

RECORD OF e CLASS USING ZOOM WEBINAR

ZOOM WEBLINK:338841309

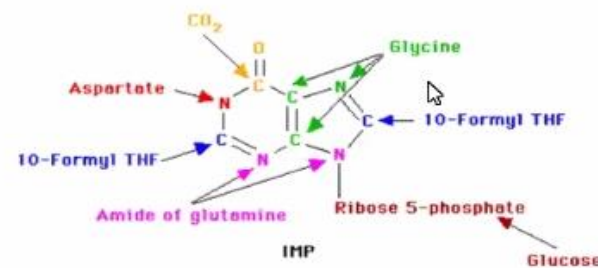
TOTAL NUMBER OF PRESENT:95

PRESENTATION	LECTURE
TOPIC	PURINE METABOLISM
PRESENTER	DR.SIDDHARTH
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	18.05.2020
TIMING	9.30 AM TO 10.30 AM
UG PARTICIPANTS	FIRST YEAR BDS 2019 - 2020



Chettinad

Dental College & Research Institute



Purine Metabolism

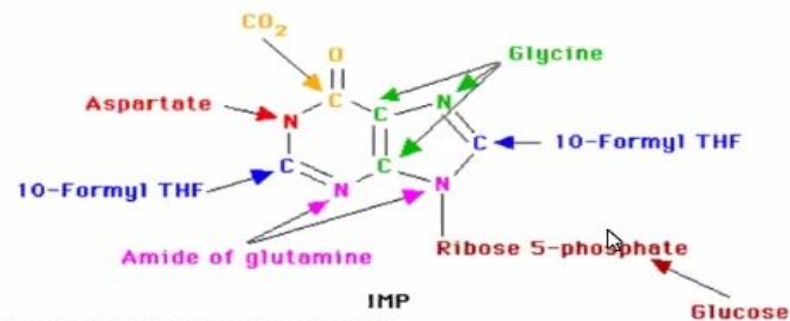
Dr.Siddarth



Chettinad

Dental College & Research Institute

Purines: where do the atoms come from?



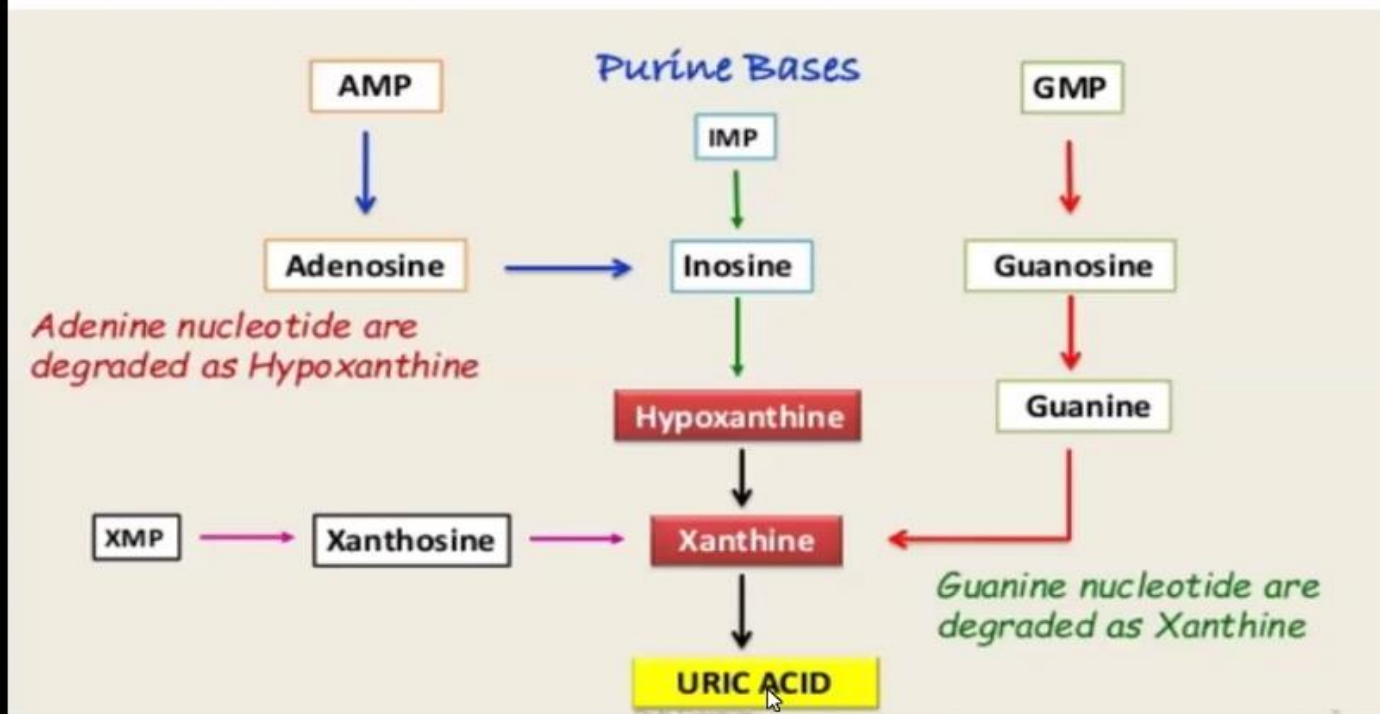
Purine intermediates include:

