

A webinar is arranged by the Department of Chemistry on “Structural aspects of Covid-19” by Dr.M.Kavitha, Asst. professor, Department of Chemistry, University for Women, O.U, Koti, Hyd. (A.Y-2020-21)

Government Degree College, Kukatpally  
Medchal Dist.

Invites you to a Webinar  
On  
**Structural aspects of COVID-19 – Drug targets**

 **Dr. M. Kavitha,**  
Assistant Professor  
Department of Chemistry  
University College For Women  
Osmania University, Koti,  
Hyderabad

**Date : 15-05-2020**  
**Time : 11:30 am**

 **Meeting ID: 664 013 2567**  
**Password: 205599**

**Organized by:** **Dr. N. Alivelu Mangamma**  
**Department of Chemistry** **Principal**

Zoom

Schematic representation of the coronavirus replication cycle showing the potential therapeutics against different virus-based (red) and host-based (blue) targets for coronavirus drug repurposing.

The diagram illustrates the coronavirus replication cycle. It shows the virus entering the cell, its RNA being translated into proteins, and the formation of a replication-translation complex. Key targets are highlighted: red for virus-based and blue for host-based. Targets include the RNA-dependent RNA polymerase (RdRp), the spike protein, the hemagglutinin-like protein (HEP), the nucleocapsid protein (N), and the host's endoplasmic reticulum (ER) and Golgi apparatus. The diagram also shows the virus budding and release from the cell.

Zoom meeting grid showing four participants: a woman in a yellow sari, a woman in a red sari, a woman in a green sari, and a man in a white shirt.

## Extension lecture

Date: 15/5/2020

Title: Structural aspects of COVID-19- Drug targets

Speaker Name: Dr. M. Prashanthi,  
Asst. Professor, Dept. of Chemistry  
Mahatma Gandhi University,  
Nalgonda, Telangana.



**INVITED TALK ON  
SKILL ENHANCEMENT  
DURING COVID-19 LOCKDOWN**  
(ON 15th MAY, 2020 at 6:30 pm)

**ORGANIZED  
BY**

**GOVT. DEGREE COLLEGE  
KUKATPALLY, HYD.  
Dist : MEDCHAL**

**SPEAKER**  
Dr. M. PRASHANTHI  
ASST. PROFESSOR  
HEAD OF THE DEPT.  
DEPT. OF CHEM. & PHARM SCIENCES  
MAHATMA GANDHI UNIVERSITY  
NALGONDA

**CONVENOR**  
Dr. NIKHAT ANJUM  
HEAD OF THE DEPARTMENT  
DEPT. OF CHEMISTRY  
GDC, KUKATPALLY, MEDCHAL DIST.

