



INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Department of Chemistry

Date: 13 August, 2021

INTERIM REPORT – CSR PROJECT

Title of the Project: Renovation of Wet Laboratories in the Department of Chemistry, IIT Kanpur

Name of the Principal Investigator: Head, Department of Chemistry, IIT Kanpur

Name of the Donor Corporate: Penam Laboratories Limited, New Delhi

Duration of the Project: 36 months

Total Cost of the Project: INR 35 Lakh

The infrastructure of the various wet laboratories pertaining to the Department of Chemistry was of very old pattern and required to be renovated. In this regard, IIT Kanpur had approached Penam Laboratories Limited, New Delhi to provide CSR contribution so that the infrastructure of these wet laboratories may be improved.

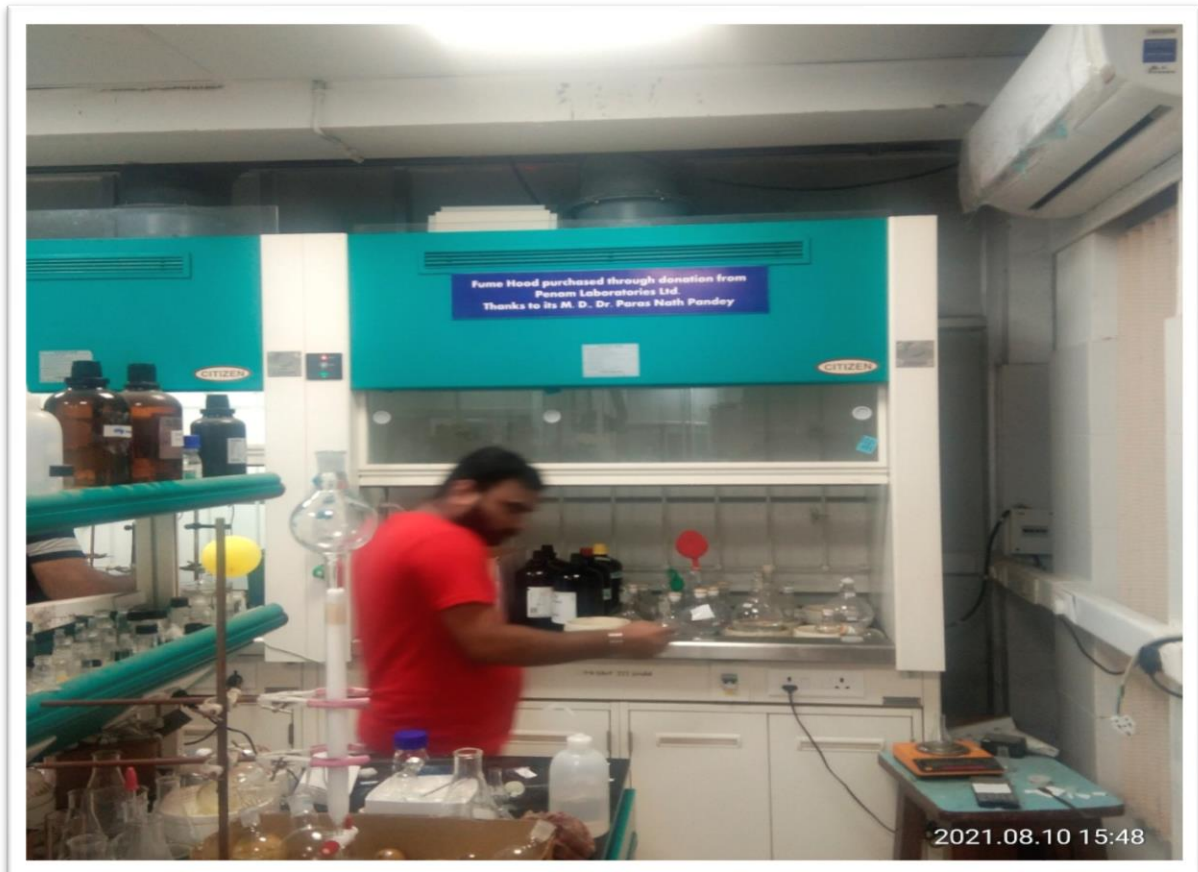
Further, PENAM Laboratories Limited considered the proposal of IIT Kanpur and has provided total CSR contribution of Rs. 35 lakh in two installments i.e. Rs. 20 lakh in March 2020 and Rs. 15 lakh in October 2020.

