

RECORD OF e CLASS USING ZOOM WEBINAR

ZOOM WEBLINK:3388413098
TOTAL NUMBER OF PRESENT:97

PRESENTATION	LECTURE
TOPIC	INTERPRETATION OF LIVER PROFILE
PRESENTER	DR.SHANTHI
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	11.05.2020
TIMING	9.30 AM TO 10.30 AM
UG PARTICPANTS	FIRST YEAR BDS 2019 - 2020



INTERPRETATION_OF_LIVER_PROFILE (1) (1) - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View

Paste Copy Format Painter Clipboard New Slide Reset Delete Slides Font Paragraph Text Direction Align Text Convert to SmartArt Drawing Shape Fill Shape Outline Shape Effects Find Replace Select Editing

Slides Outline

1 INTERPRETATION OF LIVER PROFILE

2 FUNCTIONS

- Manufacture of bile salts, proteins, cholesterol & bile acids
- Synthesis of proteins, immunoglobulins
- Storage for iron, vitamins A,D and B12 (in bile)
- Secretion of bile acids and production of bile salts
- Storage of bile salts
- Secretion of bile salts, triglycerides and cholesterol
- Secretion of bile salts, triglycerides and cholesterol

3 WHY LIVER PROFILE DIFFER FROM LFT

- Liver profile is set of tests which is used to identify the type of damage and the severity of damage in hepatocytes due to different causes
- It is also known as liver function tests

4 CONDITIONS WHERE DO YOU GO FOR LIVER PROFILE

- Jaundice
- Abnormal liver enzymes
- Cholestasis disorders
- Suspected liver metastases
- To monitor hepatotoxic drug
- Chronic liver disease

INTERPRETATION OF LIVER PROFILE

Click to add notes

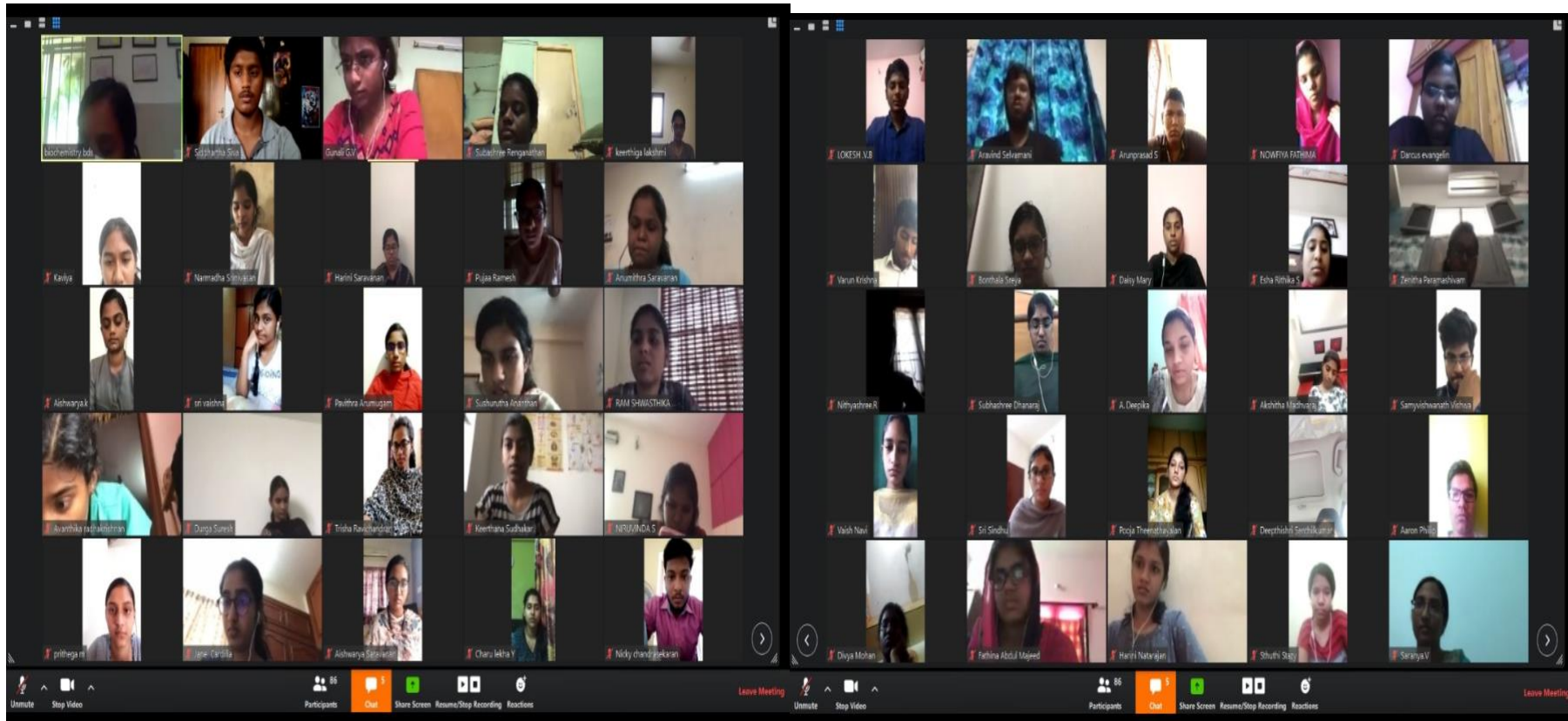
Please move this window away from the shared application.

FUNCTIONS

- ✦ Metabolism of carbs, lipids, proteins, porphyrin & bile acids.
- ✦ Synthesizes all proteins except immunoglobulin
- ✦ Storage site for Iron, vitamins A,D and B12(mainly) & glycogen.
- ✦ Excretion of metabolic end products like bilirubin, Ammonia, bile acids
- ✦ Detoxification of the drugs , foreign substances and metabolic intermediates.
- ✦ Tests to assess these functions are known as Liver function test, But all these tests are non specific.

