

**NPTEL**

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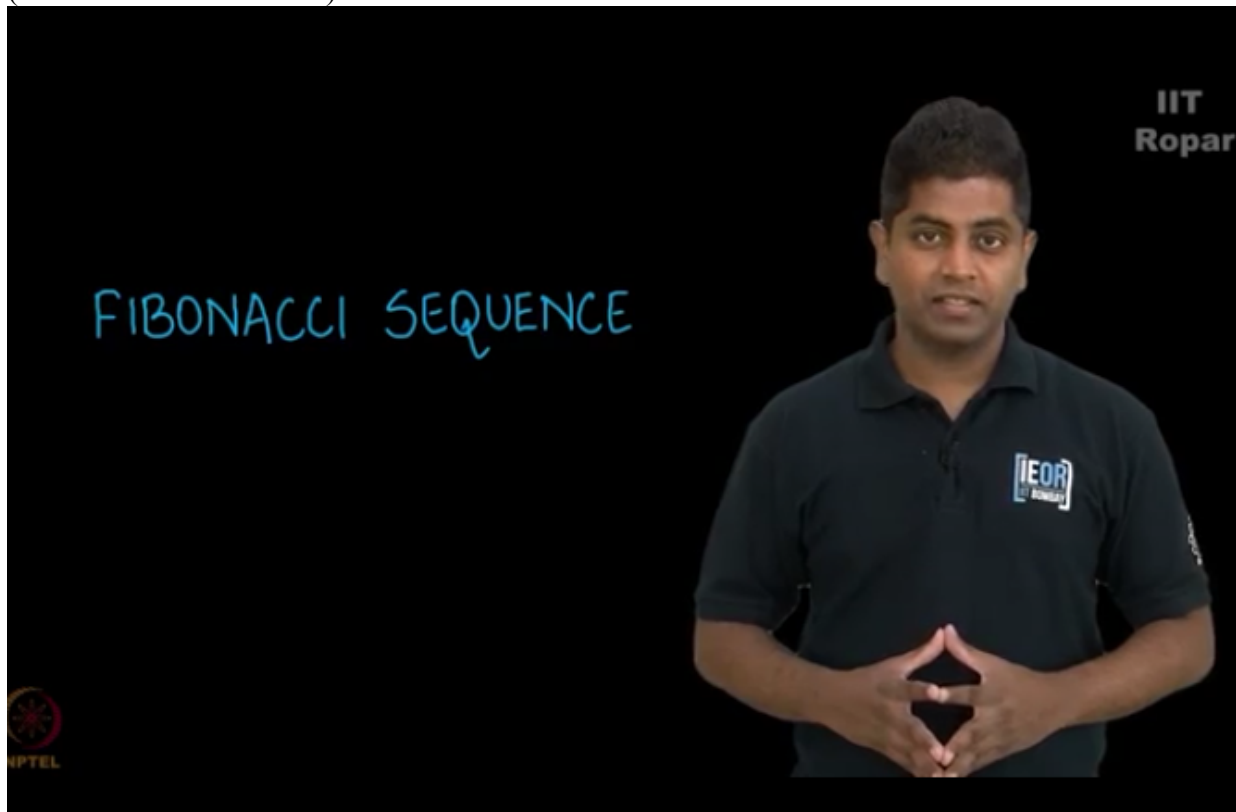
**Discrete Mathematics  
Recurrence Relation**

**Fibonacci Sequence**

**By  
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We are now going to concentrate on one of the most important sequences, and this is a sequence on which there are books written, documentaries made, a whole lot of research literature exists on this sequence, biologists love it, physicists love it, mathematicians of course love it, we are going to concentrate mainly on this sequence for the next few minutes, you would have heard of the sequence, it's called the Fibonacci Sequence.

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**Founded by  
Department of Higher Education  
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