Way forward

Develop a draft proposal for National Sizing Standards for India (NSSI) which will be shared with collaborating institutions in academia, industry and government. The draft has to be approved in principle by the collaborators and human subject research protocols will need to be developed and scrutinized by an ethics committee / Institutional Review Board. Funding scheme and logistical challenges for initiating the NSSI Survey will have to be detailed out.

- Mapping specific areas of applications in design
- Identifying committed industrial/institutional partners in project
- Setting up timelines and realistic goals for NSSI
- Establishing Center for Digital Human Modeling at NID
- Conducting a pilot study for the NSSI Survey
- Refining protocols and technical parameters to optimize modeling performance
- Conducting the NSSI Survey in collaboration with partner institutions
- Data collection, processing, validation and visualization
- Developing the processed data for research and design applications

Venue

Auditorium, National Institute of Design, Paldi Campus, Ahmedabad 380 007
Contact no: Ms. S.B.Naidu +91 991339 8781 (Mon.- Fri. 9.00am - 6.00pm)

Email id: nssi@nid.edu   www.nid.edu
Vision NSSI

To develop a national standard for Indian body sizes and shapes/types based on scientifically obtained, experimentally validated, comprehensively documented and easily accessed anthropometric data for empirically valid sample size of the Indian population. The data will be used to optimize 'fit' between people, objects and environments in an Indian context. This is a project of national importance and needs a team of committed institutions with dedicated resources and a well defined timeline.

About the Seminar

- A common platform for all stakeholders to share perspectives
- An overview of the need, value, methods and applications of the project
- Discussion of current practices and research findings
- Presentation of case studies, best practices in academia and industry
- Presentation by guest speaker, Dr. Masaaki Mochimaru, Digital Human Research Center, AIST, Japan
- Discussions on technology, logistics and collaborations for the initiative
- Drafting long term action plans and future partnerships

Tentative Schedule

Wednesday, 7th August 2013

09.30 Welcome Address by Director, National Institute of Design
10.00 Importance of Anthropometric database-landmarks: Prof. Masaaki Mochimaru
11.00 Tea-break
11.30 Discussions [Q/A]
12.00 Case-studies presentation: Indian Institutions
13.00 Lunch-break
14.00 Case-studies presentation: Indian Industries
14.30 Tea-break
15.30 3D body modeling technology & Industrial applications: Prof. Masaaki Mochimaru
16.00 Discussion [Q/A]
17.00 End of Day 1

Thursday, 8th August 2013

09.30 Methodology & Strategies for planning National sizing: Prof. Masaaki Mochimaru
10.30 Discussions [Q/A]
11.00 Tea-break
12.00 Panel Discussion: Challenges & Opportunities of establishing sizing standards in Indian Context
13.00 Lunch-break
14.00 Formation of Action group/s
14.30 Discussions within group/s
15.30 Tea-break
16.00 Discussions within group/s
16.30 Formulating Action plan and proposing of a White Paper for NSSI
17.30 Closure of Seminar