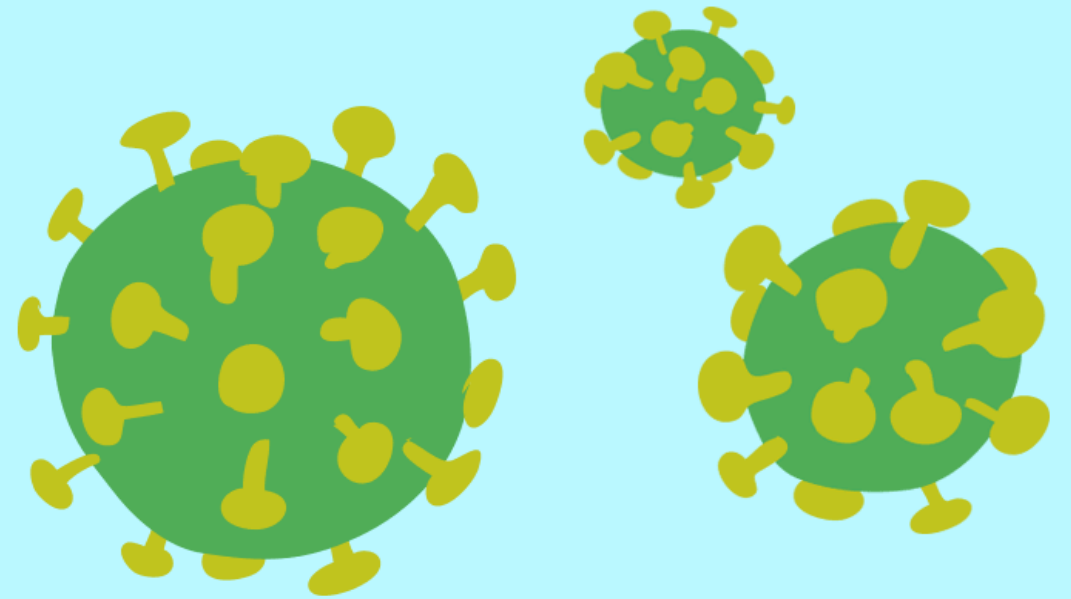
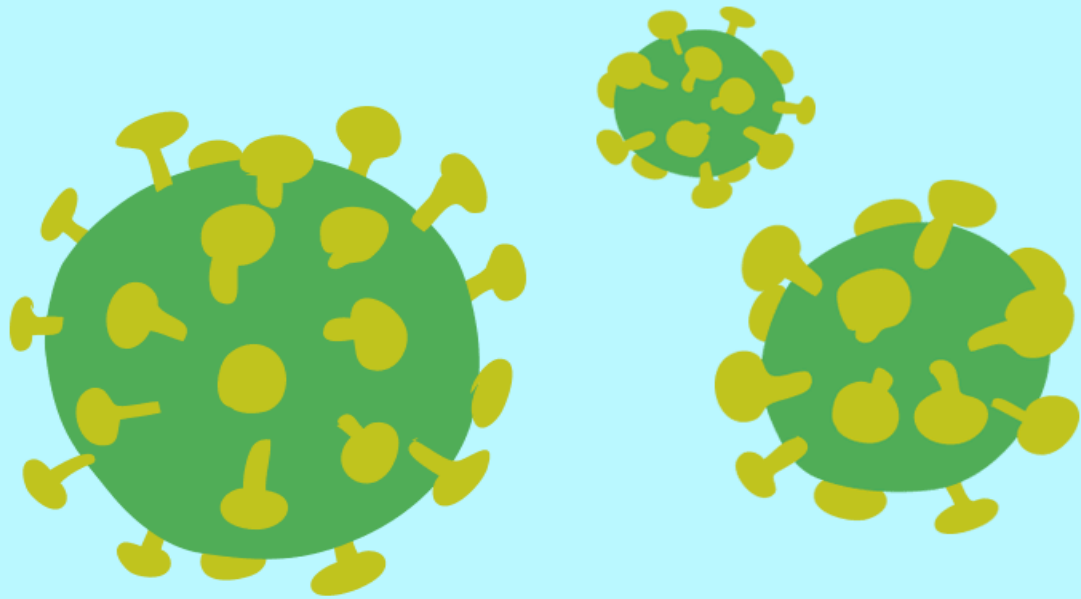