Click to add notes

Slide 2 of 24 'Trek'



The image displays a Zoom meeting interface with two side-by-side windows, each showing a grid of 20 participants. The participants are arranged in a 4x5 grid. Each tile shows a video feed of a participant with their name at the bottom. The names are as follows:

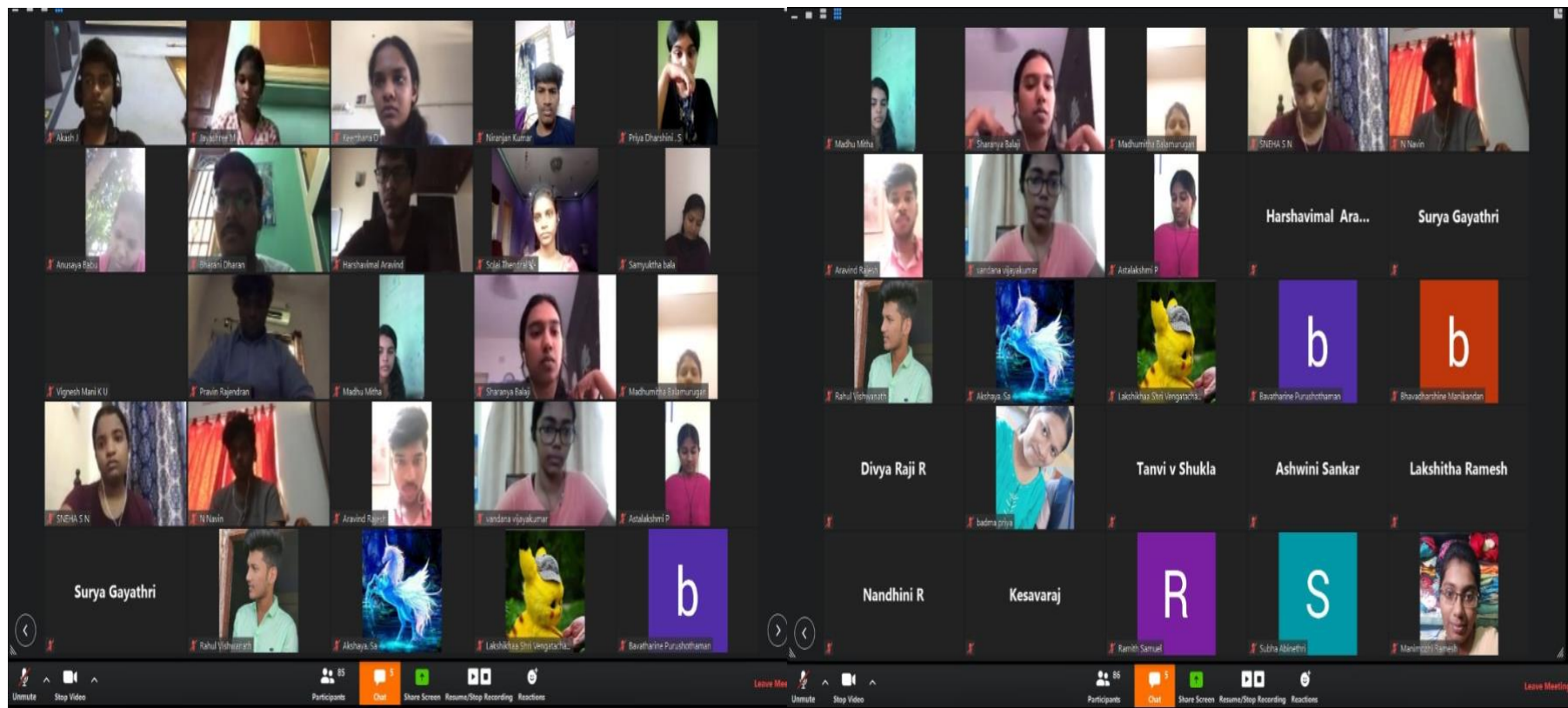
Left Window:

- Row 1: boheminy bti, Siddhanta Siva, Gunali G.V., Subashree Penganathan, keertiga lakshmi
- Row 2: Kaviya, Narmada Shivagan, Harini Saravanan, Pooja Ramesh, Anumitha Saravanan
- Row 3: Aishwarya K, tri vaishna, Poothra Anumugam, Subhushree Ananthan, RAM SHASHIKA
- Row 4: Ananthika (adithyaran), Durga Suresh, Trisha Ravichandran, Keertiana Sudakaran, NEELVINDA S
- Row 5: priyanka m, jine chirika, Aishwarya Sathya, Charu lekha Y, Nidhi chandrasekaran

Right Window:

- Row 1: LOKESH V.B, Anand Selvamani, Arunprasad S, NOWEENA FATHIMA, Darcus evanlin
- Row 2: Varun Krishna, Bonthala Sneha, Daisy Mary, Etha Ritika S, Zenitha Paramashvam
- Row 3: Nithyashree R, Subhashree Dhananj, A. Deepika, Akshitha Vijayapuri, Samyadharanath Vishwa
- Row 4: Varsh Navi, Sri Sindhu, Pozia Theentthayalan, Deepthi Srihikanthar, Aaron Philip
- Row 5: Divya Mohan, Fatima Abdul Majid, Harini Natarajan, Shruvi Saji, Saranya V

At the bottom of each window is a Zoom toolbar with icons for Unmute, Stop Video, Participants, Chat, Share Screen, Resume/Stop Recording, and Reactions. The 'Participants' icon shows 06 participants.