1. Glycine
2. 1 C units of 5,10 mTHF
3. Glutamine
4. Aspartate



Chettinad

Dental College & Research Institute





Chettinad
Dental College & Research Institute

biochemistry bds

Siddhartha Siva

vandana vijayakumar

RAM SHWASTHIKA

Subeshree Renganathan

Haripriya V

Aishwarya k

Jane Cardilia

prithega m

Bhuvanesh G

Durga Suresh

Aravind Selvamani

Aishwarya Saravanan

LOKESH.V.B

Sushrutha Ananthan

Kaviya

NIRUVINDA S

Narmadha Srinivasan

Keerthana Sudhakar

Nicky chandrasekaran

Godlin Darcus

Harini Saravanan

Subhashree Dhanaraj

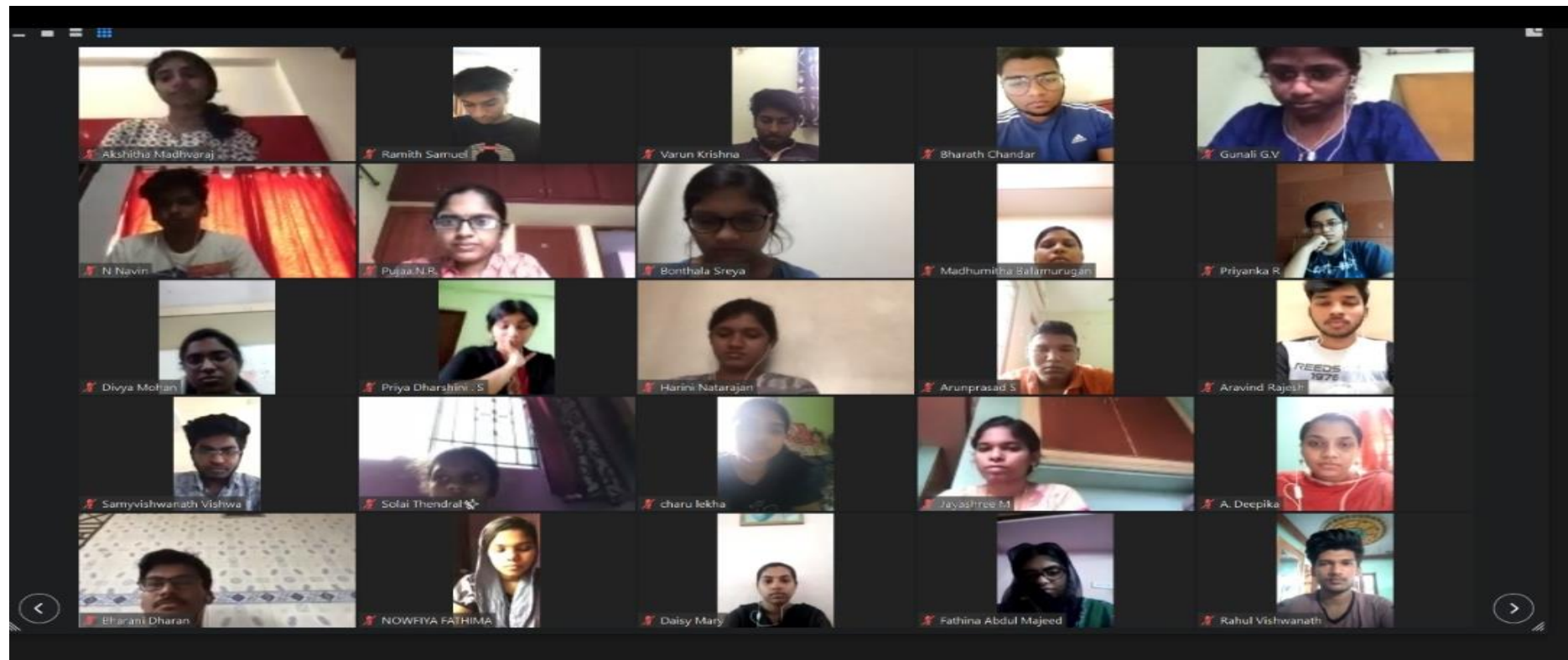
Avanthika radhakrishnan

sri vaishna



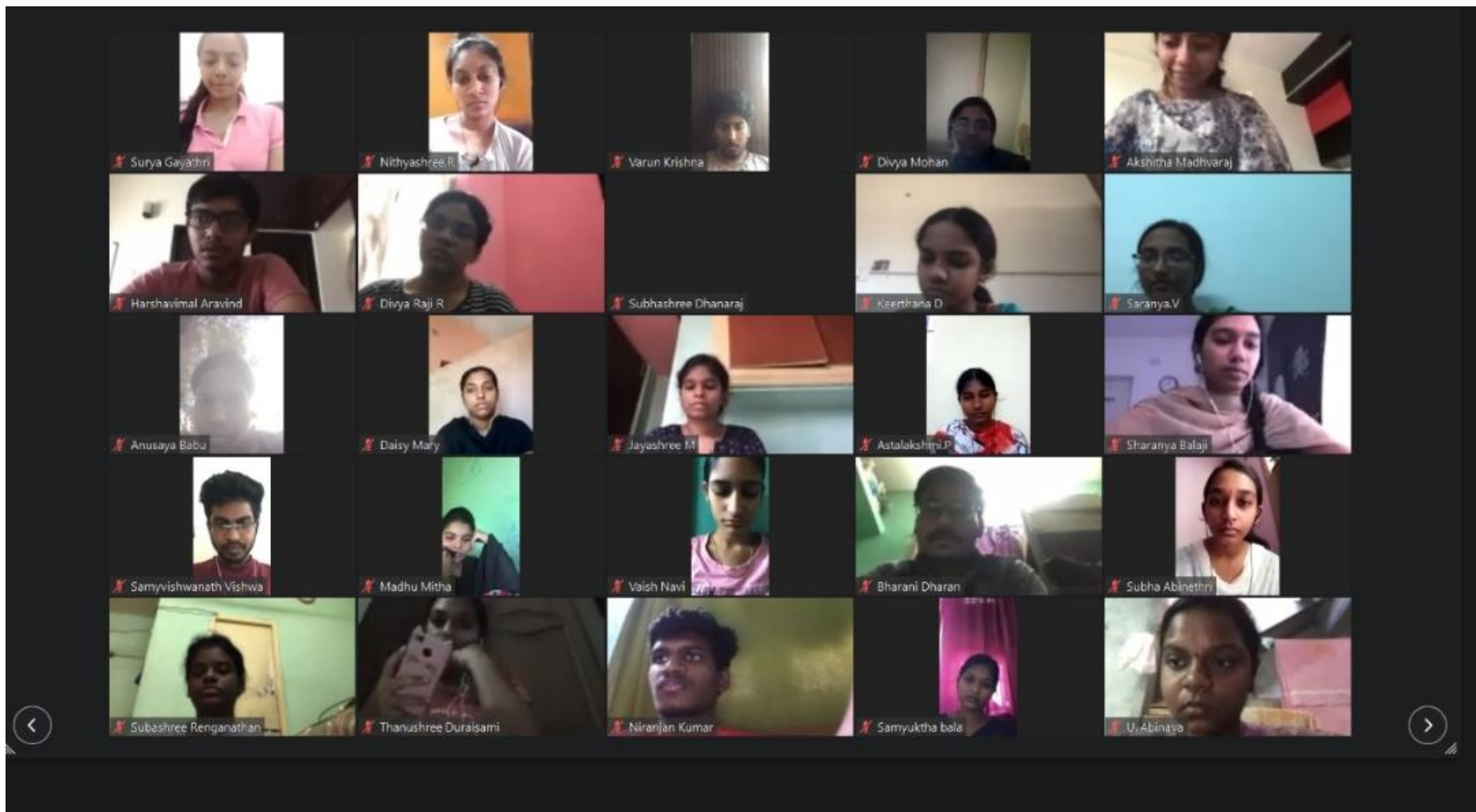
Chettinad
Dental College & Research Institute

