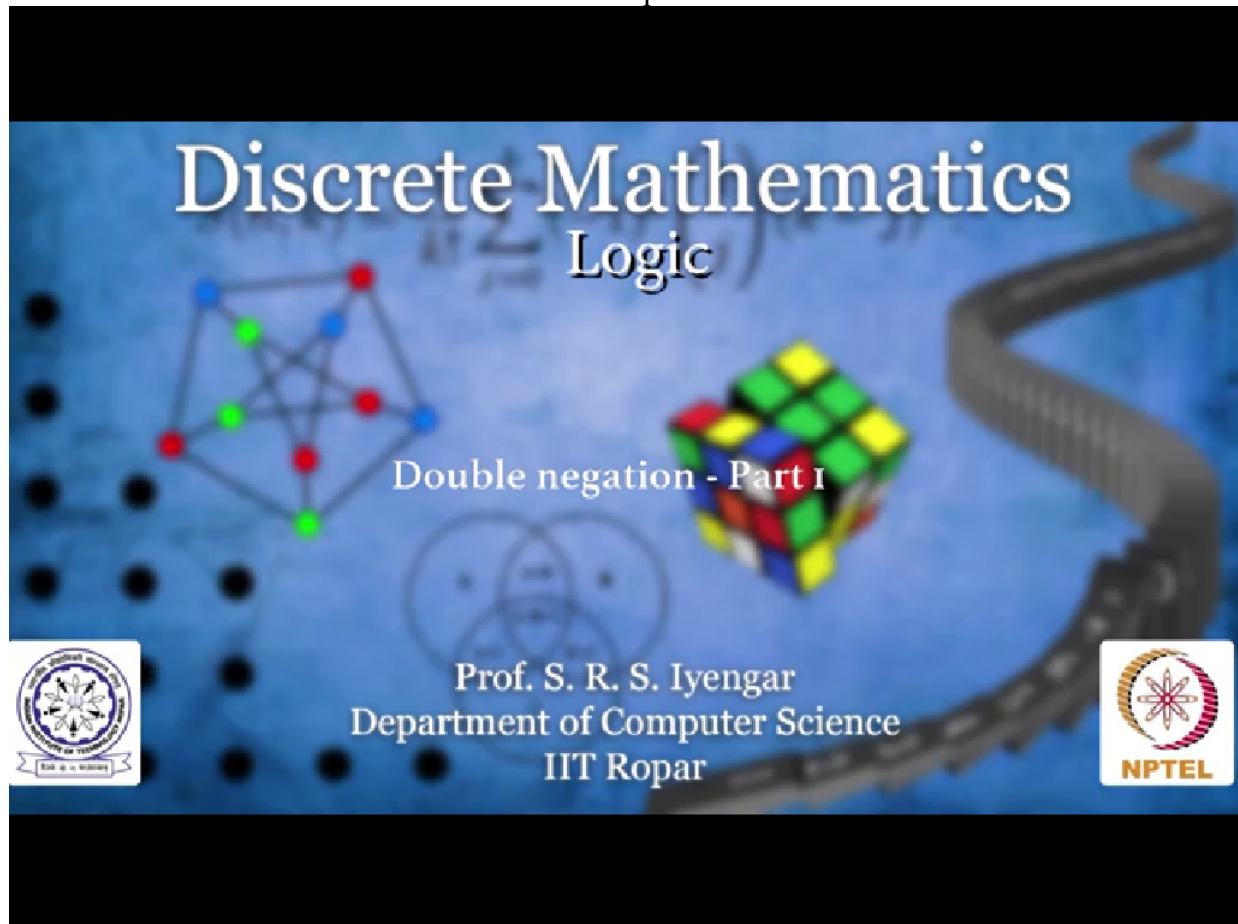


NPTEL
NPTEL ONLINE COURSE
Discrete Mathematics
Logic
Double negation - Part 1
Prof. S. R. S. Iyengar
Department of Computer Science
IIT Ropar



