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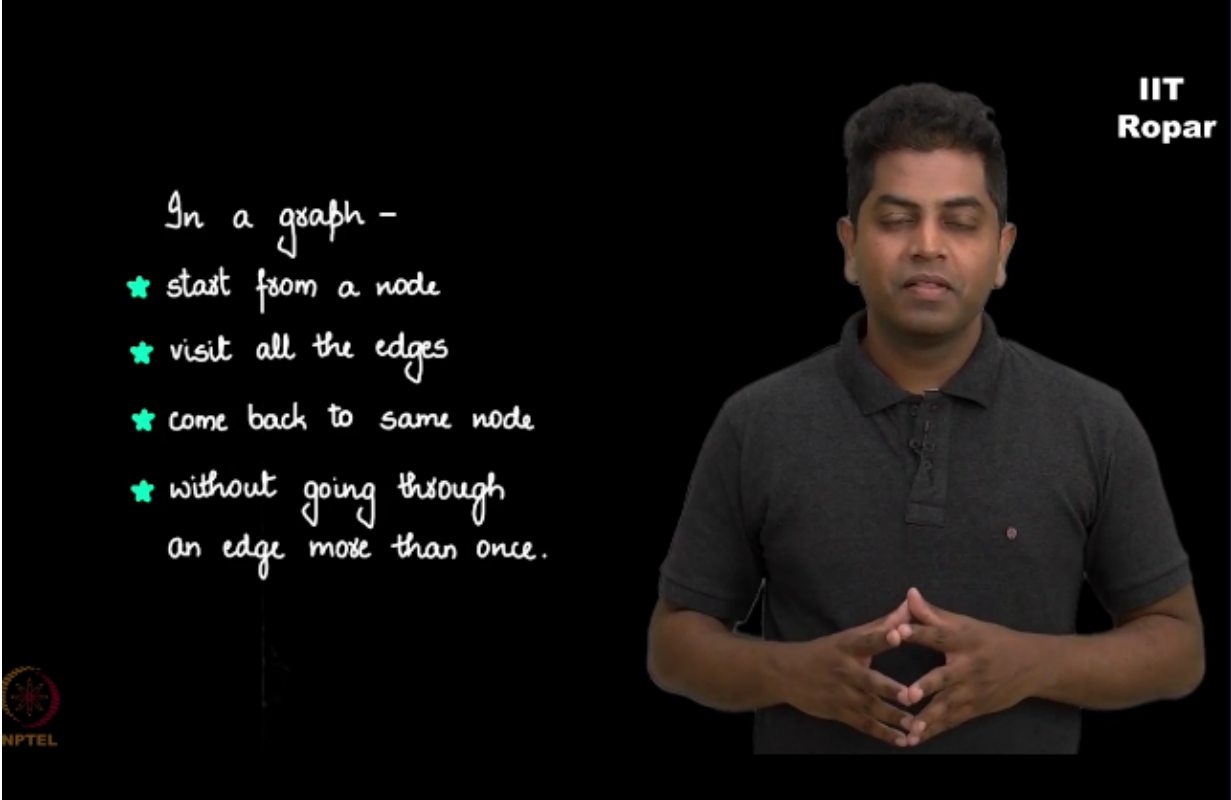
NPTEL ONLINE CERTIFICATION COURSE

Discrete Mathematics
Graph Theory - 2

Definition of Eulerian Graph

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In a graph if one can start from a node, visit all the edges and come back to the place where one started, exhausting all the edges of course without going through any edge more than once, (Refer Slide Time: 00:24)



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In a graph -

- ★ start from a node
- ★ visit all the edges
- ★ come back to same node
- ★ without going through an edge more than once.

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exactly complicated, such a graph is called an Eulerian graph. (Refer Slide Time: 00:27)

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EULERIAN GRAPH



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