

Normal glasses will let the sunlight in and the harmful UV rays with them. For hot climates, having a window that blocks down the UV rays while cutting down the heat gain will keep your interiors much cooler.

In old times, special attention was given to cooling techniques while constructing the buildings. Designs like pergolas, overhangs, and large casements, mud houses were widely used to cool down the building, especially in the time of no air conditioning. However, these age-old practices are now being overlooked with the arrival of quick and effortless cooling contraptions.

However, buildings can no longer be designed without considering how they resist heat. For example, glass skyscrapers should become obsolete and well-insulated walls should be used more in hot weather. The electrical appliances should be as efficient as possible.

Our daily use of appliances such as computers, lighting, televisions, and so on, produce some heat that stays inside the buildings. These should be switched off when not in use. Keeping your house during the summers is a menial task, anyone can do that with



Old Times Technique

Egypt

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Modifying and adopting

Energy-efficient

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



11 SUSTAINABLE CITIES
AND COMMUNITIES