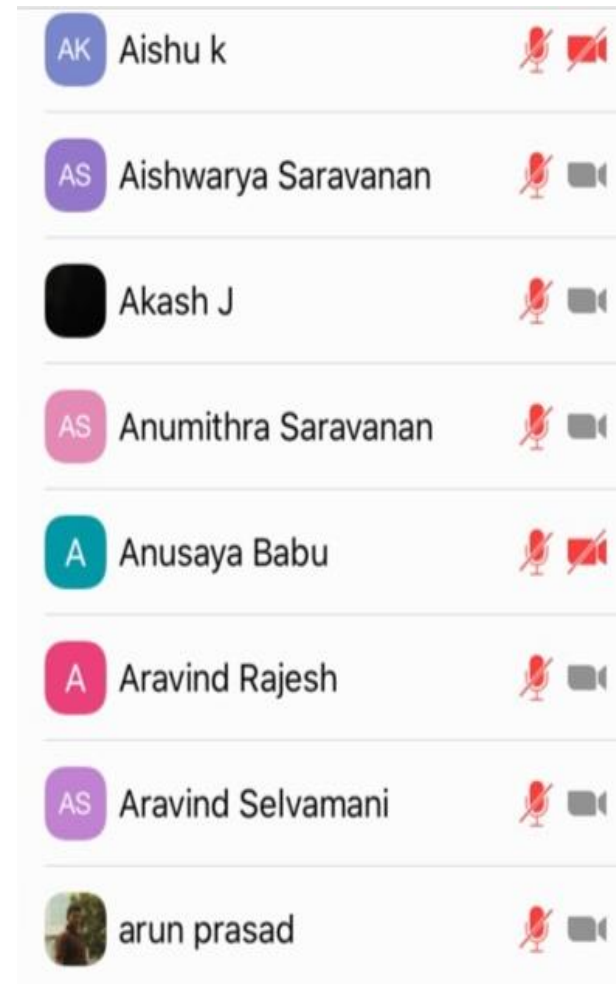
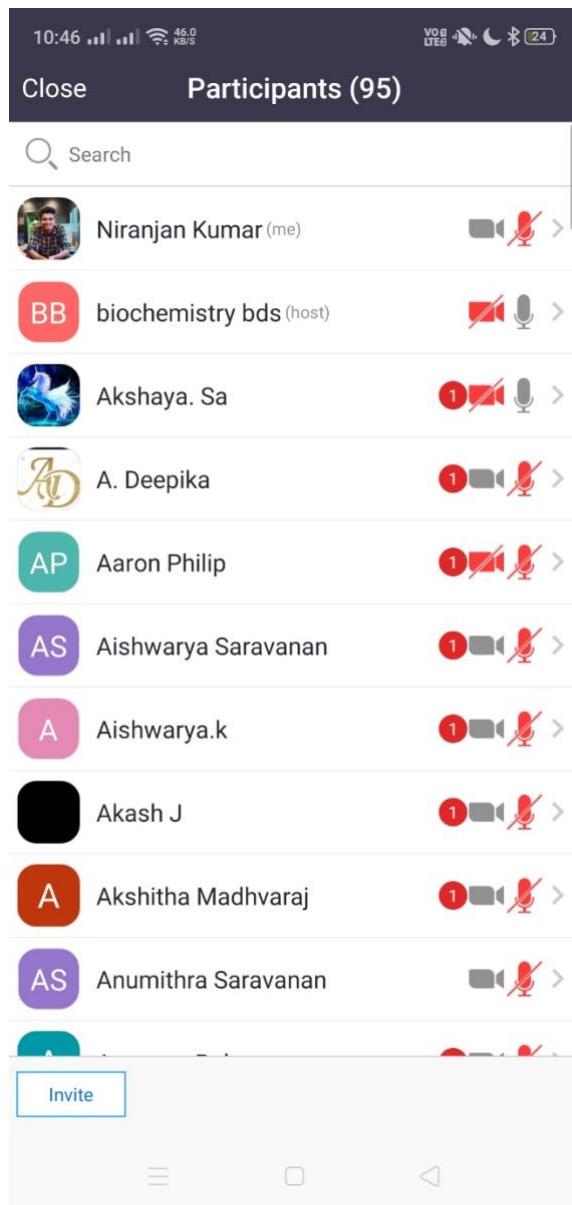
PARTICIPANTS VIDEO TILES













































































