

International Journal Publication by the M.Sc. Students of GSFC University on COVID – 19 research work

Industrial training and a research-based curriculum are one of the unique features of GSFC University. For this reason, a compulsory dissertation thesis work was introduced in the final semester of our M.Sc. Chemistry program. Identifying research problems, Solving those using students' talent, scientific writing skills, presentation skill improvement are the main key point behind this unique curriculum. When the 2nd wave of COVID – 19 forced all educational institutes to close their door temporarily for students then our students took this COVID topic for their research of M.Sc. chemistry dissertation. When it was almost impossible to carry out any lab work inside the campus, then our three PG students Mr. Mahendiali Palsaniya, Ms. Bansari Patel, and Mr. Dhruvin Kumar Patel starts computation modeling of some probable hypothetical drug and theoretical investigation of their interaction with some suitable SARS-CoV-2 protein. Carvacrol is a known natural antiviral drug. With this small idea, they hypothetically designed some with increasing the number of phenolic OH groups. Students had investigated the impact of these designed drug molecules with SARS CoV-2 protein. All this research work they did under the supervision of Dr. Mriganka Das, Assistant Professor, Chemistry Department. The outcome of their research work is published recently in an international journal "Journal of Biomedical Research & Environmental Sciences" (ISSN – 2766-2276). The title of their research article is "Effect of Positional Isomerism on Some Alcohol-Based Drug towards Anti-Viral Activity against SARS Cov-2: A Molecular Modeling Based Investigation".



Research Article Title:
 Effect of Positional Isomerism on Some Alcohol Based Drug towards Anti-Viral Activity against SARS Cov-2: A Molecular Modeling Based Investigation

Journal Name:
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