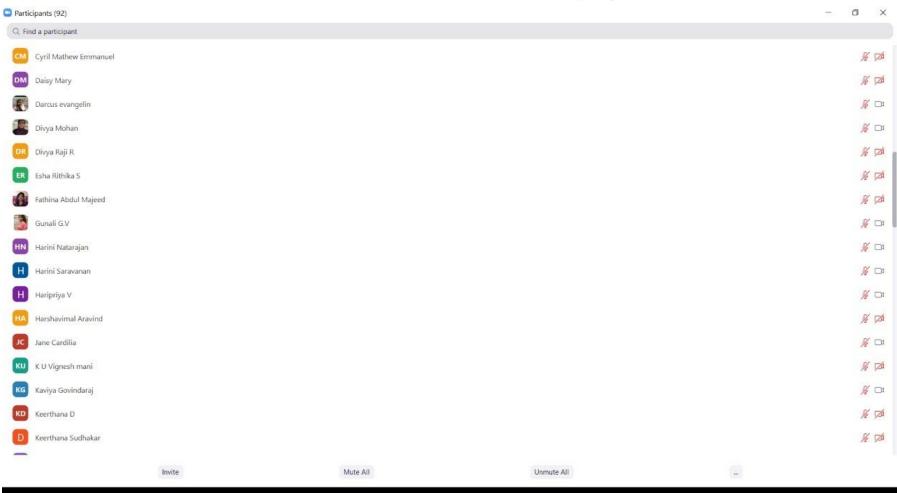




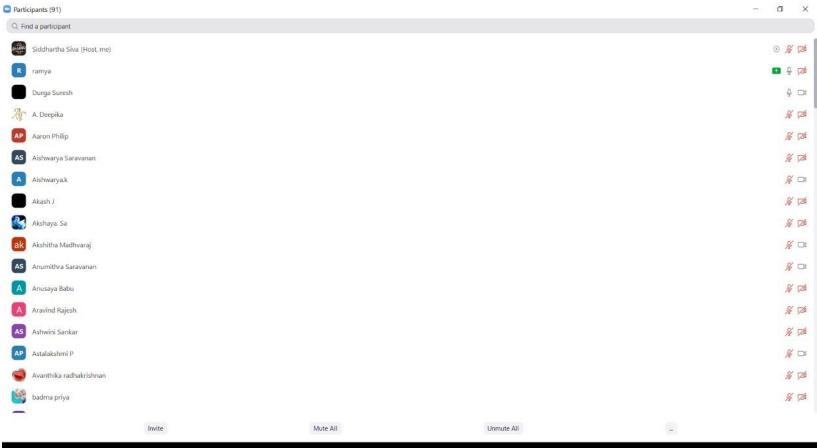




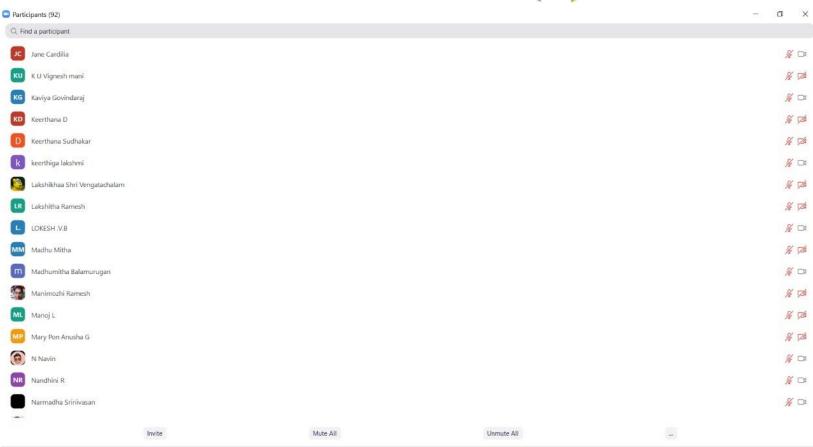




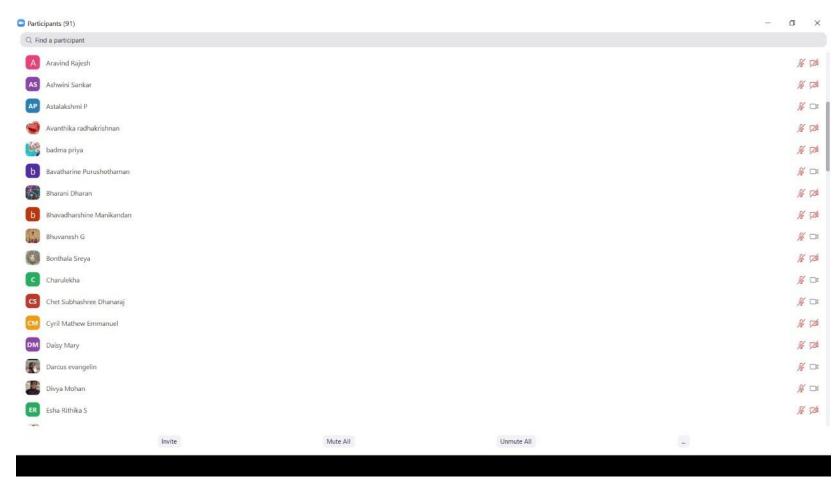














CHETTINAD DENTAL COLLEGE AND RESEARCH INSTITUTE DEPARTMENT OF PHYSIOLOGY

	ECLASS
TOPIC	SYNAPSE-STRUCTURE AND PROPERTIES IMPULSE TRANSMISSION ACROSS A SYNAPSE, PROPERTIES
PRESENTER	DR. KHALEEL
DEEPARTMENT	DEPARTMENT OF PHYSIOLOGY
DATE	08.05.2020
ZOOM LINK	https://us04web.zoom.us/j/4338952859?pwd=iKQdSdSU4RRzd2Mkh4kgROXzfwDfvQ
CLASS TIMING	1:45-3PN
TOTAL STRENGTH	100 STUDENTS
NUMBER OF STUDENTS ATTENDED	90



