

## ABSTRACT

### ***Optimization of Classroom Acoustics In Building A of Pembangunan Jaya University***

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A room in architecture has many different functions that are adjusted according to the types of needs and activities of its user, at its basic form a room is a space that are designed to support the activities in it with comfort and security. Comfort in a room can be defined by a variety of factor that includes thermal, lighting, and acoustics. The knowledge of acoustics in a room has originated from concert halls and has evolved into branches that included acoustics comfort in medical buildings to classrooms in educational institutions. The factor of acoustic comfort is often put to last when designing a room even though it has a direct impact to its user, especially in a classroom where information exchange has to be clear. Acoustics in a classroom has a direct impact to its user's concentration level and a struggle in communicating with each other. Therefore this research will focus on assessing the acoustics comfort in the classrooms in Building A of Pembangunan Jaya University based on the complaints of its users and optimizing the quality of its acoustics to enhance the comfort and improve the quality of study to its users.

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