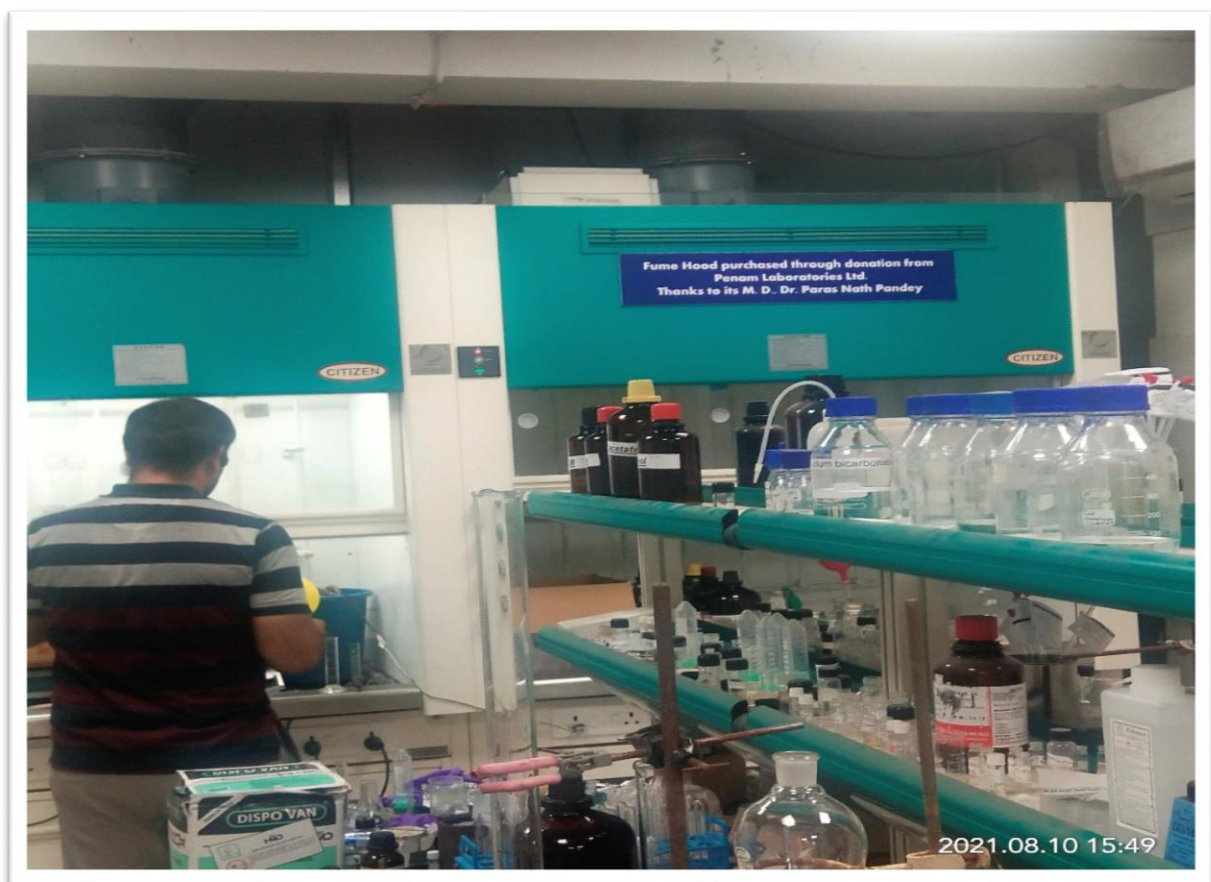
Detailed Report: The following activities have been completed so far with the support of PENAM Laboratories Limited, New Delhi :

1. Prof. D Allimuthu's Lab: About the usage of the fume hoods in our lab:

The Chemistry lab Fume hoods we purchased are used for setting up chemical reactions for the synthesis of small molecules. Our lab works at the interface of chemistry and biology, the molecules that are synthesized will be screened for their therapeutic potential against cancer cells and antibiotic properties. One of the fume hoods is dedicated for performing enzymatic reactions with some of the drug-like molecules for assessing their ability to inhibit the enzymatic functions.