The image displays a Zoom meeting interface with a grid of participants. The participants are arranged in a grid, with some names visible below their video feeds. The bottom of the interface features a toolbar with various controls.

Participants (Visible Names):
































- Row 1: Akash J., Anusaya Babu, Bhavitha D., Niranjan Kumar, Priya Dharshini S., Madhu Mitha, Sharanya Balaji, Madhumitha Balanuragati, SNEHA S N, N Navin
- Row 2: Anusaya Babu, Bhavitha D., Harshavimal Aravind, Saja Theerth K, Samyuktha Iala, Aravind Rajesh, vandana vijayakumar, Anshakshmi P, Harshavimal Ara..., Surya Gayathri
- Row 3: Vignesh Mani K U, Pravin Rajendran, Madhu Mitha, Sharanya Balaji, Madhumitha Balanuragati, Rahul Vishwanath, Akshaya Sa, Lakshitha Shri Vengatachari, Bhavitha D., Bhavitha D.
- Row 4: SNEHA S N, N Navin, Aravind Rajesh, vandana vijayakumar, Anshakshmi P, Divya Raji R, Tanvi v Shukla, Ashwini Sankar, Lakshitha Ramesh
- Row 5: Surya Gayathri, Rahul Vishwanath, Akshaya Sa, Lakshitha Shri Vengatachari, Bhavitha D., Nandhini R, Kesavaraj, Ramith Samuel, Subra Abirami, Manojkumar Ramesh




































Toolbar (Bottom):























- Unmute, Stop Video, Participants (85), Chat, Share Screen, Resume/Stop Recording, Reactions, Leave Meeting























Close Participants (97)

























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-  Niranjan Kumar (me)   >
-  biochemistry bds (host)   >
-  Akshaya. Sa   >
-  Abinaya U   >
-  Aishwarya Saravanan   >
-  Aishwarya.k   >
-  Akash J   >
-  Akshitha Madhvaraj   >
-  Anumithra Saravanan   >
-  Anusaya Babu    >


































-  Aravind Rajesh   >
-  Aravind Selvamani    >
-  arun prasad   >
-  Ashwini Sankar   >
-  Astalakshmi P   >
-  Avanthika radhakrishnan    >
-  badma priya   >
-  Bavatharine Purushothaman   >
-  Bharani Dharan   >
-  Bharath Chandar   >
-  Bhavadharshine Manikandan   >


































	Bhuvanesh G	
	Bonthala Sreya	
	charu	
	Cyril Mathew Emmanuel	
	Daisy Mary	
	Darcus evangelin	
	Deepika A	
	Deepthishri Senthilkumar	
	Divya Mohan	
	Divya Raji R	
	Durga Suresh	












	Esha Rithika	
	Fathina Abdul Majeed	
	Gunali G.V	
	Harini Natarajan	
	Harini Saravanan	
	Haripriya V	
	Harshavimal Aravind	
	Jane Cardilia	
	Jayashree M	
	Kaviya	
	Keerthana D	

D	Keerthana Sudhakar	  >
k	keerthiga lakshmi	  >
K	Kesava Raj	  >
	Lakshikhaa Shri Vengatachalam	  >
LR	Lakshitha Ramesh	  >
L.	LOKESH .V.B	  >
M	Madhu Mitha	  >
m	Madhumitha Balamurugan	  >
MR	Manimozhi R	   >
MP	Mary Pon Anusha G	  >
NR	Nandhini R	  >

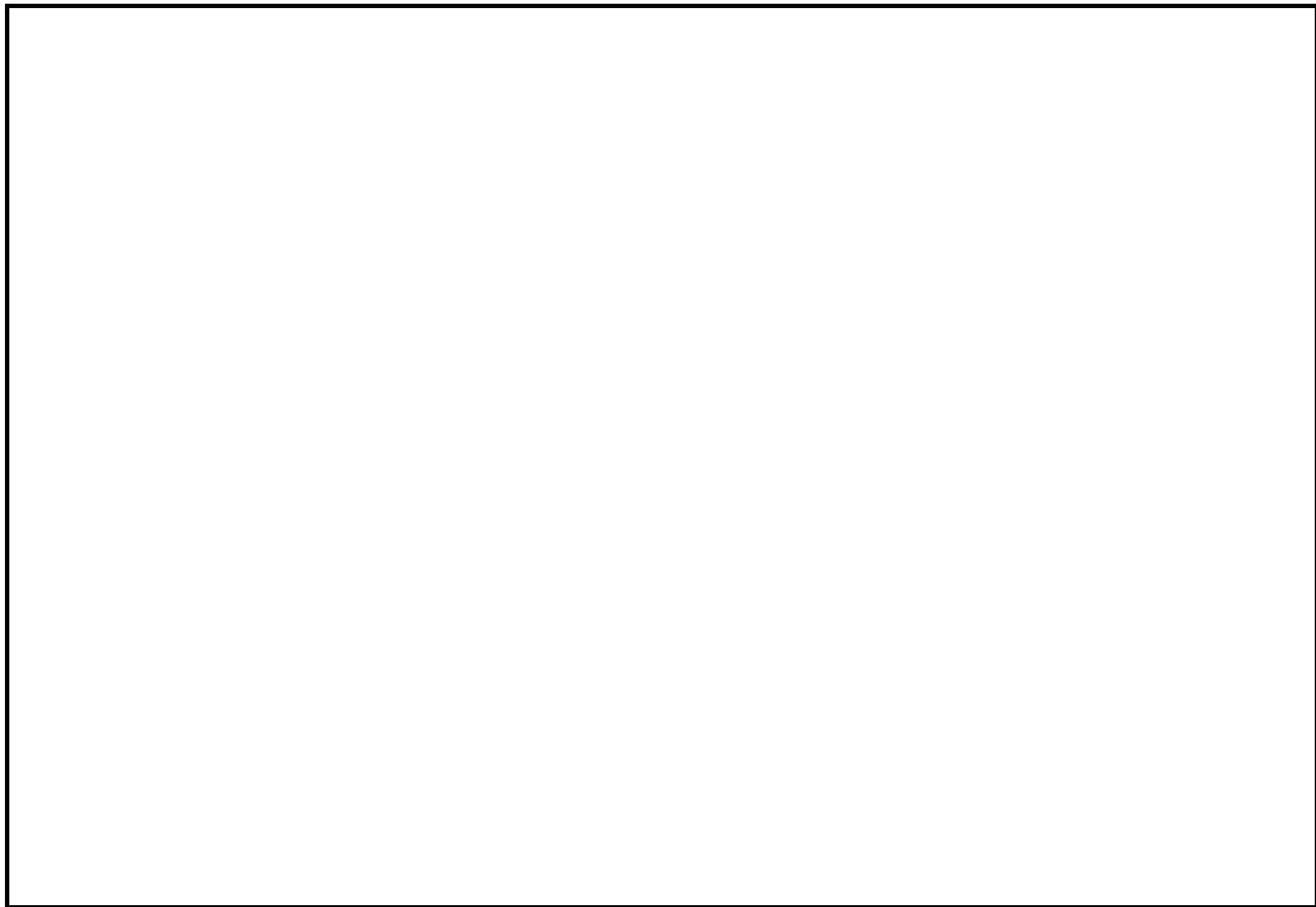
	Narmadha Srinivasan	  >
	Nicky chandrasekaran	  >
NS	NIRUVINDA S	  >
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N	Nithyashree.R	  >
N	NOWFIYA FATHIMA	  >
P	Pavithra Arumugam	  >
p	Pooja Theenathayalan	  >
PK	PRAVEEN KUMAR	  >
	Pravin Rajendran	  >
	Preethika Rengabashyam	  >