Chettinad
Dental College & Research Institute





 AS Ashwini Sankar  	 Godlin Darcus  	 M Madhu Mitha  
 AP Astalakshmi P  	 Gunali G.V  	 MR Manimozhi. R  
 Avanthika radhakrishnan  	 HN Harini Natarajan  	 ML Manoj L  
 badma priya  	 H Harini Saravanan  	 MP Mary Pon Anusha G  
 b Bavatharine Purushotha...  	 H Haripriya V  	 N Navin  
 B Bharanidharan.A  	 HA Harshavimal Aravind  	 NR Nandhini R  
 Bhuvanesh G  	 J Jane Cardilia  	 Narmadha Srinivasan  
 charu lekha  	 JM Jayashree M  	 Nicky chandrasekaran  



Chettinad

Dental College & Research Institute



Nicky chandrasekaran



NIRUVINDA S



Nithyashree.R



NOWFIYA FATHIMA



PK



Pooja Theenathayalan






















Pravin Rajendran



Preethika Rengabashyam






































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



Chettinad

Dental College & Research Institute

















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

SS	Sthuthi Stazy		
SR	Subashree Renganathan		
S	Subha Abinethri		
SD	Subhashree Dhanaraj		
SG	Surya gayathri		
	Sushurutha ananthan		
TV	TANVI V SHUKLA		
TD	Thanushree Duraisami		



Chettinad

Dental College & Research Institute

TD	Thanushree Duraisami		
TR	Trisha Ravichandran		
VN	Vaish Navi		
VK	Varun Krishna		
VM	Vignesh Mani KU		
WV	Vishnusri V		
YR	Yuvashree Ravishankar		
Z	Zenitha Paramashivam		

RECORD OF e CLASS USING ZOOM WEBINAR**ZOOM WEBLINK:338841309****TOTAL NUMBER OF PRESENT:92**

PRESENTATION	LECTURE
TOPIC	INTRODUCTION TO ANATOMY AND PHYSIOLOGY OF KIDNEY
PRESENTER	DR.SHANTHI
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	19.05.2020
TIMING	9.30 AM TO 10.30 AM
UG PARTICPANTS	FIRST YEAR BDS 2019 - 2020



Chettinad

Dental College & Research Institute

Renal_Function_Test_2018-19 [Compatibility Mode] - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View

Cut Copy Paste Format Painter Clipboard

Layout Reset Delete New Slide Slides

Font Paragraph Drawing

Text Direction Align Text Convert to SmartArt

Shape Fill Shape Outline Shape Effects

Find Replace Select Editing

MARKERS FOR CLEARANCE TEST

- Characteristic of an ideal marker for measuring GFR
- Not metabolized by our body
- It is freely filtered by the glomerulus
- Neither reabsorbed nor secreted
- Safe and inexpensive

Endogenous Markers

1. Creatinine
2. Urea
3. β_2 microglobulin
4. Cystatin C

Exogenous Markers

1. Inulin Clearance
2. ^{51}Cr -EDTA
3. ^{125}I - Iothalamate

Click to add notes

Slide 10 of 19 "Oriol"

Renal_Function_Test_2018-19 [Compatibility Mode] - Microsoft PowerPoint

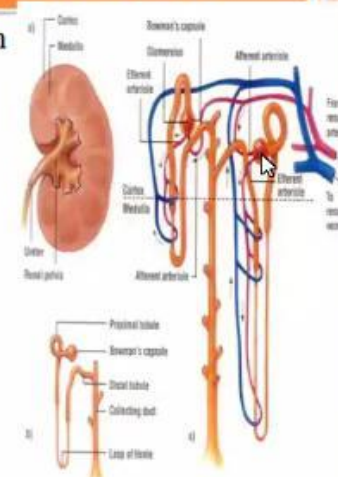
Home Insert Design Animations Slide Show Review View

Clipboard Slides Font Paragraph Drawing Editing

Slides Outline

INTRODUCTION TO ANATOMY AND PHYSIOLOGY OF KIDNEY

- Functional unit of kidney is nephron
- Each kidney has approximately 1 million nephrons
- Each nephron consists of
 - Glomerulus
 - Bowman's capsules
 - Proximal convoluted tubule
 - Loop of henle
 - Distal convoluted tubule
 - Collecting ducts



Click to add notes

Slide 2 of 19 "2_Oriel"



GFT [Compatibility Mode] - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View

Cut Copy Paste Format Painter Clipboard

New Slide Reset Delete Slides

Font Paragraph Drawing Editing

Slides Outline

1 D-GASTRIC FUNCTION TESTS

2

- Bismuth is a succinate of bismuth hydroxide.
- It has a great chewing ability which promotes digestion.
- Bismuth subcitrate (BSC) is a precursor (precursor) which are responsible for the inhibition of digestive process.
- The products absorbed in the stomach (precursor) active acids enhance the release of gastrin into the blood.

3

Secretion of gastric HCl

- The parietal (parietal) cells of gastric glands produce HCl.
- The pH in the gastric lumen is as low as 1.0.
- The parietal cells are responsible for the regulation of the blood pH.
- The parietal cells are responsible for the regulation of the blood pH.

4

GFT - INDICATIONS

To diagnose Gastric Ulcers

To exclude the diagnosis of Pernicious anaemia & Peptic ulcer

For presumptive diagnosis of Zollinger Ellison Syndrome

To determine the completeness of Surgical Vagotomy.

Click to add notes

Slide 4 of 16 "Flow"

66%



Zoom meeting interface showing a grid of 20 participants. The participants are arranged in a 4x5 grid. The bottom toolbar includes controls for Unmute, Stop Video, Participants (92), Chat, Share Screen, Record, Reactions, and a Leave button.