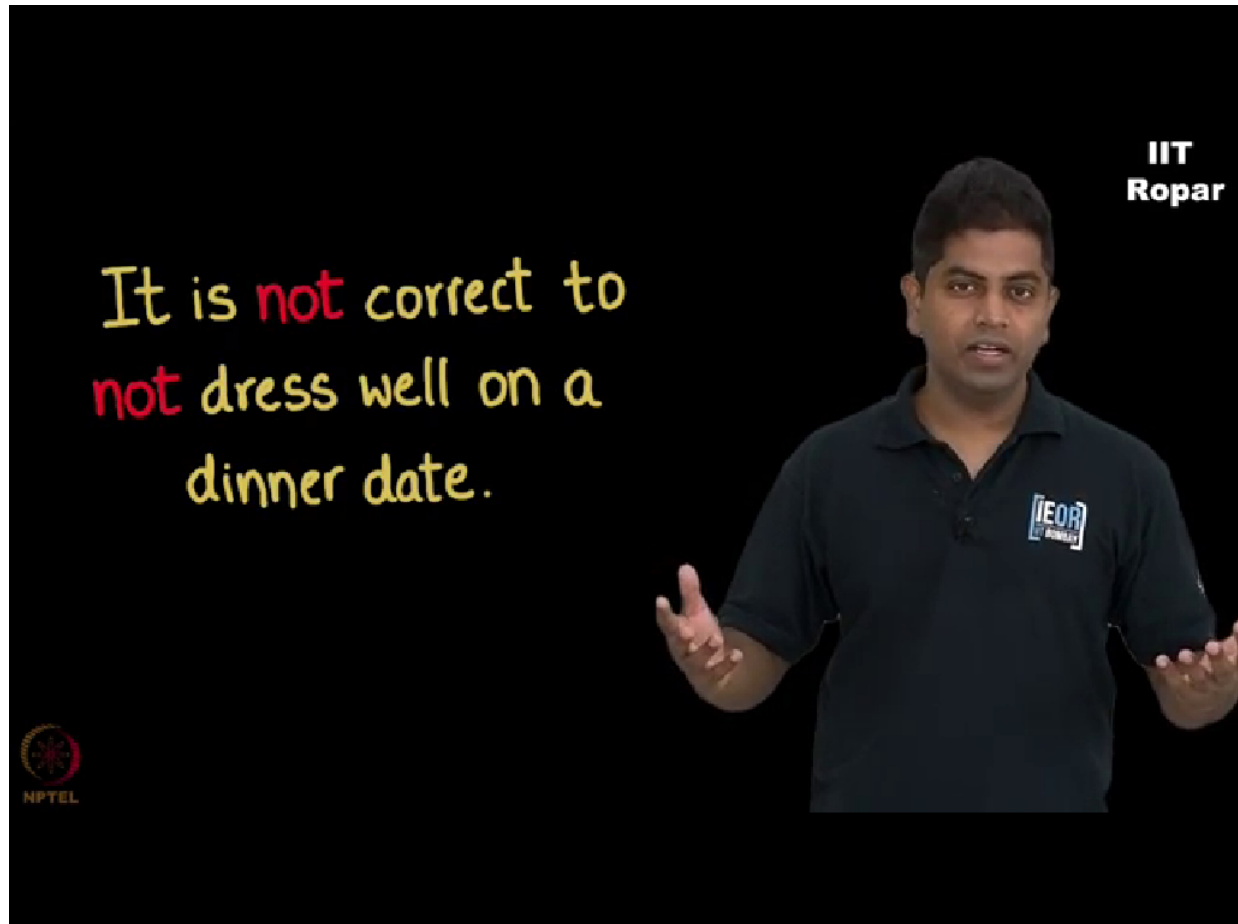
Look at this statement. “It is incorrect to not dress well on a dinner date.” What does it mean?

It is incorrect to
not dress well on a
dinner date.

