# Special Talk by Mr. Muketesh Sharma

## "Advancements methods of Biomedical Signal Processing"

Mr. Muktesh Sharma delivered a special session on '**Advancements methods of Biomedical Signal Processing**' on Oct 11, 2019. He introduced the students with ADInstruments which is a teaching module i.e. an e-learning software that helps a person understand the basics of a topic be it a language like C or signals. Teachers can use this software to make lectures which can be later shared among the students. This software also gives the students ability to perform the practical on this software virtually. Students were made aware about DELSYS which is a patent device that records the effect on muscles of a body during activities like walking and running. Exercise Physiology System is software used to monitor the level of oxygen consumed and carbon dioxide exhaled during extensive activities. One of the practical applications of such signal processing software are Ergonomics(the application of psychological and physiological principles to the design of products, processes and systems), Industrial design and Robotics.The session added to the students' knowledge and made them realise the importance of technology.