Participant Name	Participant Name	Participant Name	Participant Name	Participant Name
biochemistry bds	Siddhartha Silva	Subashree Renganathan	Anumithra Saravanan	prithiga m
Harini Natarajan	LOKESH.V.B	Bonthala Sreya	Nicky chandrasekaran	keerthiga lakshmi
Aishwarya.k	Haripriya V	Durga Suresh	Narmadha Srinivasan	Rahul Vishwanath
RAM SHWASTHIKA	Sushrutha ananthan	Harini Saravanan	sri vaishna	Fathina Abdul Majeed
Nandhini R	Gunali G.V	Aishwarya Saravanan	Surya Gayathri	Bhuvanesh G

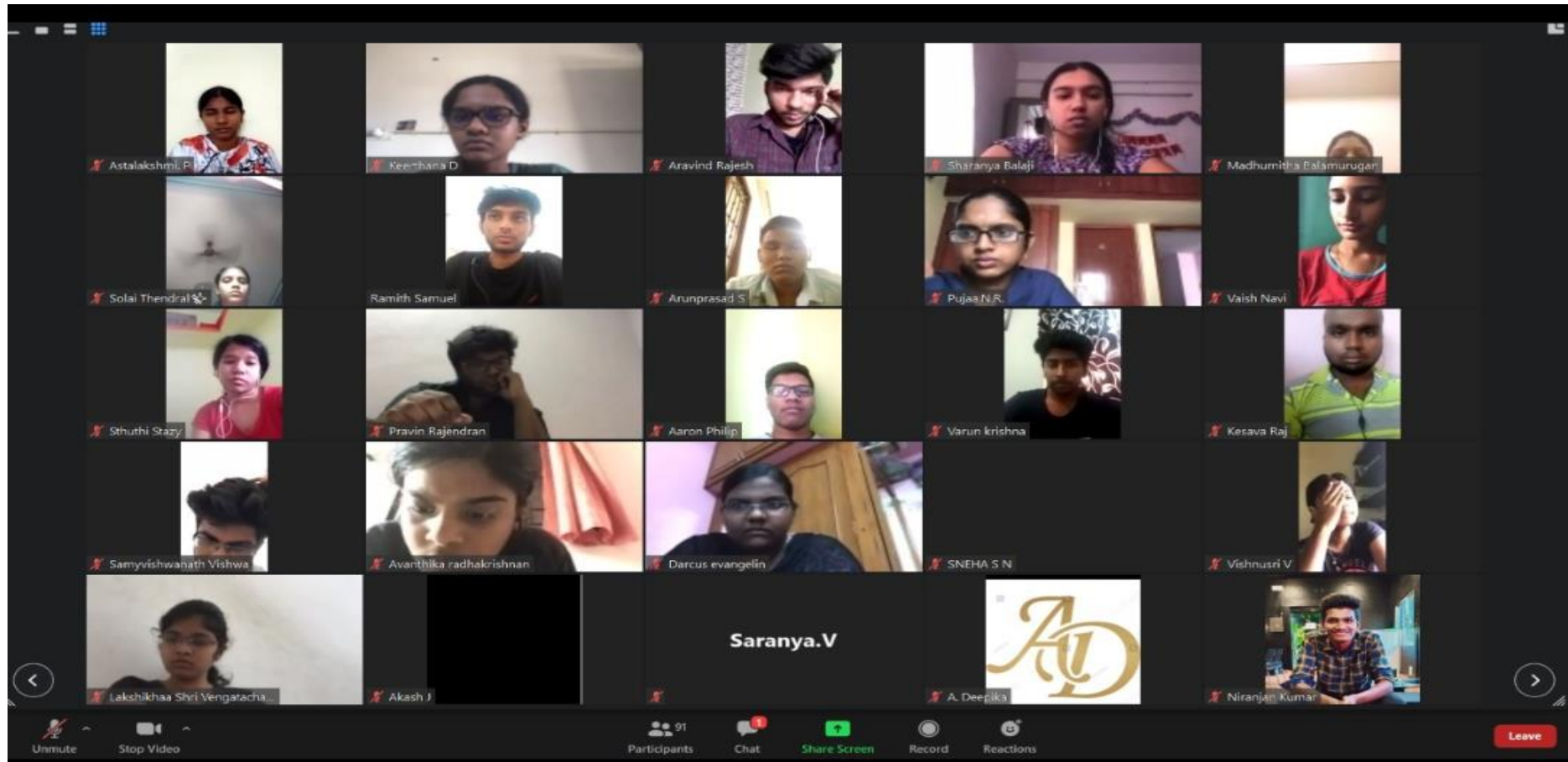
PARTICIPANTS VIDEO TILES



The screenshot displays a Zoom video conference interface with 20 participants arranged in a 4x5 grid. Each tile shows a participant's video feed and their name at the bottom. The participants are:

- Row 1: Manoj L., vandana vijayakumar, NIRUVINDA S, Priyanka R., Subhashree Dhanaraj
- Row 2: charu lekha, Trisha Ravichandran, Sri Sindhu, [Empty], Priya Dharshini . S
- Row 3: NOWFIYA FATHIMA, Tanvi V Shukla, Jane Cardilia F., Akshitha Madhvaraj, Aravind Selvamani
- Row 4: Bhavadharshini Manikandan, Nithyashree.R, Jayashree M., Anusaya Babu, badma priya
- Row 5: Divya Mohan, Divya Raji R, Keerthana Sudhakar, Zenitha Paramashivam, N Navin

The bottom toolbar contains the following controls: Unmute, Stop Video, Participants (92), Chat, Share Screen, Record, Reactions, and a red Leave button.





