**GOVERNMENT COLLEGE
OF EDUCATION,
BURDWAN**

**AWARENESS PROGRAMME ON
CORONA VIRUS THIRD WAVE**

CORONA VIRUS

THIRD WAVE



'EARLY STAGES' OF COVID-19 THIRD WAVE

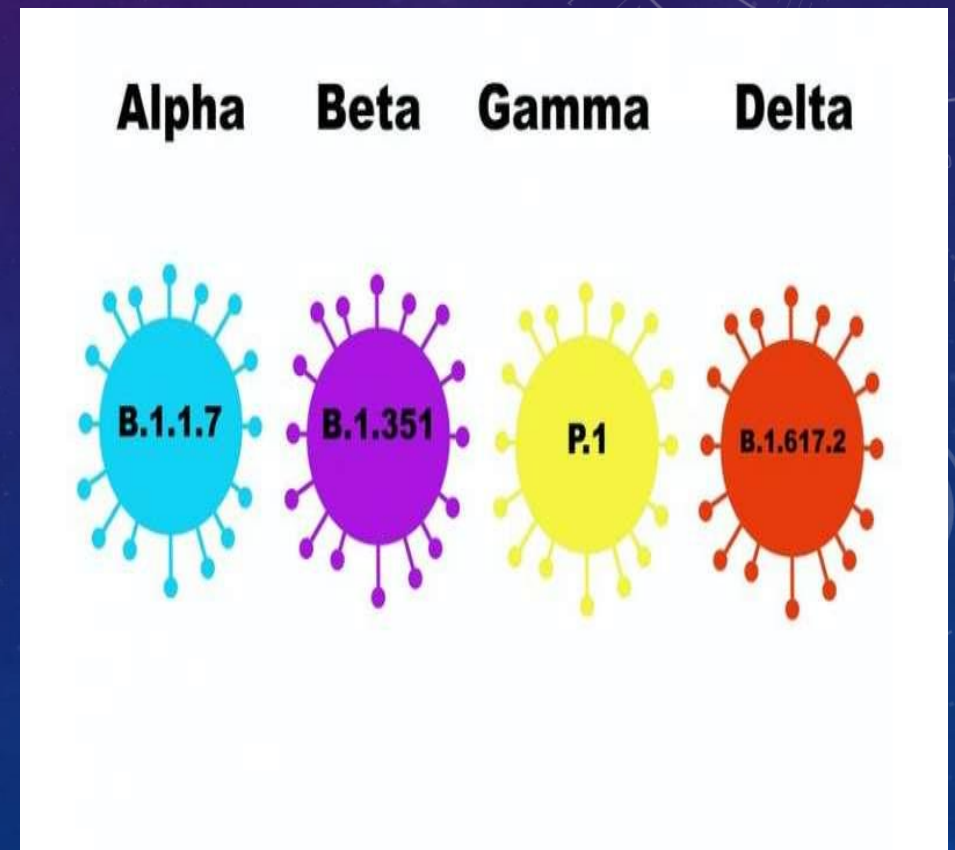
Spread of delta variant

Increase in social mobility

Inconsistency of public health measures

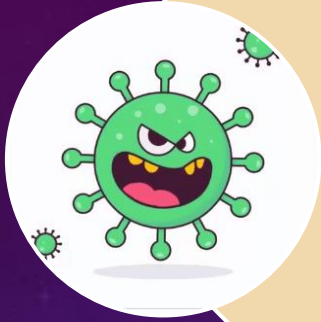
THE DELTA VARIANT

Delta is the B.1.617.2. variant of SARS-CoV-2 mutation. Originally surfaced in India. The first Delta case identified in December 2020. The strain spread rapidly, soon becoming the dominant strain of the virus in both India and then Great Britain.

