

## **ABSTRACT:**

### **TITLE:**

The factors associated with the differences in lower body measurements for sizing apparel for girl's and boy's age 6- 14 years.

### **OBJECTIVES:**

- The factors associated with the differences in lower body measurements for sizing apparel for girl's and boy's age 6- 14 years, factors are age, gender, and socio economic status.
- To analyze the uni sex sizes for lower body measurements of children age 6-14 years.

### **METHODOLOGY:**

The sample size for this research was 5,400 children (i.e. 2,700 boys and 2,700 girls) ranging between age 6-14 years and belonging to different socio- economic level of the city. The data was collected by traditional anthropometric technique. Anthropometric measurements i.e. height, weight, waist, hip, waist to ankle, body rise, crotch length, waist to hip, and waist to knee were taken in order to obtain a standard sizing apparel for girl's and boy's age ranging 6- 14 years.

### **RESULT:**

The conclusion for this research is that uni-sex sizes for measurements height, weight, hip, waist to ankle, crotch length and waist to hip can be made for children ranging between 6-14 years.