APPENDIX XIII

Anthropometrics Dimensions and reach of the Selected Respondents (Cm)

Sr. No.	Dimension	Mean	SD	5th Percentile	95th Percentile	Min.	Max.
1	Weight (Kg.)	48.9	5.951	39.9	55.7	36.0	58.0
2	Stature	154.2	4.970	142.3	161.0	140.0	162.0
3	Eye height	144.50	5 053	137.8	1530	130.5	157.9
4	Elbow height	99.50	3.567	95.6	104.5	87.9	110.5
5	Knee height	48.70	2.39	35.1	47.4	40.0	45.6
6	Chest circumference	78.93	3.97	71.3	94.2	75.2	80.5
7	Wrist Circumference	18.30	0.54	15.5	19.6	16.0	19.93
8	Sitting height	91.50	3.97	82.5	102.5	88.5	95.7
9	Sitting eye height	72.30	3.10	65.2	77.5	68.7	75.0
10	Popliteal height (sitting)	42.30	2.97	39.6	41.6	40.9	44.3
11	Knee height (sitting)	45.3	3.12	37.2	50.1	41.0	46.0
12	Elbow-Elbow breath	35.2	2.17	30.6	40.3	33.6	37.9
13	Functional leg length	94.3	3.24	87.8	102.7	91.2	96.0
14	Thumb tips reach	73.9	3.17	66.7	80.9	72.4	75.3
15	Forearm hand length	42.3	3.15	34.2	51.8	40.0	45.3
16	Elbow grip length	32.7	2.91	25.2	40.1	30.3	35.5
17	Foot length	22.2	1.19	20.7	25.7	20.7	24.8
18	Foot breadth	9.2	0.31	8.4	10.1	7.9	10.5
19	Buttock Knee length	50.7	2.21	45.3	55.9	49.1	53.0
20	Shoulder grip length	69.2	3.21	68.2	7.7	67.2	71.3
21	Hand length	17.3	0.89	16.3	18.6	18.3	18.1
22	Hand circumference	19.2	0.97	17.2	20.1	18.1	22.1
23	Fist length	10.0	0.31	8.88	12.50	8.57	12.56
24	Mean hand grip length	7.5	0.12	6.0	8.9	6.2	9.0
25	Grip inside diameter	3.5	0.07	3.0	4.0	3.1	4.2
26	Wrist wall length	52.8	3.92	45.2	59.2	50.4	54.3
27	Wrist center of grip	8.32	0 41	7.12	9.31	7.01	9.35
28	Knuckle height	66.98	2.97	64.5	73.8	62.5	87
29	Duct lion height	60.12	2.72	56.3	65.1	54.3	68.3