The screenshot displays a Zoom meeting interface with a grid of 20 participants. The participants are arranged in a 4x5 grid. The bottom toolbar includes controls for Unmute, Stop Video, Participants (91), Chat (1), Share Screen, Record, Reactions, and a red Leave button. The central part of the grid shows a large video feed for Saranya.V, with a logo for 'AD' (Arundhati Dental) visible next to it. The participants' names are listed below their respective video feeds.

Participant Name	Participant Name	Participant Name	Participant Name	Participant Name
Astalakshmi P.	Keethana D.	Aravind Rajesh	Sharanya Balaji	Madhumitha Balamurugan
Solai Thendral	Ramith Samuel	Arunprasad S	Pujaa N.R.	Vaish Navi
Sthuthi Sazy	Pravin Rajendran	Aaron Philip	Varun krishna	Kesava Raj
Samyivishwanath Vishwa	Avanthika radhakrishnan	Darcus evangelin	SNEHA S N	Vishnusri V
Lakshikhaa Shyl Vengatacha...	Akash J.		A. Deepika	Niranjani Kumar

Close

Participants (92)


































 Search




































































































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














































Chettinad

Dental College & Research Institute

	Anusaya Babu	  >
	Aravind Rajesh	  >
	Aravind Selvamani	  >
	Arunprasad S	  >
	Ashwini Sankar	  >
	Astalakshmi. P	  >
	Avanthika radhakrishnan	  >
	badma priya	  >
	Bavatharine Purushothaman	  >
	Bharani Dharan	  >
	Bhavadharshine Manikandan	  >

 Bhuvanesh G   >	 Harini Natarajan   >	 Lakshikhaa Shri Vengatachalam   >
 Bonthala Sreya   >	 Harini Saravanan   >	 LOKESH.V.B   >
 charu lekha   >	 Haripriya V   >	 Madhu Mitha   >
 Daisy Mary   >	 Harshavimal Aravind   >	 Madhumitha Balamurugan   >
 Darcus evangelin   >	 Jane Cardilia F   >	 Manimozhi Ramesh   >
 Divya Mohan   >	 Jayashree M   >	 Manoj L   >
 Divya Raji R   >	 Kaviya   >	 Mary Pon Anusha G   >
 Durga Suresh   >	 Keerthana D   >	 N Navin   >
 Esha Rithika S   >	 Keerthana Sudhakar   >	 Nandhini R   >
 Fathina Abdul Majeed   >	 keerthiga lakshmi   >	 Narmadha Srinivasan   >
 Gunali G.V   >	 Kesava Raj   >	 Nicky chandrasekaran   >


























	Nicky chandrasekaran	 
	NIRUVINDA S	 
	Nithyashree.R	 
	NOWFIYA FATHIMA	 
	PK	 
	Pooja Theenathayalan	 
	Pravin Rajendran	 
	Preethika Rengabashyam	 

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



Chettinad


















Dental College & Research Institute

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



Chettinad

















Dental College & Research Institute

SS	Sthuthi Stazy		
SR	Subashree Renganathan		
S	Subha Abinethri		
SD	Subhashree Dhanaraj		
SG	Surya gayathri		
	Sushurutha ananthan		
TV	TANVI V SHUKLA		
TD	Thanushree Duraisami		



Chettinad

Dental College & Research Institute

TD	Thanushree Duraisami		
TR	Trisha Ravichandran		
VN	Vaish Navi		
VK	Varun Krishna		
VM	Vignesh Mani KU		
WV	Vishnusri V		
YR	Yuvashree Ravishankar		
Z	Zenitha Paramashivam		

RECORD OF e CLASS USING ZOOM WEBINAR

ZOOM WEBLINK:338841309

TOTAL NUMBER OF PRESENT:90

PRESENTATION	LECTURE
TOPIC	NUTRITION
PRESENTER	DR.RASHMI
DEPARTMENT	DEPARTMENT OF BIO CHEMISTRY
DATE	22.05.2020
TIMING	2.20 PM TO 3.20 PM
UG PARTICPANTS	FIRST YEAR BDS 2019 - 2020

Nutrition-1 (1) - Microsoft PowerPoint (Product Activation Failed)

File Home Insert Design Transitions Animations Slide Show Review View

Paste Cut Copy Format Painter New Slide Layout Reset Section Clipboard Slides Font Paragraph Drawing Editing Find Replace Select

Slides Outline

1 Nutrition
Dept of Biochemistry
CHRI

2 Nutrition
Nutrition is nourishment & energy (calorie) that is obtained from food.

3 Calorie
Energy is measured in food as Kilo calories (Kcal)
A food Calorie (Kcal) is defined as the amount of heat required to raise the temperature of 1 kg of water by 1°C
1 Kcal = 1000 calories = 1 Calorie

4 Measurement of Calories
Bomb calorimeter

Nutrition

Dept of Biochemistry
CHRI

Click to add notes

Slide 1 of 33 "Office Theme" English (India) 76% 14:27 22-05-2020

Nutrition-1 (1) - Microsoft PowerPoint (Product Activation Failed)

File Home Insert Design Transitions Animations Slide Show Review View

Paste Cut Copy Format Painter New Slide Layout Reset Section Clipboard Slides Font Paragraph Drawing Editing

Slides Outline

1 Nutrition
steps of Biochemistry
(24)

2 Nutrition
Nutrition is nourishment & energy (calories)
that is obtained from food.

3 Calorie
• Energy is measured in food as Kilo calories (Kcal)
• A food Calorie (Kcal) is defined as the amount of heat required to raise the temperature of 1 kg of water by 1°C
• 1 Kcal = 1000 calories = 1 Calorie

4 Measurement of Calories
Bomb calorimeter

Calorie

- Energy is measured in food as Kilo calories (Kcal)
- A food Calorie (Kcal) is defined as the amount of heat required to raise the temperature of 1 kg of water by 1°C
- 1 Kcal = 1000 calories = 1 Calorie

Click to add notes



Slide 3 of 33 "Office Theme" English (India) 76% 14:29 22-05-2020

Type here to search

Microsoft PowerPoint interface showing a presentation slide titled "Measurement of Calories".

