



Indira Gandhi Delhi Technical University For Women

(Established by Govt. of Delhi vide Act 09 of 2012)

Kashmere Gate, Delhi-1100

Department of Electronics and Communication Engineering



Session on Morphological Image Processing – A Digital Transformation drive

A digital transformation drive, which transpired on December 20, 2023, under the theme "Viksit Bharat." As Project Associate-I of IGDTUW, Ms. Pallavi Sharma had the honor of orchestrating and participating in this strategic initiative. A Digital Transformative drive was conceived with the objective to explore the role of morphological image processing in digital transformation. The session served as a pivotal platform to underscore the importance of "Viksit Bharat" in the academic context, emphasizing the digital transformation and technology advancements that play in contributing to the nation's progress.

A diverse audience, including esteemed faculty members and engaged students, shown a keen interest in understanding digital image processing. The event witnessed enthusiastic participation, with 50 students in attendance. This event highlighted the Morphological image processing involves the analysis and manipulation of the structure of objects within an image. It is a powerful tool for extracting meaningful information, enhancing image quality, and improving decision-making processes. The basic morphological operations include erosion, dilation, opening, and closing, which are applied to images to achieve specific objectives. It plays a pivotal role in enhancing various sectors, including healthcare, agriculture, infrastructure, and education.

The session commenced with a comprehensive presentation, providing an overview of "Image Processing" and then its technique Morphological Image Processing and its operations demonstrated by applying on the image. A dedicated segment allowed students to ask their doubts and clearing their doubts. This session emerged as a valuable initiative for knowledge dissemination.

Photographs