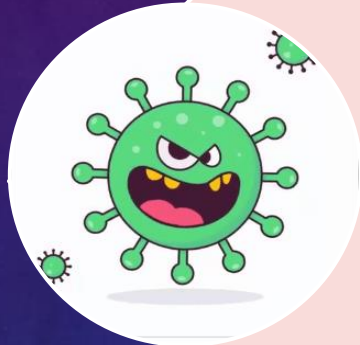


THE DELTA VARIANT

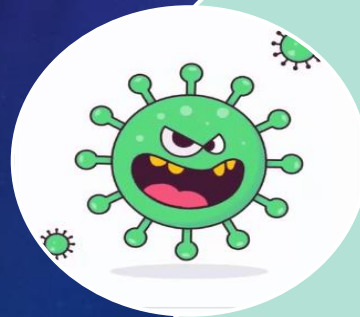
The Delta variant is now in more than 111 countries and we expect it to soon be the dominant Covid-19 strain circulating worldwide



Delta is more contagious than the other strains



Unvaccinated people are at risk.



Vaccination is the best protection

SYMPTOMS OF DELTA VARIANT

HEADACHE

SORE THROAT

RUNNY NOSE

The current top five symptoms of COVID-19

All variants (including current dominant delta variant), UK self-reported symptoms from ZOE COVID study, up to June 23 2021.



1. headache



2. sore throat



3. runny nose



4. fever



5. persistent cough.



IS IT SPREADING IN INDIA

As of 22 June

Three states - **Maharashtra, Kerala and
Madhya Pradesh** - are reporting cases
of the **delta plus variant**

CASES REPORTED

21

MAHARASHTRA

Ratnagiri: 9



Jalgaon: 7



Mumbai: 2



Sindhudurg, Thane,
Palgarh: 1 each



4

MADHYA PRADESH

All in Shivpuri



3

KERALA

Palakkad: 2



Pathanamthitta: 1



CORONA PROTOCOLS

INUTH



CORONAVIRUS PRECAUTIONS: WHAT TO DO & WHAT NOT TO

COVID-19 PRECAUTIONS

WEAR YOUR FACE MASK

For Everyone's Protection



DELTA STATE
UNIVERSITY

Join In. Stand out.

www.deltastate.edu/coronavirus

COVID-19 PRECAUTIONS

WASH HANDS WITH SOAP FREQUENTLY



DELTA STATE
UNIVERSITY

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COVID-19 PRECAUTIONS

PRACTICE SOCIAL DISTANCING



DELTA STATE
UNIVERSITY

Join In. Stand out.

www.deltastate.edu/coronavirus

WEAR MASK



HAND WASHING



SOCIAL DISTANCING

SOCIAL



DISTANCE

Keep Safe During the COVID-19 Outbreak PRACTICE SOCIAL DISTANCING

AVOID

- Group Gatherings
- Playdates & Sleep Overs
- Concerts
- Theatre Outings
- Athletic Events
- Crowded Retail Stores
- Malls
- Workouts in Gyms
- Visitors in your Home
- Non-essential workers in your house
- Mass Transit Systems
- Libraries
- Church

USE CAUTION

- Visit Grocery Store
- Get Takeout
- Pick Up Medications
- Visit a Park
- Maintain a 6' Distance from Others

SAFE TO DO

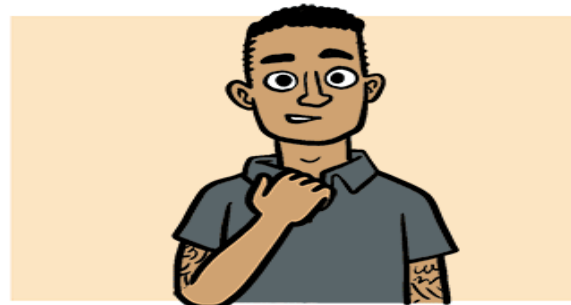
- Go for a Walk or Hike
- Yard Work
- Play in Your Yard
- Clean Out the Closet
- Read a Good Book
- Listen to Music
- Cook a Meal
- Order Takeout
- Family Game Night
- Go for a Drive
- Group Video Chats
- Stream a Favorite Show
- Check on a Friend
- Check on an Elderly Neighbor

KEEP YOUR DISTANCE

ALTERNATIVES TO HANDSHAKES, HUGS, HIGH FIVES AND HONGI



THE WAVE



THE HAND ON HEART



NAMASTE



NZSL: HOW ARE YOU?



