

भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद
Indian Institute of Information Technology, Allahabad

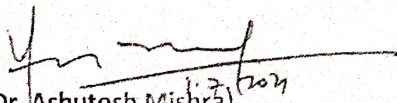
An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Prayagraj-211015 (U.P.) INDIA

Ph.: 0532-2922025, 2922067, Fax : 0532-2922125, Web : www.iita.ac.in, E-mail : contact@iita.ac.in

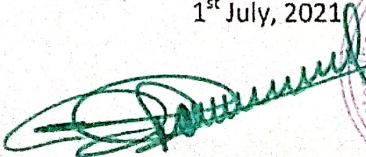
MACFAST – IITA Activity 2020 – 2021

As per our MOU between IIIT Allahabad and MACFAST following M Sc Bioinformatics students of MACFAST are doing internship in the Applied Science Department of IIIT

STUDENT	MENTOR	PROJECT ACTIVITIES & PRESENT STATUS
Soneti D Thomas	Prof. Krishna Mishra	Network pharmacology studies on neurodegenerative disorders (Ongoing)
Levin John	Dr Amaresh Sahoo	An in-silico screening to decipher potential common inhibitor from spices used in asian continent against M ^{pro} and hACE2 protein of SARS-CoV-2 (Ongoing)
Sajith S Nair	Prof. Pritish Varadwaj	NGS (Ongoing)
Geetha EG	Dr Sintu Samantha	She is engaged in a project to identify the potent drug molecules against COVID-19. In this context, she has gone through a number of related literature and prepared the library of various compounds found in 22 different Indian spices. Subsequently, she has made a model protein of host protease protein TMPRSS2 which is actively involved in initiation of SARS-CoV-2 infection in lung cells. (Ongoing)
Cherian George	Dr Nidhi Mishra	Identification of the protein to study, Homology modelling of the protein structure, Identification of ligands (phytochemicals) through literature & public databases, Drug likeliness analysis of the ligands, Working with ChemSketch and OpenBabel, Molecular Docking. (Ongoing)


(Dr. Ashutosh Mishra)
HOD – Applied Science

1st July, 2021


Fr. Dr. CHERIAN J KOTTAYIL
PRINCIPAL
Mar Athanasios College For Advanced Studies
Tiruvalla- 689101, Kerala