

# UDAI PRATAP COLLEGE, VARANASI

(An Autonomous Institution)



## SCIENCE AND SOCIETY

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Department of Biotechnology,  
Govt. of India, New Delhi



Keynote Speaker:

**PROF. SUNIT KUMAR SINGH**

Head, Molecular Biology Unit  
Institute of Medical Sciences

Banaras Hindu University, Varanasi

Date: 04 February, 2022; Time: 02:30pm



**Popular Lecture 01: SARS-COV2: What we have learnt so far**



Live on YouTube: <https://youtu.be/FOUt-FErTDA>

Dr. Sunit Kumar Singh is a Professor of Molecular Immunology & Virology. His work area is Molecular pathogenesis of Emerging and Re-emerging Viruses. He uses most of the molecular biological tools to answer his research question related to viruses. He has done marvelous work in the virology specially Zika virus (ZIKV), Chikungunya virus, Japanese Encephalitis, and newly emerged SARS-COV2 (an infectious agent causing Covid-19). Prof. Singh recently uncovered and reviewed the mechanism of airborne transmission of SARS-COV2. He emphasized that inhalation of small droplets laden with CoV-2 particles is one of the major routes for its spread from symptomatic as well as asymptomatic patients. Small particulate matter (PM), aerosol present in the air, temperature and humidity also augment the persistence and spread of the virus. His innovative idea and research have increased our understanding of the current pandemic period.