To date, no effective anti-viral, immunomodulatory therapies or vaccine for COVID 19 has been reported, making symptom directed supportive measures as the conventional practice for treatment and Personal Protective Equipment (PPE) as preventive devices to control transmission. A holistic approach for a protective face mask impregnated with a polyherbal anti-viral extract form Northeast India may prove to be a novel idea against the epidemic spread of COVID 19. Moreover, it would be very beneficial if a ligand library of phytoconstituents obtained from Indian plants with known anti-viral properties is prepared and screen them through molecular docking studies in the hope of obtaining potential drug candidates which can be effective antiviral agents against the deadly COVID-19 strain of Corona viruses. PIPS

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\*On Clicking the tab ‘Funded Projects Sanctioned’, below mentioned table will appear

#Approximate publication, count may vary

\*SrimantaSankaradeva University of Health Sciences

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| --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Title of Project** | **Principal Investigator (PI)** | **Co-Principal Investigator (Co-PI)** | **Sponsoring Agency** | **Sanctioned Amount** | **Status** |
| 2020 | Molecular docking and *in silico* screening studies of selected phytoconstituents from Indian plants against 1UJ1, 6NUR and 6LU7, the three major target enzymes of COVID-19 | Dr.Chandrajit Dohutia | Dr. Satyendra Deka | SSUHS | Rs 65,000.00 | Ongoing |
| 2020 | Development and fabrication of a state-of-the-art COVID-19 combat-ready breathable anti-viral herbal extract impregnated water-repellant reusable facemask | Mr. Manash Pratim Pathak | - | SSUHS | Rs 3,86,640.00 | Ongoing |