The slide content includes:

Measurement of Calories



Bomb calorimeter

Click to add notes

Slide 4 of 33 | Office Theme | English (India) | 14:30 22-05-2020

The slide is part of a presentation with the following outline:

- 1. Nutrition
 - Unit of Biochemistry (Joule)
- 2. Nutrition
 - Nutrition is nourishment & nourishment is obtained from food.
- 3. Calorie
 - Energy is measured in food as Kilo calories (Kcal)
 - A food Calorie (Kcal) is defined as the amount of heat required to raise the temperature of 1 kg of water by 1°C
 - 1 Kcal = 1000 calories = 1 Calorie
- 4. Measurement of Calories
 - Bomb calorimeter



Chettinad
Dental College & Research Institute

biochemistry bds

Vignesh Mani K U

Siddhartha Siva

prithiga m

Narmadha Srinivasan

vendana vijayakumar

Subashree Renganathan

Gunali G.V

RAM SHWASTHIKA

Harini Natarajan

Haripriya V

N Navin

Akshitha Madhvaraj

Nicky chandrasekaran

Aishwarya Saravanan

Jane Cardilia

Harini Saravanan

Kaviya

NIRUVINDA S

Sushurutha ananthan

Divya Mohan

Trisha Ravichandran

Darcus evangelin C

keerthiga lakshmi

Durga Suresh

Unmute

Stop Video

Participants 91

Chat

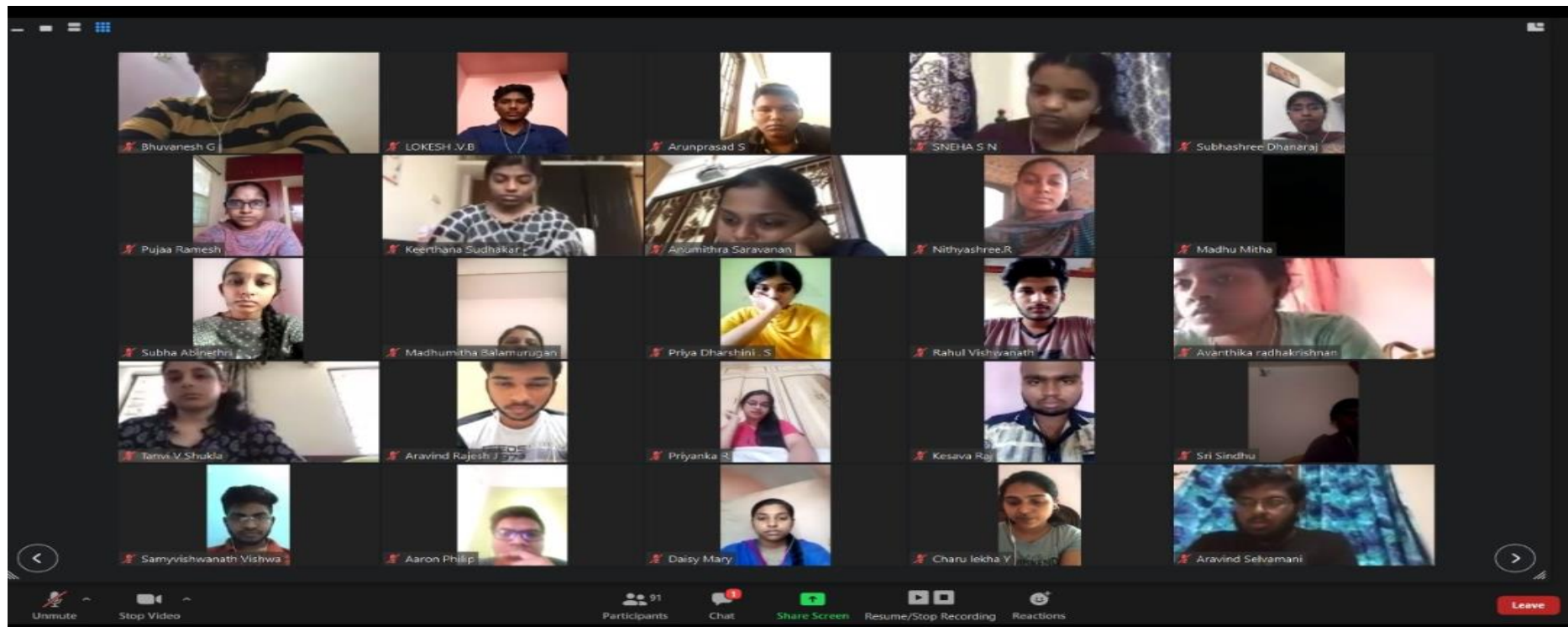
Share Screen

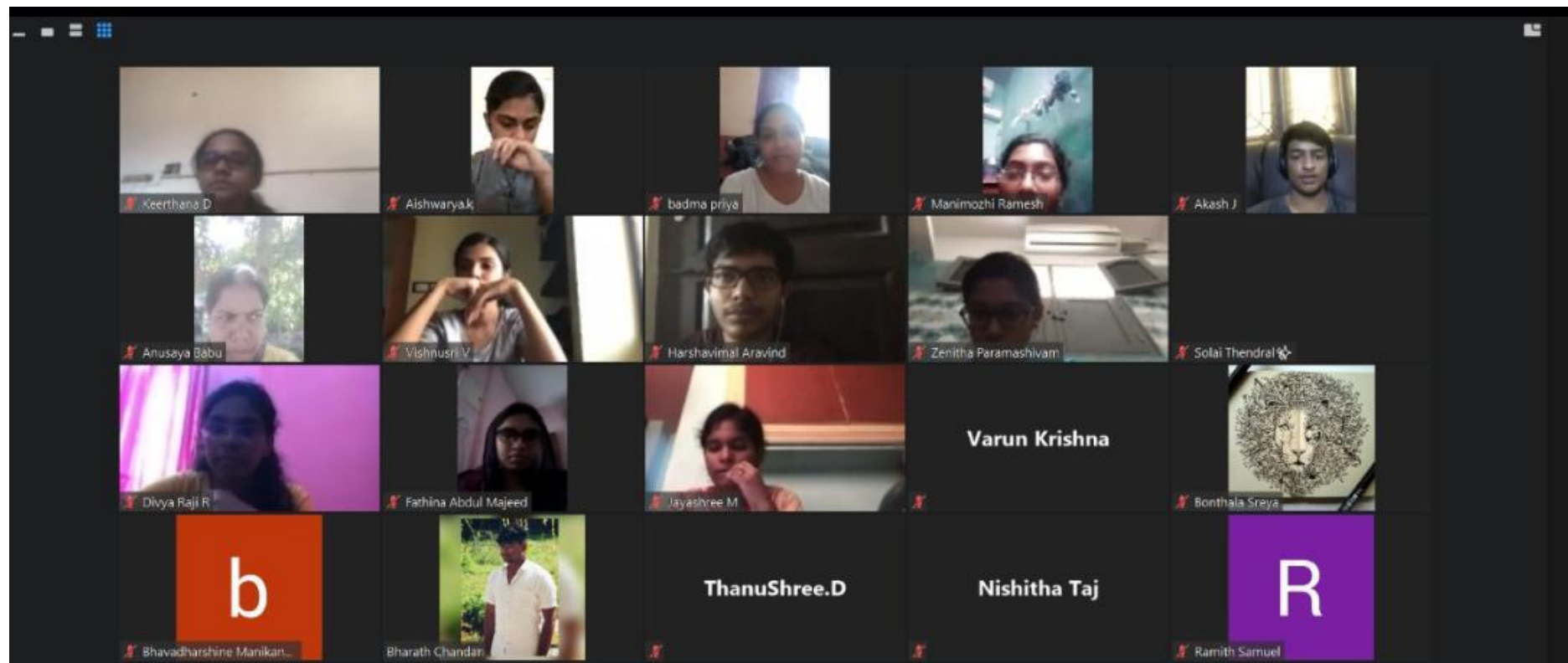
Resume/Stop Recording

Reactions

Leave

PARTICIPANTS VIDEO TILES







Chettinad

Dental College & Research Institute

Participants (90)

	Bhuvanesh G (me)		
	biochemistry bds (Host)		
	Bharath Chandar		
	A. Deepika		
	Aaron Philip		
	Aishwarya Saravanan		
	Aishwarya.k		
	Akshaya. Sa		

























Participants (90)

	Akshitha Madhvaraj		
	Anumithra Saravanan		
	Anusaya Babu		
	Aravind Rajesh J		
	Aravind Selvamani		
	Arunprasad S		
	Astalakshmi. P		
	Avanthika radhakrishnan		

Participants (90)

	badma priya		
	Bharani Dharan		
	Bhavadharshine Manika...		