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	Priyanka R	  >
	Pujaa Ramesh	  >
	Rahul Vishwanath	  >
	RAM SHWASTHIKA	  >
	Ramith Samuel	  >
	samyuktha bala	  >
	Samyviswanath Vishwa	  >
	Saranya.V	  >
	Sharanya Balaji	  >

	Siddhartha Siva	  >
	SNEHA S N	  >
	Solai Thendral ✨	  >
	Sri Sindhu	  >
	sri vaishna	  >
	Sthuthi Stazy	  >
	Subashree Renganathan	  >
	Subha Abinethri	  >
	Subhashree Dhanaraj	  >
	Surya gayathri	  >
	Sushurutha Ananthan	  >

SA	Sushurutha Ananthan	 >
TV	TANVI V SHUKLA	 >
TD	Thanushree Duraisami	 >
TR	Trisha Ravichandran	 >
VN	Vaish Navi	 >
VV	vandana vijayakumar	 >
VK	Varun Krishna	 >
VM	Vignesh Mani KU	 >
YR	Yuvashree Ravishankar	 >
Z	Zenitha Paramashivam	 >
AP	Aaron Philip	 >





RECORD OF e CLASS USING ZOOM WEBINAR

ZOOM WEBLINK: 6621515339
TOTAL NUMBER OF PRESENT:96

PRESENTATION	LECTURE
TOPIC	ACID BASE BALANCE
PRESENTER	DR.MURUGAVEL
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	12.05.2020
TIMING	9.30 AM TO 10.30 AM
UG PARTICPANTS	FIRST YEAR BDS 2019 - 2020



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Acid-base Balance



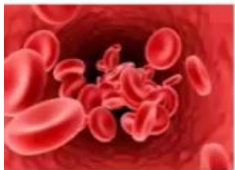
Murugavel . K
Assistant professor
Dept. of. Biochemistry



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Organs involved in the regulation of Acid- base Balance



