Abstract

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ERGONOMIC STUDY SEATING LECTURE HALL SANITATION STUDY PROGRAM DIPLOMA PROGRAM THREE CAMPUS MAGETAN

The lecture chair is a means of infrastructure of the lecture hall for the learning process of teaching. Comfortable seating is influenced by several things namely materials, product strength, adjustable, and stable. The chair has a function as a seat, should the chair be designed as attractively as possible to attract consumers. It's like a folding lounge chair with the purpose of being easy to move and requires little place if the folding chair is not used. This research aims to find out the ergonomics of seating in the lecture hall of the Sanitary Studies Program of the Three Campuses of Magetan Diploma Program. As consideration and input for the Sanitary Studies Program of The Diploma Program of Three Magetan Campuses.

This type of research is descriptive. The study population was 75 students in 2018 and sampled 63 people. Data collection is conducted by interview using questionnaires. Analyze data using tables.

The results showed that from questionnaire data 50 or 79% of respondents stated college chairs were uncomfortable to use, 84% complained of pain in the shoulders and back, 97% complained of pain in the shoulders and arms, 96% complained of pain in the arms and elbows, 97% complained of pain in the buttocks, and 95% complained of pain in the legs for not being able to stick to the floor.

Therefore, it is recommended that there be improvements to the college chair to be more ergonomic and comfortable to use, including: the height of the backrest is made with an up-and-down design in order to adjust the size of the student's anthropometry, the seat back is 10° to 30°, the length of the seating mat is 42 cm, and the material is made of soft materials.

Reading List : 2 books + 7 journals
Classification : -