

# Screening Task for P(11-8) - Project Research Associate

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Please attempt any one of the tasks. Remember that your submission will be graded on the quality of your work and validity of the results.

## Task 1:

- Download eSim by clicking on this [link](#).
- Install and learn to use eSim through these [Spoken Tutorials](#).
- Create and Simulate an Astable multivibrator circuit in eSim.
- Please assume the parameters in the correct range of the components.

## Task 2:

- Download eSim by clicking on this [link](#).
- Install and learn to use eSim through these [Spoken Tutorials](#).
- Create and Simulate JK Flip flop circuit in eSim.
- Please assume the parameters in the correct range of the components.

## Submission procedure for both Task 1 and Task 2:

1. Put your code along with other supporting files (if any) in a folder.
2. Rename that folder as "job\_code-first\_name", without quotes. For example, **P(11-8)-satish**
3. Compress the folder in ZIP format. Avoid any other compression format.
4. Mail the zip file to [info@fossee.in](mailto:info@fossee.in).

Make sure to put the mail subject-line as "job-code-YourName without quotes. For example, "P(11-8)-satish" No extension in the deadline will be considered for submission of screening task
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