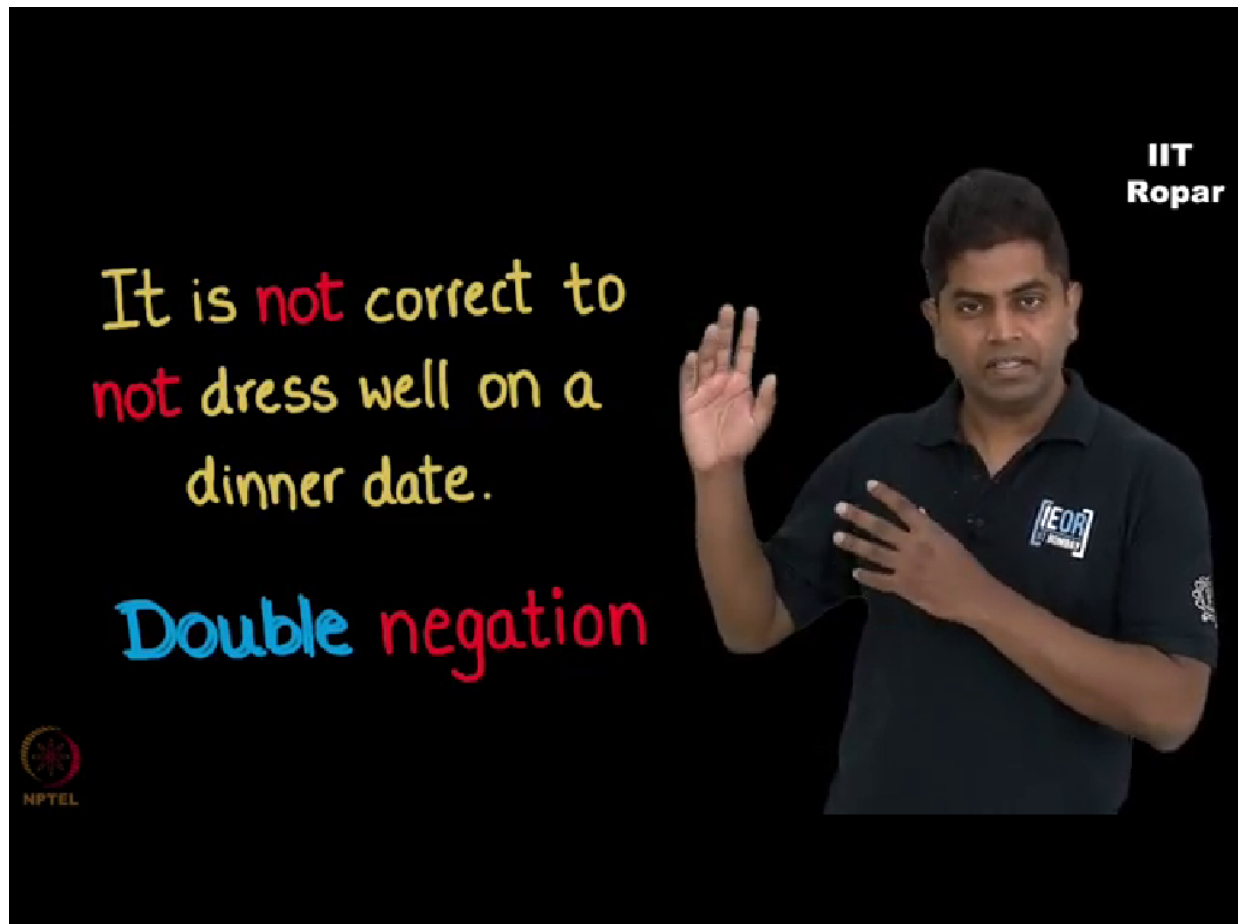
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I repeat, “It is incorrect to not dress well on a dinner date.” Do you see it is incorrect, incorrect is not correct, to not dress well. There is a not and a not in two places.



You know what that means. It simply means that you must dress well on a dinner date. Correct? But there's a twist and turn that we use here that just play on words, but this statement is actually called a double negation, right?



Not a statement, it is a sentence. As I told you, in our course, the word statement has a different connotation. This sentence has what is called a double negation. We will see more of this with good examples.

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