Asian Journal of Home Science **(June, 2010) Vol. 5 No. 1 : 70-72**

Research Paper :

Clothing requirements of physically challenged college going boys and designing suitable garments

NEETI KISHORE, RUKHSANA **AND** RITU PANDEY

Accepted : *February, 2010*

See end of the article for authors' affiliations

Correspondence to:
NEETI KISHORE
Department of Clothing and Textiles, College of Home Science, Allahabad Agriculture Institute, (Deemed University), ALLAHABAD (U.P.) INDIA

ABSTRACT

The present investigation was carried out to design functional garments for physically challenged college going boys. Sixty respondents aged 15-30 years were purposively selected. Poliomyelitis was the main cause of disability among the respondents. Respondents were facing numerous problems in clothing while donning and doffing and due to assistive devices used. Based on the needs of the respondents, 20 designs (10 each for shirts and pants) were prepared by the investigator and subjected to evaluation by a panel of judges. The designs were made keeping in view the ease in dressing and undressing, ease in manipulating fasteners, fit of the garments, appropriateness of designs for the disability and appearance of the respondents. Total six designs (three each for shirt and pant) which scored highest were selected for construction of garment based on the standard measurements of the respondents. Among these six garments, G-7 Zipper Shirt and G-8 Two Piece Pant was given first rank by the respondents.

Key words : Physically challenged, Functional clothing, Clothing problems