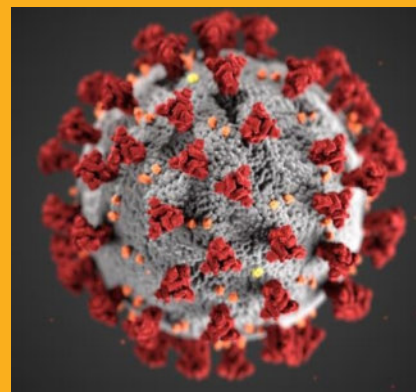


The Department of Biochemistry
presents an online Student Seminar
from 2-4 January 2022



Pandemic Era:

Seeking A Magic Bullet!

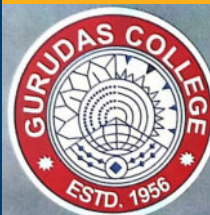


OUR DEPARTMENT OF BIOCHEMISTRY WILL ORGANISE A THREE-DAY ONLINE SEMINAR FROM 2-4 JANUARY 2022 UNDER THE PATRONAGE OF OUR RESPECTED PRINCIPAL, MADAM. THE SEMINARS WILL BE DELIVERED ON GOOGLE MEET.

ALL TEACHING AND NON-TEACHING STAFF ARE CORDIALLY INVITED TO PARTICIPATE. WE WOULD ALSO LIKE TO INVITE STUDENTS FROM ALL DISCIPLINES TO ATTEND THIS EVENT.

YOUR ACTIVE PARTICIPATION WILL MAKE THIS SEMINAR A GRAND SUCCESS.

Platform: Google Meet
Time: 7 p.m. Each Day
(Link will be shared in the WhatsApp groups prior to the event on each day.)



**Gurudas
College**



Day 1



2 January 2022

Session 1

Tanushree Paul

Sayani Saha

Shayan Dutta

Koushiki Saha

Tuhin Mukherjee

COVID-19 Pandemic

Omicron

SARS-COV-2 Omicron Variant

COVID-19 Delta Variant

**Biosensors and Its Application
in Detection of SARS CoV 2**

Proteomics

From Teacher's Desk

Dr. Anamika Basu

**Phytochemicals for Combating
SARS CoV 2 Infection**

Session 2

Asmita Paul Chowdhury

Swananya Majumder

Debanjan Pal

Ushnish Sengupta

Swarup Das

Blood Diseases

Sickle Cell Anaemia

**Alpha and Beta Thalassaemia
Anaemia**

**Stem Cell Therapy and Other
Bioethical Considerations**

Phenomenon of Dominance



Day 2



3 January 2022

Session 3 Infectious Diseases

Oyndrika Mitra

Sarita Singh

Shobhandev Sana

Bipasha Dey Sutradhar

Parthita Das

Botulism

Typhoid Fever

Hepatitis B Virus

Pulmonary Tuberculosis

CRISPR

Session 4 Noninfectious Diseases I

Soumyajit Ghosh

Tanisha Poddar

Shreya Saha

Asmita Chatterjee

Subhajit Saha

Lesch Nyhan Syndrome

Diabetes

SCID

Tay Sachs Disease

5-Alpha Reductase Deficiency

From Teacher's Desk

**Dr. Bhaswati Saha Samanta,
HOD**

**Protein Kinases:
Players of Signal Transduction**



Day 3

4 January 2022



Session 5

**Rupayan Bhattacharjee
Bhaskar Jyoti Roy
Aniket Chakraborti
Dipayan Sarkar**

Noninfectious Diseases II

**MELAS Syndrome
Sleep Paralysis
Cancer
Cholecystectomy**

Session 6

**Amisha Paul
Ayandip Das
Angshita Das

Soham Kumar Ray**

Miscellaneous

**Ramachandran's Plot
Nitrogen Cycle
Cannabis sativa
and Phytocannabinoids

Role of Fluorescence Quenching
In Protein Folding Studies**

From Teacher's Desk

Prof. Anindya Bhattacharyya

**What Steve Jobs Didn't Conjure
Up for Plants!**