## Understanding Design Prof. Nina Sabnani Prof. Rashmi Department of Engineering Design Indian Institute of Technology, Bombay

Module - 05 Start of Section 5 Lecture – 29 Classic chair for all times

So, what about the second chair you mentioned?

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This is about a chair originally designed by Marcel Breuer who as a teacher of the Bauhaus at that time.

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Let me tell you about the Bauhaus, it was the first modern design school in Germany and its influence continued till today, in the way design is thought and practiced around the world.

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It is an interesting story about Breuer.

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When you was a faculty at Bauhaus, he is to drive a bicycle back and forth and would observe the handlebar of the bicycle everyday.

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He realized that this benchmark metal pipe has not been used in furniture so far and that inspired him to develop this range of furniture. This chair become extremely popular in India after Godrej started manufacturing it.

But, what about the patent of the chair?

Godrej started manufacturing it after the patent had expired. They even designed a metal table to go with it.

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And this became the iconic table and chair set that we see in government offices and banks all over the country.

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So, this chair is popularly called the cantilever chair and I want to show you why this design has remained timeless and has not changed for 5 decades. People do not realize what a fantastic chair this is. So, it consists of one s bent metal pipe which is a single continuous piece and that provides comfort while sitting, but also it gives you springiness while you sit.

Then this can cane weave, it adds to the comfort, but also it provides ventilation and that is absolutely great for hot and humid climates. Additionally the seat and the back have a wooden frame and these are separately assembled which makes the manufacturing process really easy because the metal part is done separately and then these frames are added on separately.

What a journey Marcel Breuers chair has seen. It is important for the designer to have a good understanding of possibilities and limitations of materials in manufacturing. I was thinking the classic designs like the chairs you just showed stay forever, but in the modern context products are evolving constantly.

Yes, this is due to constant advancement in technologies, manufacturing and materials also change as do peoples aspirations.