

INDUSTRIAL VISITS

1. Report on Visit to CDFD, Uppal, Hyderabad 9th July, 2019

The Students of B.Sc Biochemistry (MBBCC) 3rd year were taken for a visit to Center for DNA finger printing and Diagnostics (CDFD) at Uppal, Hyderabad on 9th July, 2019. They had an opportunity to listen to the lecture given by Prof. D.N. Rao of IISc, Bengaluru on “*Helicobacterium pylori*”. The students have attended poster session put up by the research scholars of the institute. They were explained about the work going on in the institute in various research areas. Overall the trip to CDFD was found to be informative to the students and staff.



2. Report on Industrial Visit to Biological E Limited 20th September, 2019

Students of B.Sc (MBBCC) were taken for an industrial visit on 20th September, 2019 to Biological E Limited at Shamirpet, Hyderabad as a part of DBT-STAR COLLEGE SCHEME. The students were taken to Analytical and R&D Labs where testing and analysis of active components of drugs is done. Students were explained about the working of various instruments like Integra viaflo, Gas Chromatography chamber, FTIR Spectrometer, UPLC, HPLC, GC-MS, DSC-TGA, LD-LC-MS, qPCR, Surface plasmon resonance and Liquid

handling system. Students were also shown Particle Size Analyzer, Ion chromatography, Karl Fishcher Titrators and Dissolution testing systems. MSc Biochemistry students were also a part of this industrial visit. Overall the visit has been very informative and the students had an opportunity to see the working of various advanced instruments used in formulation industries.



3. Report on Visit to NIPER, Balanagar, Hyderabad (National Institute of Pharmaceutical Education and Research)

The students of B.Sc final year (MBBCC) were taken for an educational visit to NIPER on 3rd December, 2019 under DBT-Star college scheme. The students were shown the high end instruments that are used in science research programmes like HPLC, HPTLC, LC-MS/MS, SEM, NMR spectrometer, Zeta sizer for particle size analysis, Microfluidizer, Nano ball mill, fluorescence microscope and Confocal microscope. In the Regulatory toxicology department students were shown the tissue sectioning and fixation and automated differential blood cell counter. Animal house facility was also shown and explained about Rotarod test and YMaze test. Students interacted enthusiastically with the staff and the research scholars at the institute and were benefitted from the information provided. As part of this visit M.Sc final year Biochemistry students were also included.