THE 'HI-BROWS'



THE 'ALL GOOD' NOD



THE 'EAST COAST WAVE'



THE 'WHAT A WORLD EH?'

VACCINATION FOR ALL



READY for the
COVID VACCINE



Get Vaccinated Today



Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. ut enim ad min

2019-NCOV
CORONAVIRUS
VACCINE

VACCINATION-FACTS AND FIGURES



26.9% world population-1 doze of vaccine

13.4% world fully vaccinated

6.3% Indian population fully vaccinated

18% Indians partly vaccinated

Vaccination- best protection against Delta.

Vaccination is important but that alone will not stop the pandemic



VACCINATION



If only **SOME**
get vaccinated...

the COVID-19
virus spreads.

If **MOST** get
vaccinated...

the COVID-19
virus is contained.



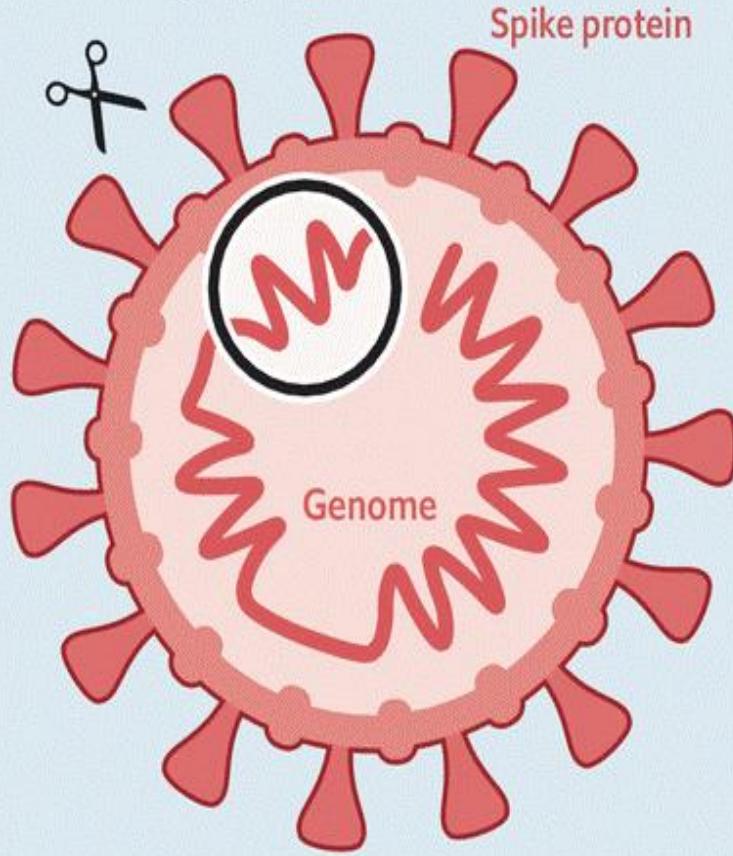
● Non-vaccinated, sick, contagious ● Healthy, non-vaccinated ● Healthy, vaccinated

Armed intervention

Genetically engineered covid-19 vaccine types

Take the virus and make a...

Isolate the gene which describes the SARS-CoV-2 spike protein and...

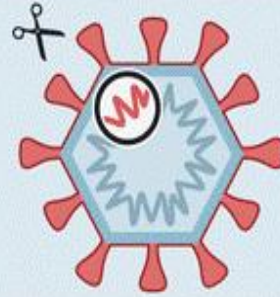


Source: *The Economist*

HOW VACCINE WORKS

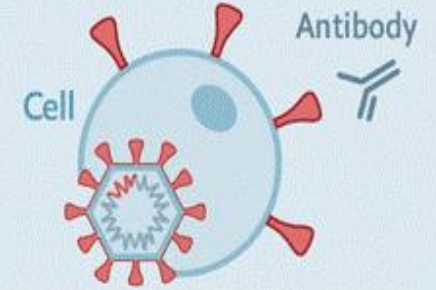
...vaccine...

...for a **recombinant vector vaccine**, put it in another virus so that it makes spike proteins too.