In this regard, some of the photographs have been taken and are appended below showing the renovation work in this laboratory:







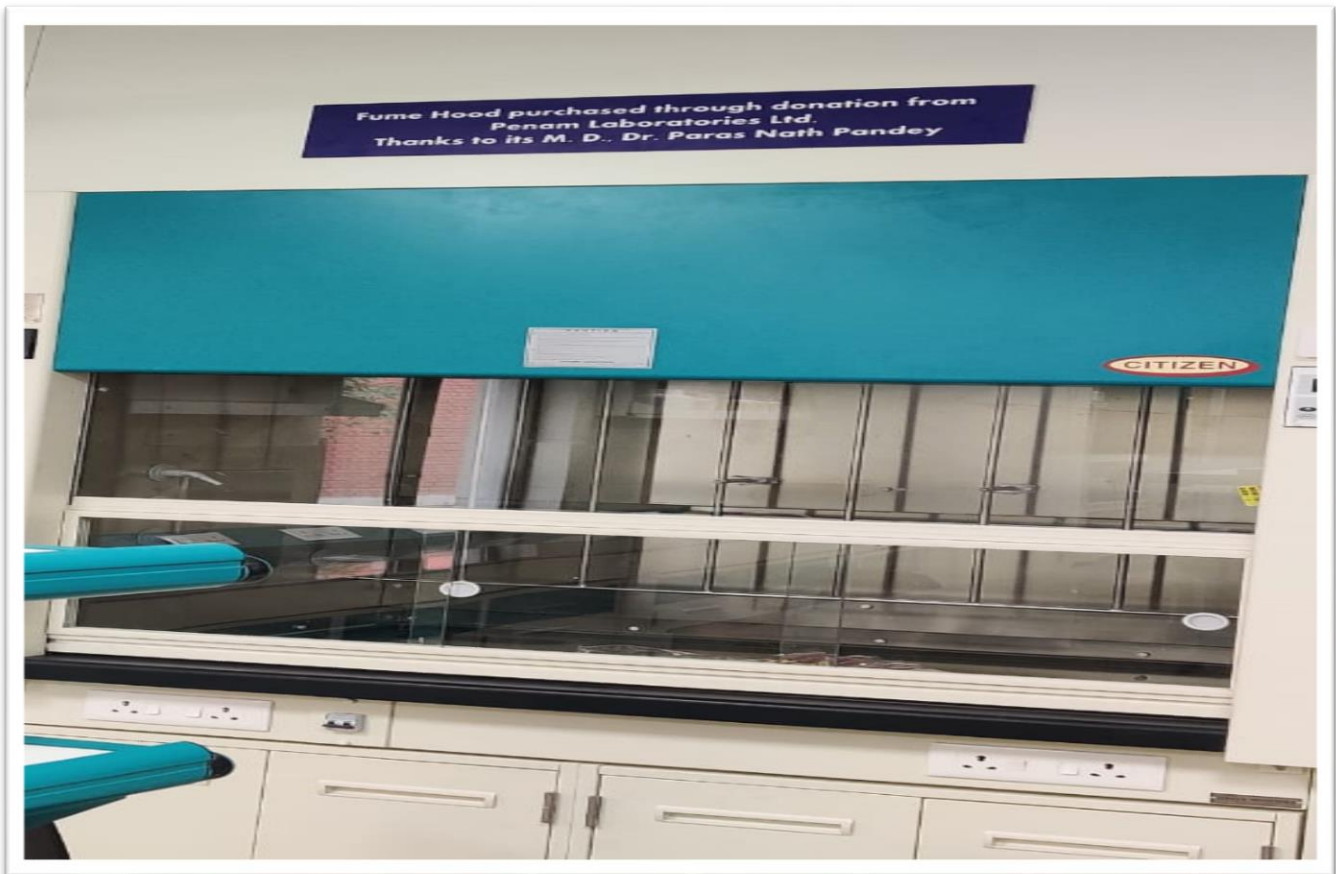


2. Dr. Srinivas Dharavath's Laboratory : About the usage of the fume hoods in our lab:

The Chemistry lab Fume hoods we purchased are used for setting up chemical reactions for the synthesis of small molecules. Our lab works at the interface of chemistry and biology, the molecules that are synthesized will be screened for their therapeutic potential against cancer cells and antibiotic properties. One of the fume hoods is dedicated for performing enzymatic reactions with some of the drug-like molecules for assessing their ability to inhibit the enzymatic functions.

In this regard, some of the photographs have been taken and are appended below showing the renovation work in this laboratory:







Closing Remarks by the PI: Due to COVID-19 pandemic and subsequent lock-down, the work could not accelerate and so many activities pertaining to this project could not complete timely. So, we need four to six months more to get the same completed.

I would like to sincerely thank M/s Penam Laboratories Limited for extending this CSR support for the renovation of various wet laboratories of this Department.

(Prof. Jitendra K. Bera)

Head, Department of Chemistry