

EKAANT: Office pods for a Modern Workspace Environment

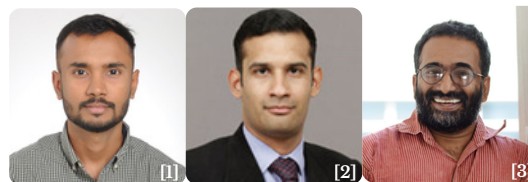
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After the COVID-19 pandemic, the rise of working from home/anywhere has led to an increase in the need for flexible and private workspaces to cater to modern work environments. Open-plan offices with collaborative workspaces often lack acoustic privacy, which helps in boosting the satisfaction for employees leading to a higher retention rate for the company. Similarly, public places like airports and train stations also need to provide quiet zones for those who require workspaces for small meetings or work while travelling, particularly in the age of remote work environments.

Our response to this challenge is the Ekaant: Office Pods, a standalone soundproof and Modular workspace designed to meet the growing needs of people. Engineered with sustainable acoustic material to minimise external noise, these pods also include digital connectivity, allowing users to personalise their environment. The design emphasises modularity and adaptability, making the pods suitable for corporate settings, co-working spaces, and travel hubs, integrated with Wi-Fi, Bluetooth, and an app-based booking system, it offers users a convenient and customizable workspace tailored to their needs



Figure 1. office Pod



The global demand for this kind of acoustic booth is projected to exceed \$20 billion by 2031, particularly in rapidly developing countries across the Asia-Pacific region. Ekaant office pods are positioned as a unique solution that combines privacy, comfort, and sustainability through the use of eco-friendly materials and efficient design. These pods also reduce companies' real estate costs while enhancing workspace comfort and functionality.



Figure 2. Sample of perforated material



Figure 3. Acoustics testing of material

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