...which shows the immune system this

Cells infected by the vaccine produce spike protein as if they were infected by SARS-CoV-2



...for a **subunit vaccine**, use it to mass produce spike proteins.



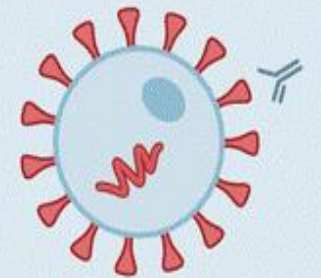
Lots of copies of free-floating spike protein



...for a **nucleic-acid vaccine**, just make lots of copies of the spike protein gene.



Cells which have taken up the gene producing spike protein and thus looking infected

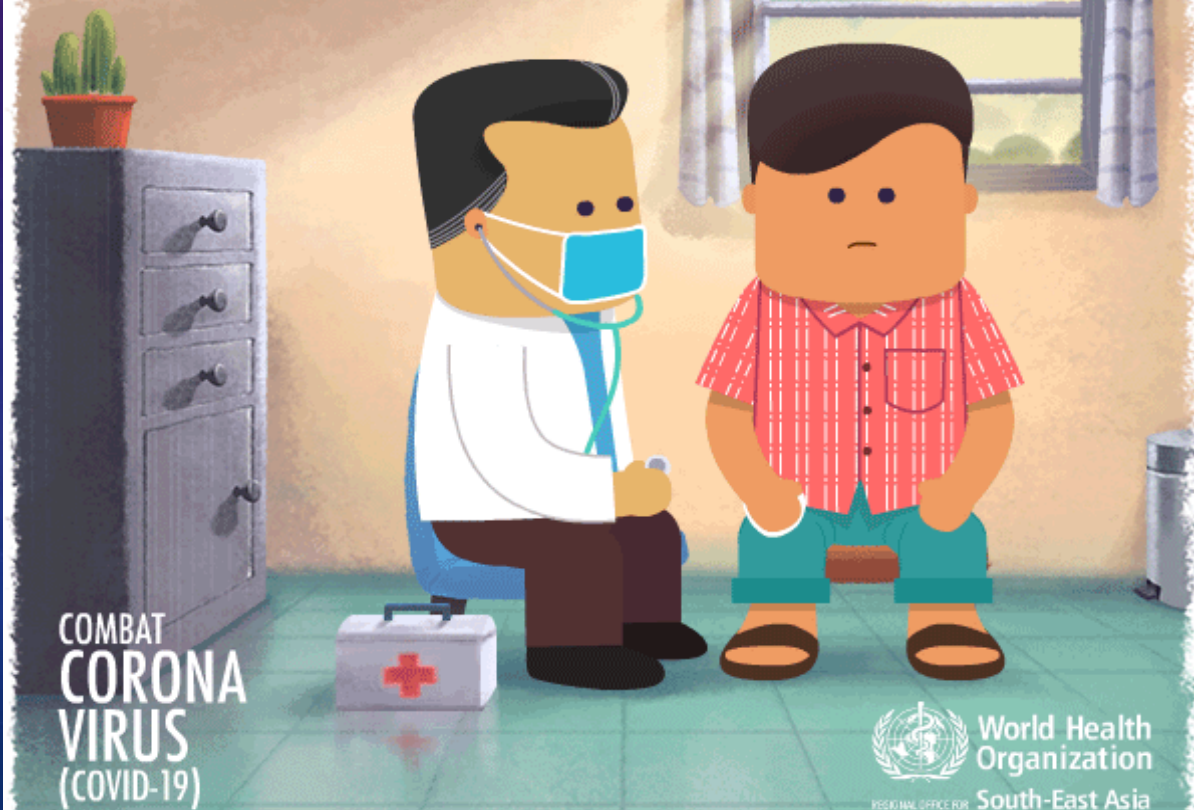


FIGHT THE THIRD WAVE

कोरोना बीमारी
से लड़ो, बीमार
से नहीं



Seek immediate medical
advice if you have fever,
cough or are experiencing
breathing difficulties.



COMBAT
CORONA
VIRUS
(COVID-19)

 World Health
Organization
REGIONAL OFFICE FOR
South-East Asia

THANK YOU