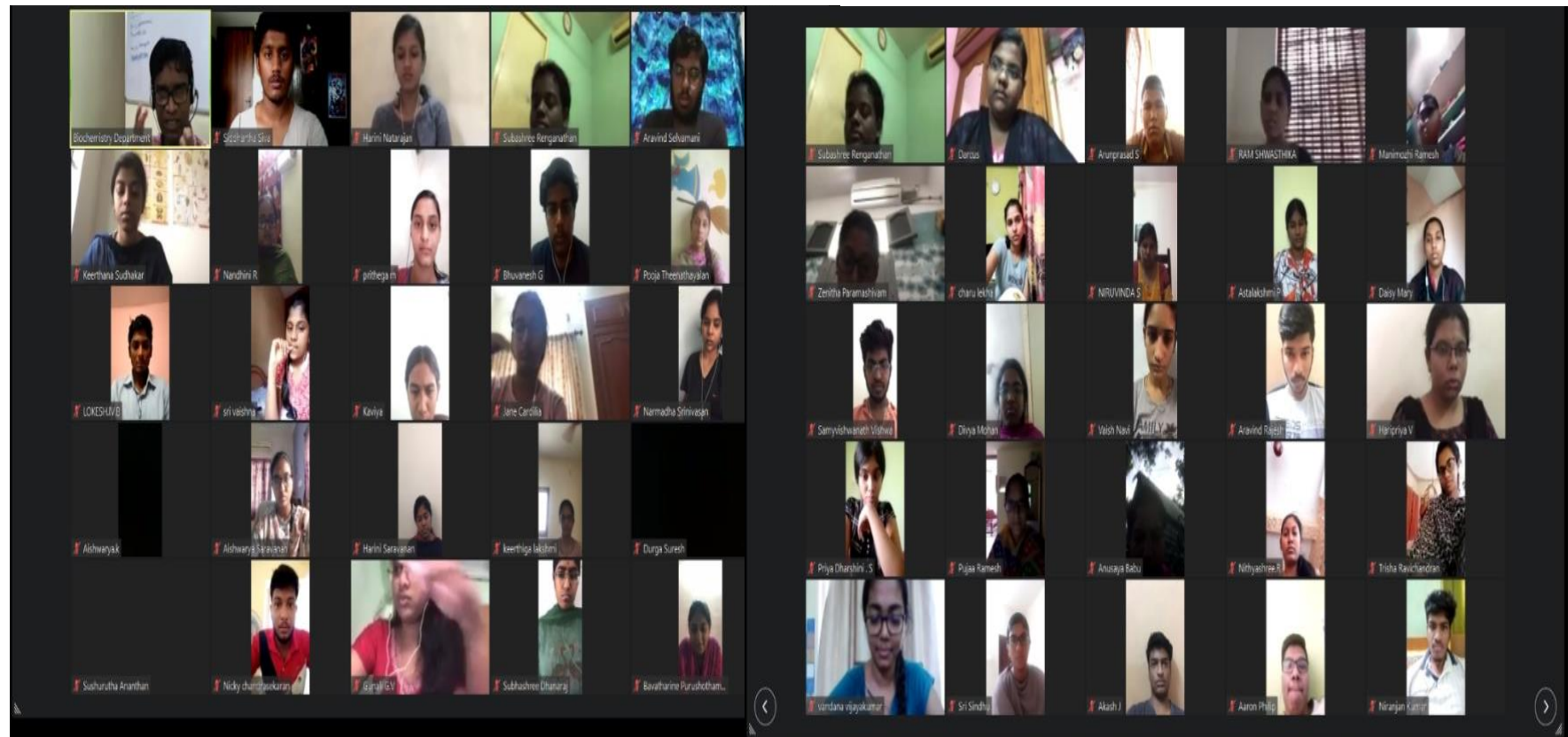
RBC : Haemoglobin – main buffer for CO_2

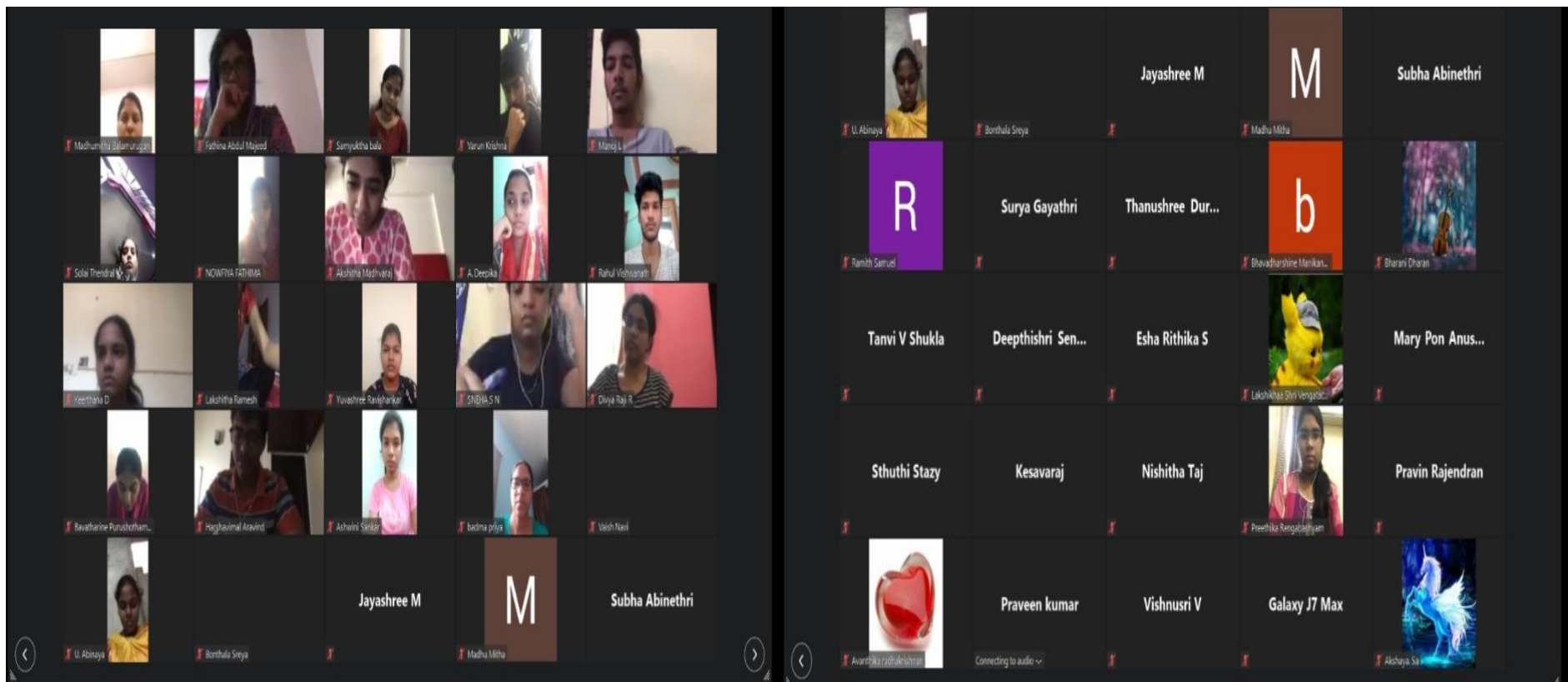


LUNGS : Excretion of CO_2 by alveolar ventilation




































KIDNEY : Re-absorption of filtered bicarbonate ;
excretion of the fixed acids


















































































Close Participants (97)

























