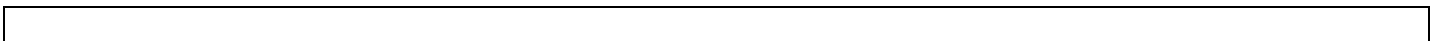


A webinar by **Prof. Mingjuan Liu** from **OriGene Technologies**, USA on **20-AUG-2016** was conducted in the **C525** classroom for the benefit of third year B. Tech. students and scholars of the department. The webinar was entitled “**Advantages of Lentiviral Vectors in Molecular and Cell Biology**”. The session started with general introduction of lentivirus. Gene therapy vectors derived from lentiviruses offer many potentially unique advantages over more conventional retroviral gene delivery systems. Principal amongst these is their ability to provide long-term and stable gene expression and to infect non-dividing cells, such as neurons. However, the use of lentiviral-based vectors in the clinic also raises specific safety and ethical issues. Investigators proposing to conduct this type of research should take due account of the potential risks for interaction of lentiviral gene therapy vectors with other retroviral elements in human subjects, such as Human Immunodeficiency Virus. Webinar mainly focussed on the advantages of using lentiviral vector systems. Later Dr. Mingjuan discussed about Lenti vector design and its biosafety and what are OriGene’s lenti offerings. The webinar was very well received by the students and scholars of the department, as they listened with rapt attention and posed thought provoking questions in the end, to the course coordinator.





Prof. Mingjuan Liu from OriGene, USA delivering the webinar



Students following the webinar with complete attention