## Social Networks Prof. S. R. S. Iyengar Department of Computer Science Indian Institute of Technology, Ropar

## Lecture – 11 Introduction to Social Networks The Contagions

Later on we will impact look at very interesting humanly questions, what do I mean by humanly questions?

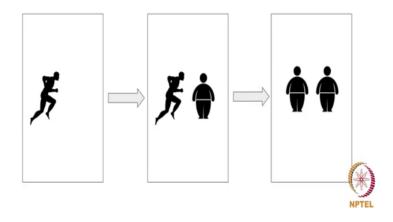
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We are in fact, going to answer this so called philosophical questions with very elegant computing computer science and mathematics; what are those questions?

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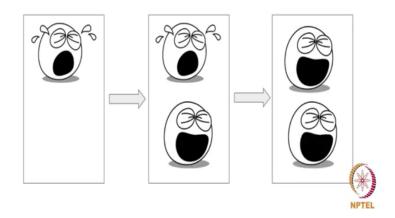
## Is obesity contagious?



Do you think obesity is contagious do you think if you are friends with the person who is obese you run into the danger of becoming obese?

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## Is happiness contagious?



Do you think if you are surrounded by happy people? You will be happy too. In fact, you will be surprised to note that happiness is not just contagious to one level, it is contagious to 2-3 levels by that I mean your friend's friend; if he is happy you will be happy; sounds like cooked up story, no it is not true, this is a very well established scientific fact, we will be seeing such questions and their answers.