

Report on One-Day School Students' Visit under Scientific Social Responsibility (SSR) norm for SERB-CRG (CRG/2021/002419/BHS) Project

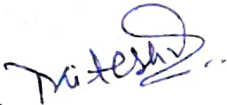
One-day school students' visit was organized on **30th December, 2022** under Scientific Social Responsibility (SSR) category for SERB-CRG (CRG/2021/002419/BHS) Project. Total **25** students (12 Boys & 13 Girls) of Standard 11th and 12th (Biology) of "**Freedom Valley School, Bardoli, Gujarat**" along with 3 faculties (Biology, Physics & Chemistry teachers) visited "**Molecular and Cellular Immunology Research (MCIR) Laboratory**" of the Principal Investigator, Dr. Mitesh Kumar Dwivedi in C.G. Bhakta Institute of Biotechnology, Faculty of Science, Uka Tarsadia University, Tarsadi, Gujarat. The day started with Dr. Mitesh Kumar Dwivedi's Lecture on "Vitiligo & Autoimmunity", he addressed students with his ongoing SERB-CRG project where he made students understand regarding vitiligo disease and also how he and his team are trying to resolve this disease complication through their research. While encouraging students towards taking research as a career in upcoming years, Dr. Dwivedi's Lecture also gave insights to the students on the implication part of genetic engineering and the future it holds towards treating diseases. The other half of the visit was completely focused on providing exposure to students with the ongoing research experiments and research facilities of the MCIR Laboratory. The Project Associate-II Ms. Firdosh Shah demonstrated experiments of molecular biology such as DNA Isolation, Gel electrophoresis and PCR to the students and also briefed them with the good cell culture practices. Students were also shown few cell culture-based experiments performed in the laboratory on daily basis such as maintenance of primary cell culture, media preparation and cell line observation under microscope, etc. Students were also given a kit containing a small booklet on these techniques.

At the end of the visit a feedback form was asked to fill by each visitor for our better understanding of their overall experience during the whole visit. All the students and accompanying faculties were awarded with a certificate as an appreciation for taking

interest and participating as a visitor to the research laboratory by the Director of Institute, Prof. Dr. R. Krishnamurthy and Principal Investigator of the SERB Project, Dr. Mitesh Kumar Dwivedi.

Glimpses of the students visit to the MCIR laboratory





Principal Investigator

Dr Mitesh Kumar Dwivedi

Principal Investigator
SERB-CRG/2021/002419 Project
"Exploring therapeutic.....melanocytes
survival in generalised Vitiligo"



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