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-  Niranjan Kumar (me)   >
-  Biochemistry Departm... (host)   >
-  A. Deepika   >
-  Aaron Philip   >
-  Aishwarya Saravanan   >
-  Aishwarya.k   >
-  Akash J   >
-  Akshaya. Sa   >
-  Akshitha Madhvaraj   >
-  Anumithra Saravanan   >
-    >


































-  Aravind Rajesh   >
-  Aravind Selvamani   >
-  arun prasad   >
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-  Avanthika radhakrishnan   >
-  badma priya   >
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	Jane Cardilia		>
	Jayashree M		>
	Kaviya		>
	Keerthana D		>

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NR	Nandhini R	  >

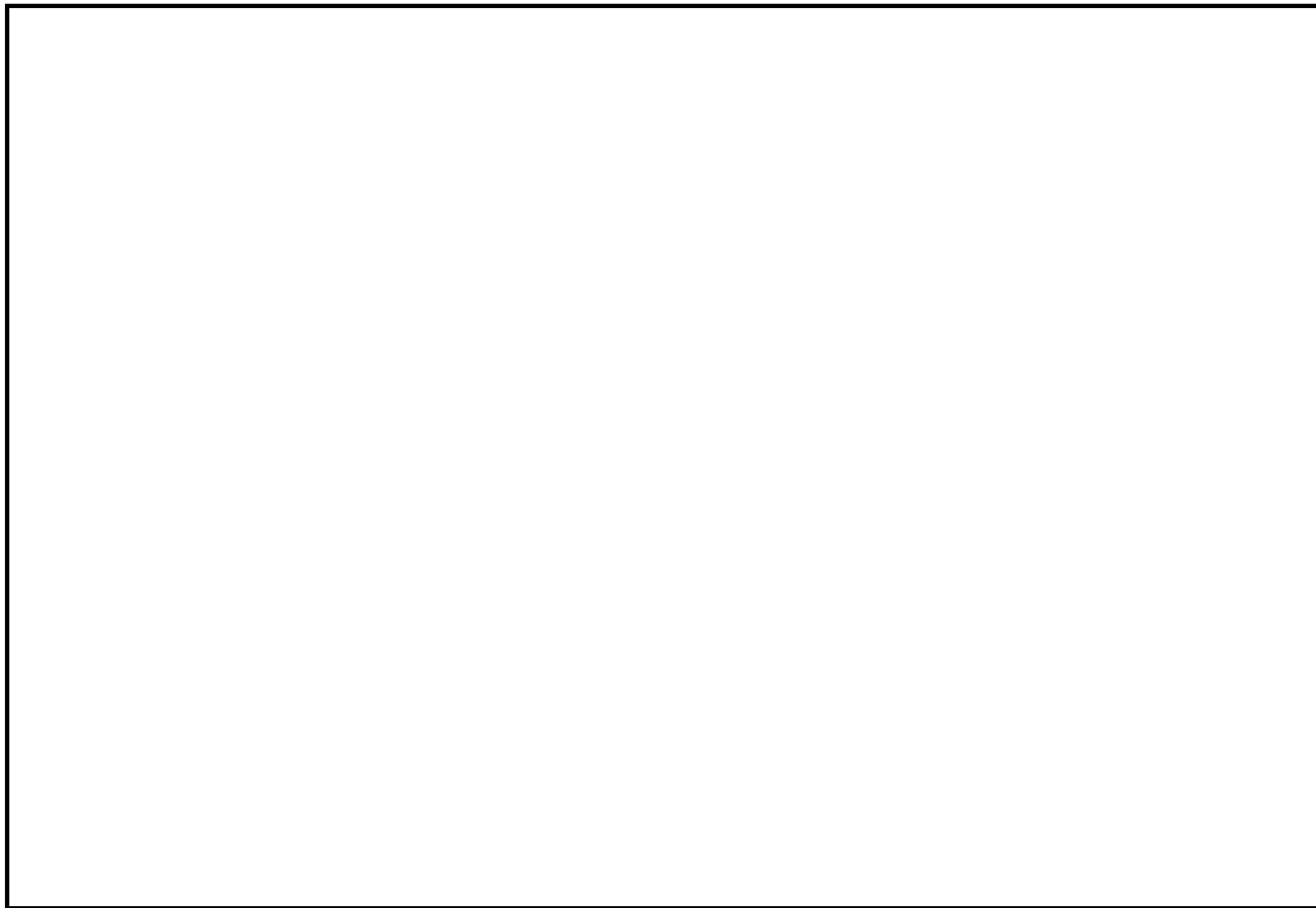
	Narmadha Srinivasan	  >
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VK	Varun Krishna	 >
VM	Vignesh Mani KU	 >
YR	Yuvashree Ravishankar	 >
Z	Zenitha Paramashivam	 >
AP	Aaron Philip	 >





RECORD OF e CLASS USING ZOOM WEBINAR

ZOOM WEBLINK:6621515339
TOTAL NUMBER OF PRESENT:97

PRESENTATION	LECTURE
TOPIC	DISORDER OF ACID BASE BALANCE
PRESENTER	DR.MURUGAVEL
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	15.05.2020
TIMING	11.30 AM TO 12.15 AM
UG PARTICPANTS	FIRST YEAR BDS 2019 - 2020

