

Please consider the following points:

- (1) you are requested to bring your own laptop for hands-on practice of R programming,
- (2) no TA/DA will be provided to attend the 2 Days Workshop
- (3) instruction on the installation of R-software are given below:

Instruction on the installation of two R-software

Please follow the process to install R and R-Studio, both the software, in your laptop, which you must bring to attend the workshop on both days. At first you are advised to install R software, thereafter install R-Studio software. Please ensure that your laptop is in full charge mode on each of the two days.

Installation of R Software

Step 1: For Laptop with 64 Bit**, please Click here: <https://cran.r-project.org/bin/windows/base/> and then click on [Download R-4.2.2 for Windows](#) (76 megabytes, 64 bit)

For Laptop with 32 Bit**, please Click here: <https://cran.r-project.org/bin/windows/base/old/4.1.2/> and then click on [R-4.1.2-win.exe](#) (after clicking, R software will start to download automatically to your laptop)

Step 3: Go to the "Download" folder on your computer and double-click on the downloaded R software file. The installation process will start.

Step 4: In the process, select the language as "English" and thereafter click on "Next" several times. For 32 Bit laptops only, all the files including 32 bits Files option in the mid of the process of installation (see the attached picture for the demo). Then R will be installed on your laptop. Finally click on "Finish" at the end, if the window asks you.

You will find an R software icon on your laptop's desktop.

**you can find the bit size of your laptop by right-clicking on the "My Computer" window and then clicking on "Properties". A page will come with system details. There you can see your bit under "system"

Installation of R-Studio Software

Step 1: Click here: <https://posit.co/download/rstudio-desktop/> and then scroll down. You will find "STEP 2:" . Under this click on the BLUE Tab. (after clicking, R-Studio software will start to download automatically to your laptop)

Step 2: Go to the "Download" folder on your computer and double-click on the downloaded R software file. The installation process will start.

Step 3: Thereafter click on "Next" several times. Then R will be installed on your laptop. Finally at the end, click on "Close" and "Finish", if the window asks you.

You will find an R software icon on your laptop's desktop. If it is not there, then you will find it on the left side of your screen after clicking on the "Windows" key. You can drag the icon into your laptop's desktop.

The same instructions have been emailed already to all the participants.