

IoT enabled cooling solutions to bring comfort and convenience this summer

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With the met department in India already cautioning for a hotter [summer](#) across India, it is critical to summer-proof your homes to transform them into an oasis of calm, cool and comfortable space. Andhra Pradesh and Telangana have already been predicted to face a longer heatwave period this summer, which makes it even more important for people in the region to be summer-ready. Since time spend under shade increases in the season, there is a huge reliance on fans and air coolers to make the harsh weather bearable.

Now, with [technology](#) impacting all aspects of our lives, we are witnessing rising popularity of smart [home appliances](#) in the recent times and [IoT](#) being the buzzword. IoT has gone way beyond smart watches and has impacted almost every industry including home appliances. Such is the adoption of smart home devices that even the most common cooling appliances including fans and air coolers have gone smart with loaded features of controls adding convenience and freedom.

Much like you would order your groceries from the convenience of your smartphone, you can now operate an IoT-enabled fan or cooler from anywhere, anytime via a mobile application. Be it power on/off, speed control, timer setting or the light control among many other features, the control is now in the palm of your hand. So, even before you enter your home after a hectic day at work, you can cool it down remotely.

Adding more delight, these smart fans and air coolers are compatible with voice assistants such as Alexa and Google Assistant thus taking convenience a notch higher. So, while deep in slumber, you don't need to get up, or open the app but simply ask your voice assist to control the fan or the cooler. Also, these smart appliances are an apt solution for people with limited mobility due to age or physical disability. You can also get weather updates in addition to the basic controls. These advancements are sure to make the summer season conveniently comfortable.

During summer, the monthly electricity bill skyrockets owing to overuse of air conditioners and it's a common nightmare paying the high electricity bills. However, rising temperatures do not have to translate to soaring utility bills. One good alternative is to opt for energy-efficient, health and environmental-friendly air coolers.

Furthermore, with smart controlled appliances you can time your air cooler to switch off at 2am in the night and time your fan accordingly to start at a certain speed at the same time, this not only saves energy but also gives you the rightful comfort without disturbing your sleep. Notably, some fans come with inverter technology which reduces energy consumption further by 40-50%. With an air cooler, you can also keep your windows open to increase circulation of fresh air which is otherwise not possible in case of an air conditioner.

The technology adoption amongst the new age consumer is very fast, which will lead to IoT technology gaining more traction in the future, especially inside Indian homes. With cost of IoT technology becoming affordable and smartphone usage going up, acceptance and migration to these products will drive growth and make them a "must-have" rather than a "nice-to-have".



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