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## Task 1



### eYRC 2020-21: Nirikshak Bot (NB)

## A. Getting started with CoppeliaSim - Part 1

- This video introduces the basics of CoppeliaSim software.
- Teams will learn about Features, User Interface, Pages, Views, Scenes, Camera Navigation, Position/Orientation Manipulation, Simulation Settings, Scripts, User Settings, Collections, Layers, Video Recorder, Scene Object Properties etc.

### Getting started with CoppeliaSim: Part 1





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## B. Getting started with CoppeliaSim - Part 2

- This video continues to teach about the basics of CoppeliaSim software.
- Teams will learn about Object Properties, Joints, Dynamic Properties, Force Sensors, Dummies, Linked Dummies, Getting familiar with e-Yantra's Robotic Arm and much more.

### Getting started with CoppeliaSim: Part 2



## C. Python Remote APIs

- Teams will learn to control the e-Yantra's Robotic Arm in CoppeliaSim software using a basic Lua script and Legacy Python Remote API script.

### Python Remote APIs in CoppeliaSim



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