11:37 AM Fri 15 May

Leave

Zoom



Mute



Stop Video



Share Content



Participants



More

56%



Switch Camera

Disorders of Acid Base balance

Murugavel . K
Assistant professor
Dept. of. Biochemistry



Biochemistry Department's screen



Biochemistry Department



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Leave

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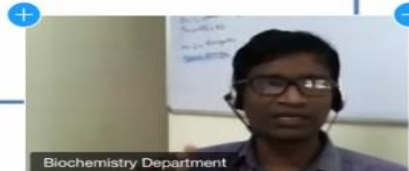


Disorders of Acid Base balance

- In both **acidosis** and **alkalosis** the body tries to restore the normal $\text{HCO}_3/\text{H}_2\text{CO}_3$ ratio (20 : 1) by changing the **pulmonary** elimination of CO_2 and or the **urinary** elimination of HCO_3 .
- If It succeeds to restore the normal ratio the acidosis or alkalosis is said to be **COMPENSATED**. If the buffer ratio fails to return to normal, the acidosis or alkalosis is said to be **UN-COMPENSATED**.



Biochemistry Department's screen



Biochemistry Department

12:01 PM Fri 15 May

Leave Zoom

Unmute Stop Video Share Content Participants More

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METABOLIC ALKALOSIS

Metabolic Alkalosis refers to increase in primary HCO_3^- excess.

Causes:

- Increased intake of bicarbonate : It is seen in consuming excess of antacids for peptic ulcer.
- Increased gastrointestinal loss of acids: Vomiting results in loss of gastric HCl .
- Increased renal loss of acid: Increased excretion of hydrogen ions occurs due to mineralocorticoid excess (Cushing syndrome and primary aldosteronism).

Participants (97)

A	Akshitha Madhvaraj		
AS	Anumithra Saravanan		
A	Anusaya Babu		
A	Aravind Rajesh		
	Aravind Selvamani		
	Arunprasad S		
AS	Ashwini Sankar		
A	Aetalakshmi P		

