

## Guidelines for designing class room furniture

■ PURVA JAGGI AND RUPA BAKHSHI

Received: 09.03.2012; Revised: 20.01.2013; Accepted: 06.04.2013

See end of the paper for  
authors' affiliations

Correspondence to :

**PURVA JAGGI**

Department of Family Resource  
Management, Punjab  
Agricultural University,

LUDHIANA (PUNJAB) INDIA

Email: [purva1978@gmail.com](mailto:purva1978@gmail.com)

■ **ABSTRACT** : The task performance gets influenced to a great extent by the design and dimensions of the physical facilities provided at workplace. A total sample of 10 colleges was randomly selected for this study. Two class rooms from each college, making a total of 20 class rooms were selected for taking the measurements of existing furniture and 320 users were selected for recording anthropometric measurements, based on which guidelines were formulated for designing class room furniture. The results revealed that desk/ table height of the existing furniture was  $77.30 \pm 4.67$  cm as against the formulated dimension of 76 cm and seat height was  $43.25 \pm 1.65$  cm as against the formulated dimension of 44.00 cm. The height of the backrest was  $41.20 \pm 5.75$  cm as against the formulated dimension of  $54.80 \pm 3$  cm and the slope of backrest was  $104.30 \pm 1.34$  degree, whereas it should be 103.00 degree according to the formulation. The differences between existing and formulated dimensions were statistically significant.

■ **KEY WORDS** : Class room furniture, Anthropometric measurements, Formulated dimensions

■ **HOW TO CITE THIS PAPER** : Jaggi, Purva and Bakhshi, Rupa (2013). Guidelines for designing class room furniture. *Asian J. Home Sci.*, 8 (1): 24-27.