Texture Analysis:

- Image textures can be artificially created or found in natural scenes captured in an image.

- Since the repetitive local arrangement of intensity determines the texture, we have to analyze neighborhoods of pixels to measure texture properties.

- Because texture has so many different dimensions no single method of texture representation that is adequate for a variety of textures.

Why do we use Textures?

- To identify different textured and non textured regions in an image.

- To classify/segment different texture regions in an image.

- To extract boundaries between major texture regions.