

**Ms. Taranmeet, Biopac Systems (Gentech Marketing & Distribution Pvt. Ltd) delivered a Special Talk**

**“Tools and Techniques in Biomedical Signal Processing”**

‘The science of today is the technology of tomorrow.’

Miss Taranmeet from Gentech Marketing & Distribution Pvt. Ltd. gave a special talk on the topic "Tools and Techniques in Biomedical Signal Processing" on Oct 10, 2019. She acquainted the students with advancements of technology in medical domain. Gentech Marketing & Distribution is the sole distributor of BIOPAC systems U.S.A., which deals in human and animal research equipment; it is an old standard in the field of biomedical research, relentlessly assisting vision to support medical research by marketing, installation, technical and service support. It has touched more than 500+customer colleges, medical schools, R&D labs and research institutes all over India. During the talk, she also demonstrated live ECG(electrocardiogram) and PPG(pulse plethysmography) and extracted heart rate , RR interval , all this was done wirelessly on live subjects. They have world-class hardware features, as they provide educators with the most sophisticated hardware in the industry, with a research-grade 2- or 4-channel data acquisition platforms with built-in universal amplifiers to record and condition electrical signals from the heart, muscle, nerve, brain, eye, respiratory system, and tissue preparations. The data acquisition system receives the signals from electrodes and transducers and connects to a PC running BSL software on Windows® or macOS® operating systems. BIOPAC student lab is the gold standard for life science instruction.

It was a great opportunity to know the milestones technology has achieved .Students walked out of the session enthralled after knowing the prominent role science plays in our lives.



