

# Teaching report: January 2022 - December 2022

Ritam Pal

IISER Pune

**Place of teaching:** Fergusson College, Pune

**Summary:** During the last review period, I taught two M.Sc. courses as an assistant to the course coordinators in the physics department of Fergusson College, Pune. As a teaching assistant, I taught the students concepts related to their syllabus through lectures and interactive tutorial sessions to solve challenging problems. I also prepared question banks, which were used to set exam questions.

In the Spring 2022 semester, I was solely responsible for teaching the module Electromagnetic Potential and Fields. The course material was taught in the form of lectures. There were also interactive tutorial sessions to solve problems relevant to competitive examinations(e.g., GATE, NET, TIRF-GS). During the Fall 2022 semester, as a teaching assistant for the course Mathematical methods in physics, I taught few of the core concepts in mathematical physics and prepared relevant questions for examination purposes. All the teaching duties were carried out online, owing to restrictions during the pandemic.

**Duration of work:** I have spent about 24 hours on teaching duties spread over the last review period, which amounts to roughly 1 hour of work per every teaching week.

**Planned work:** As there is no course on computational physics in B.Sc. and M.Sc. curricula at Fergusson college, I plan to coordinate with the professors at Fergusson college to design and teach an introductory course on computation.



**Signature**

Ritam Pal

ID: 20193704, IISER Pune