

# Random variable and random process

**Date: January 15<sup>th</sup>, 2021**

**Speaker: Dr. Arvind Kumar**

On the 15th of January 2021, at 10 AM, a captivating seminar was held at ECE Dept. BIT Sindri discussing the intriguing concepts of "Random Variables and Random Processes." The seminar, titled "Random variable and random process" delved deep into the fascinating realm of probability and stochastic processes, shedding light on their applications and significance.

Dr. Arvind Kumar, a respected specialist in the subject of Random Variables and Random Processes, served as the seminar's leader. With his in-depth understanding and perceptive expertise. He skillfully handled the complex topics on random variables and random processes, giving audience members a thorough comprehension of these essential concepts. He skillfully elucidated the ways in which random variables can be analyzed and utilized to represent uncertain quantities, while also delving into the intricacies of random processes and their temporal evolution. The "Random Variables and Random Processes" seminar gave participants insightful information about probability and uncertainty as well as a toolset for understanding and utilizing randomness in a variety of contexts. By the end of the seminar, participants had a fresh knowledge for how randomness influences how we perceive the world. With this information at their disposal, participants are well-equipped to negotiate the complexities of random variables and random processes, opening the door for creative solutions and deeper understandings in their academic and professional endeavors.

