

In addition to being a Post Doctoral Researcher, I am also a part-time faculty at the New York University (Paris Campus) since January 2022. Typically I offer a course each semester on Database Management for undergraduate students. For the course, I set up the syllabus, deliver lectures and tutorials and set up exams and grade the students. Here is a brief report on my teaching philosophy.

## Teaching Philosophy

I have always been inspired from my teachers which motivated me to choose the academic career. I believe that teachers play a vital role to ignite the interest of a student in the subject. I enjoy teaching and always try to ensure that there is something for every student in the class. Throughout my PhD career, I have taken up the role of teaching assistant for various courses including Mathematical Logic, Theory of computation among others. I was involved in organizing summer schools at the Institute of Mathematical Sciences, Chennai aimed at undergraduate and graduate students where I have offered various short term courses in theoretical computer science.

I have also designed and taught a short course at Indian Institute of Science, Bangalore on ‘Proofs in First Order Logic’ under the TrainLogic program (<https://siddhartha-gadgil.github.io/TrainLogic/index.html#>).

Since moving to Paris for my Post Doc, after the end of lock-down phase, I resumed my teaching career at the New York University, Paris Campus. Since January 2022, every semester, I have offered a course on Database Management for undergraduate students. This is a 4-credit course for undergraduate students that introduces the students to various database models including relational and graph databases. For this course, my responsibilities include designing the syllabus, delivering the lectures and to evaluate the students (there are no co-tutors or teaching assistants for the course).

## Science Outreach

I believe that creating awareness about science in the society is as important as research and teaching. I have been actively involved in science popularization activities organized during my PhD. This included conducting classes for high school and undergraduate students on subjects that they typically do not study in their curriculum and organizing open days for general public. I was a co-organizer of the 2nd conference on Creative Mathematical Sciences Communication (website: <https://www.imsc.res.in/~cmssc2014/>).

I have been involved in translating some of the posters designed by Varuni et al, at the Institute of Mathematical Sciences into Kannada. Also, we (with Sahana LV) have translated the English version of a short article by Kamal Lodaya and Hari Dass on Annular Solar Eclipse into Kannada (<https://www.imsc.res.in/~kamal/sci/ec120.pdf>).

I believe that it is the duty of a researcher to put her/his work in the public domain to make the people aware of the research and its impact on the society.