Abstract

The comfortable position of sitting and writing is one of the most important factors during the lecture. Since the currently design of the existing chairs in universities focuses only on a student who are right-handed and neglecting who use their left hand; these chairs do not allow these students to well concentrate while writing because they have to rotate themselves in the opposite direction of their hand writing position. Despite of this fact, here we have to stop and think with a management perspective. However the importance of keeping left-handed seats in every classroom, we found after we made our statistics for each faculty in King AbdulAziz University that the left-handed make up only 17% of the total number of students that means making left-handed seats while some lectures may not have left-handed students is a waste of space and money. This invention prevents that problem by saving educational facilities from purchasing special seats by designing a flexible arm with a groove that allows the arm to be rotate at an angle of 180˚ installed in the rear back of the chair using a perfect engineering measurement that allows the students to choose the position they desire before sitting down.

Keywords
Manufacturing and Design, Health Care, Left-handed student, Optimal Class-Chair Design.

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**Biography**

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