Diagrams and Schematics Using Tikz
A Summer training initative by
The Free and Open Source Software (FOSS) Group
Indian Institute of Space Science and Technology, Thiruvananthapuram

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IMPORTANT INSTRUCTIONS — READ CAREFULLY

Answer **any one of the following questions**. Submissions must be made as a zip file named as "`<student_name>_<question_number>.zip`" containing similarly named .tex and .pdf files containing the TeX source and the output respectively. For example, `Nidish_2.zip`.

Submissions may be made only through email to
`fossgroup.iist@gmail.com` **on or before July 10, 2017**

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1. Draw the Logo of FOSS Group, IIST (as shown below) using `Tikz`. You can ignore the shadows and the shadings — a simple filled line drawing would suffice.

Figure 1: FOSS Group, IIST

2. Draw the free-body diagram of a square mass block (M) attached to a rigid wall through a spring (K) and a damper (b) (in parallel). Specify the forces involved with appropriate arrows.