	Bonthala Sreya		
	Charu lekha Y		
	Daisy Mary		
	Darcus evangelin C		
	Deepthishri Senthilkumar		

	Divya Mohan		
	Divya Raji R		
	Durga Suresh		
	Esha Rithika S		
	Fathina Abdul Majeed		
	Gunali G.V		
	Harini Natarajan		
	Harini Saravanan		

Participants (91)			
	Haripriya V		
	Harshavimal Aravind		
	Jane Cardilia		
	Jayashree M		
	Kaviya		
	Keerthana D		
	Keerthana Sudhakar		
	keerthiga lakshmi		

	Kesava Raj		
	LOKESH .V.B		
	Madhu Mitha		
	Madhumitha Balamurug...		
	Manimozhi Ramesh		
	Manoj L		
	Mary Pon Anusha G		
	N Navin		






Chettinad

Dental College & Research Institute

Participants (91)




 Narmadha Srinivasan  




 Nicky chandrasekaran  

 NIRUVINDA S  

 Nishitha Taj  

 Nithyashree.R  

 Pooja Theenathayalan  




 Praveen kumar  




 Pravin Rajendran  




 Preethika Rengabashyam  

 prithega m  

 Priya Dharshini . S  

 Priyanka R  

 Pujaa Ramesh  

 Rahul Vishwanath  

 RAM SHWASTHIKA  

 Ramith Samuel  



Chettinad

























Dental College & Research Institute

	Samyuktha B	 
	Samyvishwanath Vishwa	 
	Saranya.V	 
	Siddhartha Siva	 
	SNEHA S N	 
	Solai Thendral ✨	 
	Sri Sindhu	 
	sri vaishna	 



Chettinad


Dental College & Research Institute

	Sthuthi Stazy	 
	Subashree Renganathan	 
	Subha Abinethri	 
	Subhashree Dhanaraj	 
	Surya Gayathri	 
	Sushurutha ananthan	 
	Tanvi V Shukla	 
	ThanuShree.D	 



Chettinad













Dental College & Research Institute

TR	Trisha Ravichandran		
VN	Vaish Navi		
VV	vandana vijayakumar		
VK	Varun Krishna		
VV	Vishnusri V		
YR	Yuvashree Ravishankar		
Z	Zenitha Paramashivam		
AS	Ashwini Sankar		



Chettinad

Dental College & Research Institute

TV	Tanvi V Shukla	 
T	ThanuShree.D	 
TR	Trisha Ravichandran	 
	U. Abinaya	 
VN	Vaish Navi	 
VK	Varun Krishna	 
YR	Yuvashree Ravishankar	 
Z	Zenitha Paramashivam	 