



MANIPAL UNIVERSITY  
JAIPUR

**SCHOOL OF ARCHITECTURE AND DESIGN**  
**FACULTY OF DESIGN**

Expert Lecture

on

**‘Anthropometric Study; Application of  
Anthropometry in Architecture’**

**Offline: SA&D, MUJ**

**10<sup>th</sup> May 2023**



## Index

1. Introduction of the Event:.....	3
2. Objectives of the Event:.....	3
3. Beneficiaries of the Event: .....	3
4. Details of the Guest: .....	4
5. Brief Description of the event:.....	4
6. Screenshots of the event: .....	5
7. Attendance of the Event: .....	7
8. Weblink: .....	8
9. Event Coordinators: .....	8

## 1. Introduction of the Event:

Anthropometry is the scientific study of the measurements and proportions of the human body. It involves the systematic collection and analysis of data related to physical dimensions, such as height, weight, limb lengths, and other anatomical features. This field of study provides valuable insights into the variations and averages of human body sizes within different populations. Anthropometric data is applied across various disciplines, including ergonomics, design, medicine, and anthropology, to understand human diversity and improve the design of products and environments.

In architecture, anthropometry plays a crucial role in creating spaces that are tailored to the human form and function. Anthropometric data informs the design of spaces to ensure comfort and functionality. This includes determining appropriate dimensions for furniture, workstations, and other elements to accommodate a diverse range of users. Anthropometry contributes to the design of accessible environments for individuals with different physical abilities. It guides the creation of ramps, elevators, and other features to ensure inclusivity and compliance with accessibility standards.

Hence, the School of Architecture and Design, MUJ organized a Guest Lecture on 10th May 2023 on 'Anthropometric Study; Application of Anthropometry in Architecture' by Academic Expert (Prof.) Dr. Anil Dewan to engage and provide feedback to the students of the First Year (2nd Semester) who were to design A single user space (Residence) as part of the second semester curriculum (aligned with the course AR 1201 – Architectural Design II).

## 2. Objectives of the Event:

- To enhance the understanding of real-world challenges of residence in India
- To acquaint students with the local context of Jaipur
- To expose students to practical experiences and innovative solutions for user-friendly design
- To bridge the gap between theoretical knowledge and practical applications

## 3. Beneficiaries of the Event:

- First Year (2<sup>nd</sup> semester) students of B. Arch.

#### 4. Details of the Guest:

**Name:** (Prof.) Dr. Anil Dewan

**Designation:** Head of the Department, Architecture at School of Planning and Architecture, New Delhi.

#### 5. Brief Description of the event:

School of Architecture and Design welcome (Prof.) Dr. Anil Dewan and the session began with a brief introduction of the expert. The lecture started with the definition of anthropometry and its historical context. Expert explains the importance of studying human dimensions in design fields and discusses the overview of the key measurements involved in anthropometric studies. The lecture explored the methods used to collect anthropometric data. Explained the statistical analysis and interpretation of anthropometric measurements.

The talk the move towards the Application of anthropometric principles in designing ergonomic spaces. Discuss the examples of how furniture dimensions, workspace layouts, and product designs are influenced by anthropometric data. Explained the importance of considering user comfort and well-being in design.

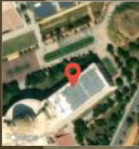
By covering these aspects, the lecture aims to provide a comprehensive understanding of anthropometry and its practical applications in architectural design. The combination of theoretical concepts, real-world examples, and interactive discussions contribute to a holistic learning experience for the students.

6. Screenshots of the event:



*Expert engaging the students of B. Arch. 1st Year*



 **Jaipur, RJ, India**  
Sanganer, Jaipur, 303007, RJ, India  
Lat 26.842060, Long 75.566276  
05/10/2023 11:50 AM GMT +05:30  
Note: Captured by GPS Map Camera

*Interactive session between expert and students*



## 7. Attendance of the Event:

1. (Prof.) Dr. Anil Dewan
2. Prof. Dr. Madhura Yadav, Dean, Faculty of Design, MUJ
3. Prof. Sunanda Kapoor, Head, Architecture, SA&D, MUJ
4. Ar. Ayushi Sharma
5. Ar. Kinzalk Chauhan
6. Ar. Sidharth Soni
7. Ar. Siddharth Mishra
8. Ar. Bibhu K Nayak
9. Ar. Neha Saxena
10. Ar. Raunak Prasad
11. Ar. Sanjeev Pareek
12. Dr. Subhash Devrath
13. Ar. Akshay Gupta
14. ANANYA TANDON
15. SAJAL PANWAR
16. RIJUL CHAUDHARY
17. DAKSH RUPANI
18. MOULESH M R
19. PRANAT KOTHARI
20. AARYA CHANDIRAMANI
21. NEHAL JAIN
22. ANKITA SHRIVASTAVA
23. DIGVIJAY SINGH PANWAR
24. SHRIYA PAWAR
25. TANUJ TYAGI
26. BHAVYA RANKA
27. HARSHITA MUNDHRA
29. ARGHYA B S BHAGWAT
30. VANSHIKA SHARMA
31. TANYA NIKHIL PURI

## 8. Feedback of the Event:

Students found the event transformative, offering insights into the complex realm of residence design. (Prof.) Dr. Anil Dewan expertise resonated, providing practical dimensions to the students' theoretical knowledge. The event's interactive nature bridged academia and industry seamlessly, nurturing their growth as future architects.

## 9. Weblink:

## 10. Event Coordinators:

- **Ar. Kinzalk S Chauhan** (Assist. Prof., SA&D)



Ar. Kinzalk Chauhan (Assist. Professor, SA&D)