



Module PMRF-ISSS077/2022

# Stochastic Process

Name of the PMRF student

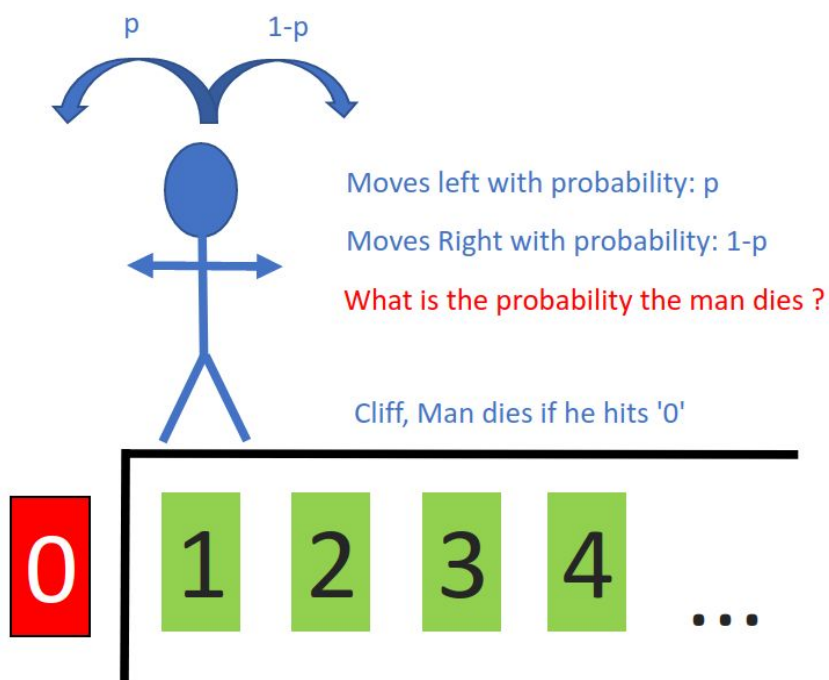
Aniket Mukherjee

Required background of the students taught

**3rd/4th UG** and **PG students** from any engineering discipline with interest in *stochastic control, communication networks, operations research*, can take this course.  
**Prerequisite:** A basic course on probability.

Online session coordinator

Will be chosen from the list of registrants



Details of the content of the module

1. Introduction and Probability Review
2. Poisson Process
3. Renewal Process
4. Markov chains
5. Continuous-time Markov chains
6. Martingales
7. Random Walks

Schedule of the module

**Start Date:** 17 /05/ 2023.

**End Date:** 30/08/2023.

**Lecture Times:** Wednesday, 6:00pm to 7:30pm

**Number of Lectures:** 16

**Meeting link :** Meeting link will be shared later

**Contact email ID:** [issf.forum@gmail.com](mailto:issf.forum@gmail.com)

**Registration link:** Click [here](#) for link.

<https://forms.gle/dMwpCh7UbXNVJAcN6>