Invite

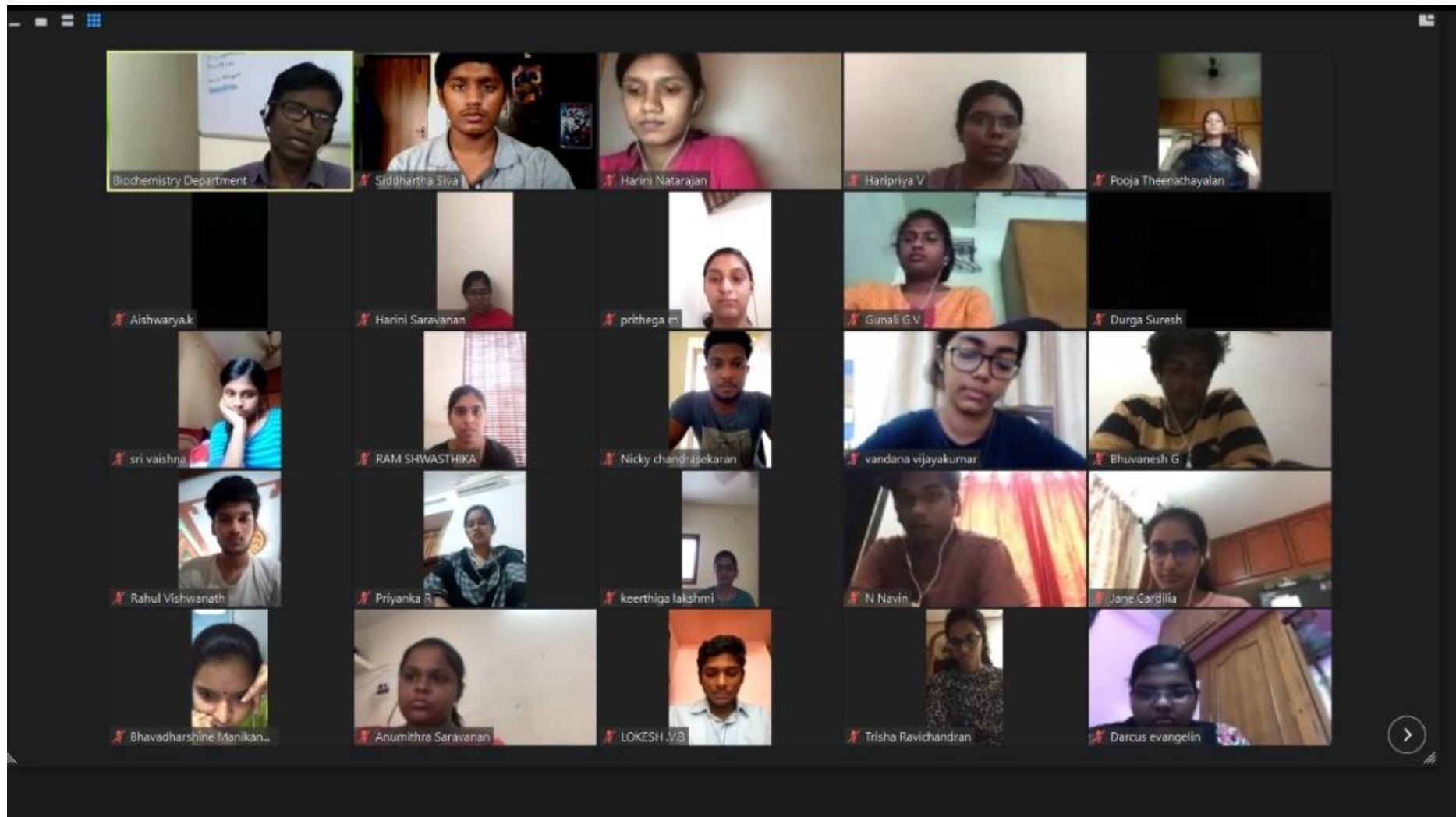
Niranjana Kumar

Biochemistry Department

Harini Saravanan

Aishwarya.k

Biochemistry Department's screen





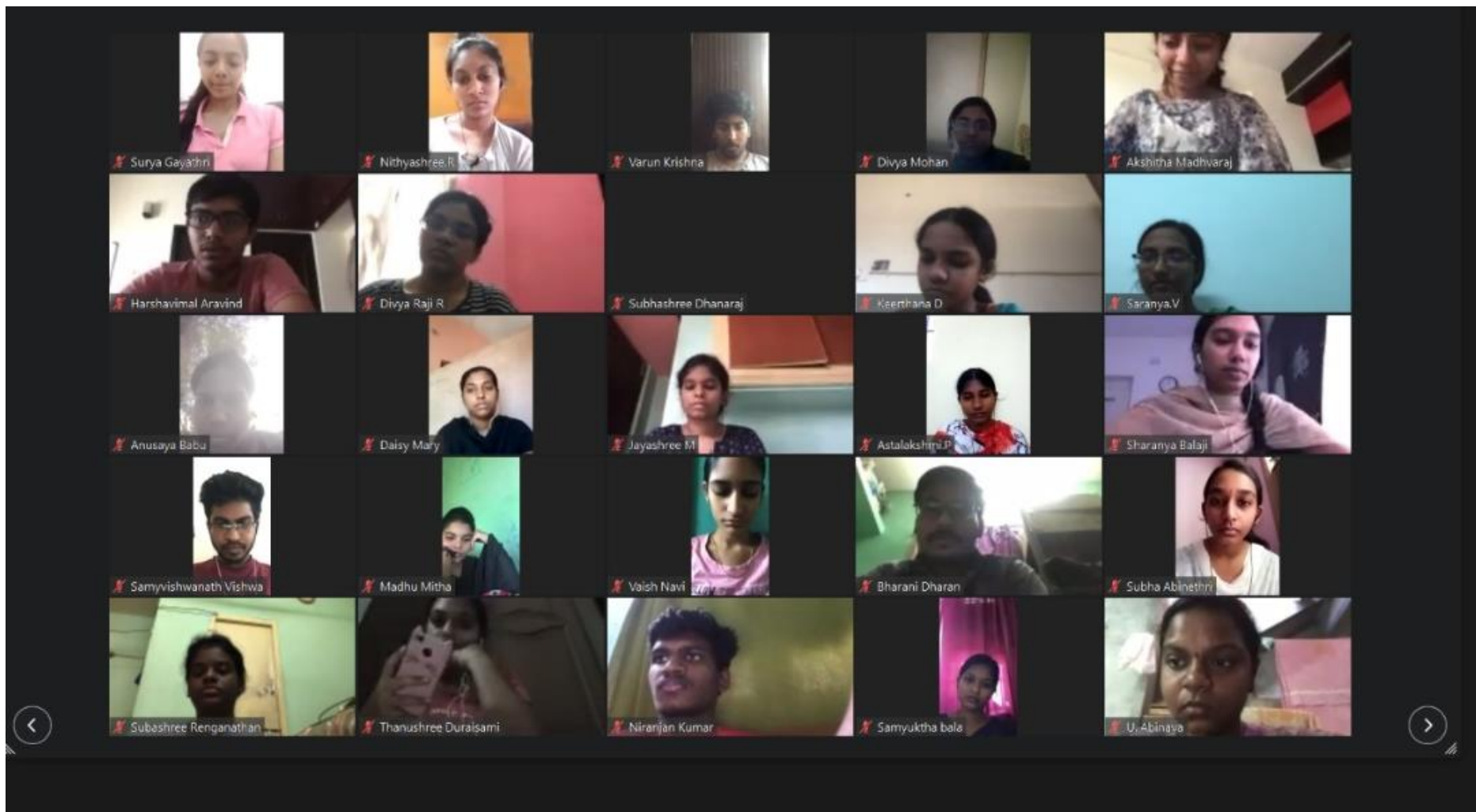
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PARTICIPANTS VIDEO TILES


















































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Participants (97)

Q Search

	Niranjana Kumar (me)		
	biochemistry bds (Host)		
	Aaron Philip		
	Siddhartha Siva		
	Akshaya Hogwarts		
	Akshitha Madhvaraj		
	Abinaya Udayakumar		

	Aishu k		
	Aishwarya Saravanan		
	Akash J		
	Anumithra Saravanan		
	Anusaya Babu		
	Aravind Rajesh		
	Aravind Selvamani		
	arun prasad		




















 Ashwini Sankar  	 Godlin Darcus  	 Madhu Mitha  
 Astalakshmi P  	 Gunali G.V  	 Manimozhi. R  
 Avanthika radhakrishnan  	 Harini Natarajan  	 Manoj L  
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 Bharanidharan.A  	 Harshavimal Aravind  	 Nandhini R  
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	Nithyashree.R	 
	NOWFIYA FATHIMA	 
	PK	 
	Pooja Theenathayalan	 
	Pravin Rajendran	 
	Preethika Rengabashyam	 



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PM	prithega m		
PD	Priya Dharshini		
	Priyanka R		
	Pujaa Ramesh		
	Rahul Vishwanath		
R	RAM SHWASTHIKA		
R	Ramith Samuel		
SK	Saarah Khan		



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	Samyviswanath Vishwa			
	Saranya.V			
	Sharanya Balaji			
	Siddhartha Siva			
	SNEHA S N			
	Sreya Bonthala			
	Sri Sindhu			



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SR	Subashree Renganathan		
S	Subha Abinethri		
SD	Subhashree Dhanaraj		
SG	Surya gayathri		
	Sushurutha ananthan		
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