

Lecture by Scientists from Dystrophy Anihilation Research Trust

A modular course program was being held for Biotechnology students where two scientists Dr. ArunShastry and Dr. Berty Ashley came from Dystrophy Anihilation Research Trust where they work on personalized Medicines for the disease Dystrophy suffering patients. So Dystrophy is a group of Genetic diseases that cause progressive weakness and Loss of Muscle mass. They guided students how to find a drug for a particular disease of any type.

Morning session was all about Drugs discovery process in which how hits been selected and how we will find the lead pertaining to a particular target and how we can find Cancer potential Leads were being told to students. They explained the students on how to identify a Bioassay in which they told a series of processes including In-Vitro and In-Vivo tests , Validity and Screening of Bioassay. Then students were told about a new term “Serendipity” That means finding something good without even looking for it or accidental finding and quoted this term through various examples of Drug we found by chance and also the students were told about different sources of nature where a possible Drug can be found.

In Afternoon session, scientists briefed about the meaning of Toxicology in which they told DEG (Diethylene Glycol) can be poisonous to humans. They told how to classify a Drug. Different disease and their description knowledge was being imparted to students. They explained what is the whole process of testing a drug on animal and its ethical aspects, and different genetic models. The session was very knowledgeable and students conveyed their gratitude for conducting such useful lecture.