Peer-Peer Mentoring Program

Student Learning Center, Hansraj College

Month and Year: March, 2022

Department: Botany Department

Name of the Departmental Program Coordinator: Dr. Satyakam Guha

S. No	Name of the Mentor	Semester	Number of sessions	Date and Time (of each session)	Topics covered (in each session)	No. of Mentees attended (per each session)
1.	Josemon Biju	VI	4	March 12, 2022 4:00-4:30 p m.	General introduction about the mentoring	18
				March 19, 2022; 11:00- 12:10	Respiration- Glycolysis, Anaerobic respiration	15
				March 19, 2022; 2:10-3:00	The Cell-Cell as a unit of structure and function; Characteristics of prokaryotic and eukaryotic cells; Origin of eukaryotic cell (Endosymbiotic theory).	7
				March 26, 2022; 11:00- 11:40	Respiration- Transition reaction, Krebs cycle/TCA cycle	8

Mentor 1: Mr. Josemon Biju

Course: B.Sc (H) Botony

Current Sem: VI

Email id: josephbiju150@gmail.com

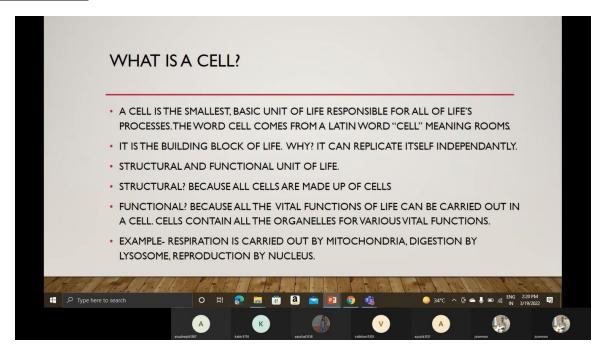
March 19, 2022: Topics covered: Glycolysis and Anaerobic respiration from the unit Respiration and students from Botany were taught the topics Cell as a unit of structure and function, Characteristics of Prokaryotic and Eukaryotic cells, Origin of Eukaryotic cells (Endosymbiotic theory) from the unit The Cell.



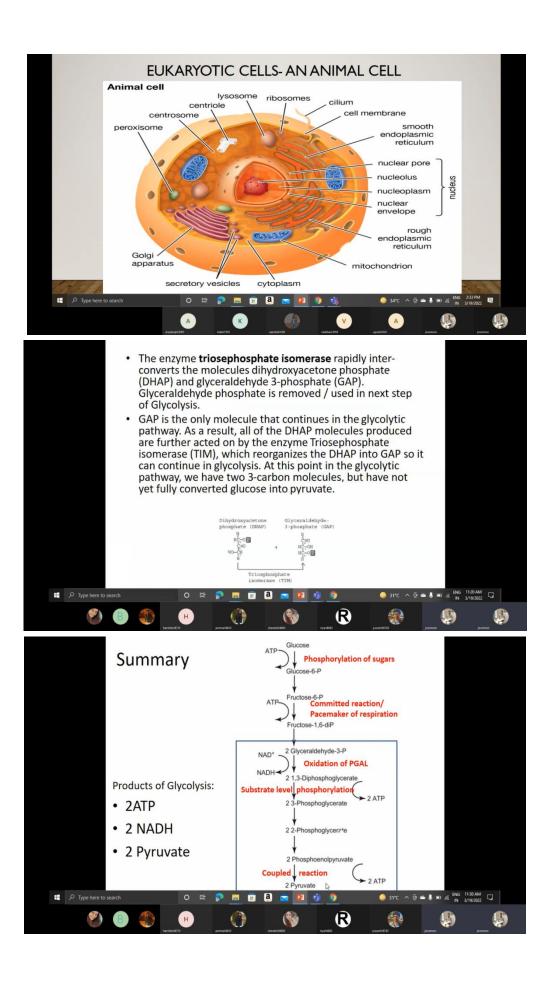
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harshita14731	Joined	3/19/2022, 11:01:47 AM	
prerna14653	Joined	3/19/2022, 11:03:29 AM	
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naitik14723	Joined	3/19/2022, 11:06:01 AM	
riya14682	Joined	3/19/2022, 11:07:19 AM	
chandni14683	Joined	3/19/2022, 11:08:04 AM	
ashish14673	Joined	3/19/2022, 11:12:03 AM	
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bhumika14664	Joined	3/19/2022, 11:12:16 AM	
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mohima14656	Joined	3/19/2022, 11:16:55 AM	
vaibhavi3105	Joined	3/19/2022, 11:32:50 AM	
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harsh14698	Joined	3/19/2022, 11:38:55 AM	
shweta14734	Joined	3/19/2022, 11:39:19 AM	
shweta14734	Left	3/19/2022, 12:01:18 PM	
harsh14696	Joined	3/19/2022, 11:41:27 AM	
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aditi14716	Joined	3/19/2022, 11:43:20 AM	

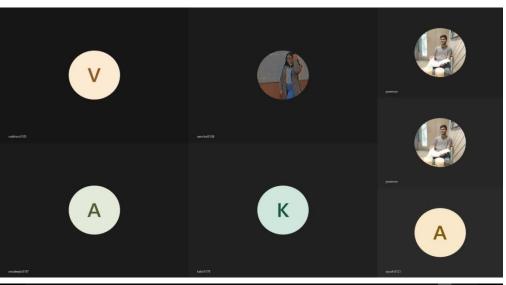
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anudeepti3187	Joined	3/19/2022, 2:28:17 PM	
ayushi3121	Joined	3/19/2022, 2:11:14 PM	
kabir3176	Joined	3/19/2022, 2:11:18 PM	
vaibhavi3105	Joined	3/19/2022, 2:11:51 PM	
aanchal3138	Joined	3/19/2022, 2:12:09 PM	

Photographs:

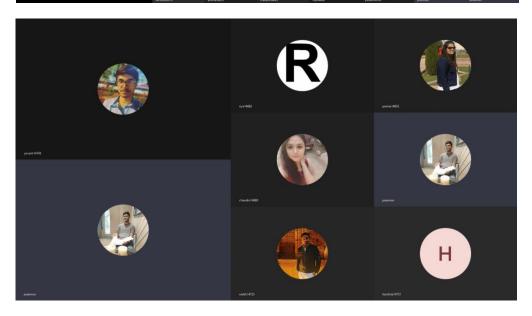


FACTORS FOR SIZE OF CELLS • Nucleo- cytoplasmic ratio- Nucleus controls the fuctions of the cell. Nucleus should be capable enough to take care of the cell. • Rate of Metabolism • Surface area to volume ratio- we normally assume the cell to be cubical in shape • Area of cube- 6asquare • Area: volume ratio decreases as size of the cell increases. • So size of the cells remain small so that they are efficient.









March 26, 2022: The topics covered were Transition Reaction, Aerobic respiration and Krebs cycle/ TCA cycle

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