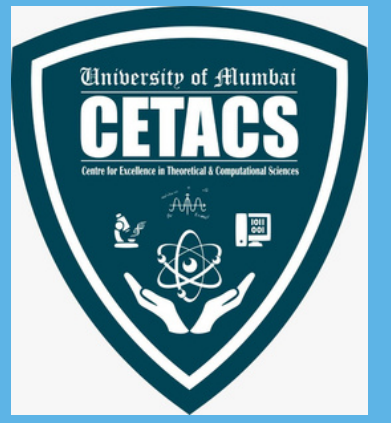




University of Mumbai

University of Mumbai  
**Centre for Excellence in Theoretical  
and Computational Sciences**



## Short Course on the Parabolic PDE with Applications in Physics- August 22-27, 2022

Partial Differential Equations (PDE) have a major role to play in mathematical modelling of several phenomena in Physics and other Sciences such as biology, chemistry, finance and engineering. The aim of the workshop is to give a fairly detailed introduction to linear and nonlinear Parabolic PDEs along with a few interesting applications. Specific PDEs such as Reaction Diffusion equation will be discussed. The course will be self contained and we encourage the research students in Physics, Mathematics and other areas of sciences which require the knowledge of Parabolic PDEs to enrol.

The lectures will be held online from **2.00-5.00 pm** .

**Registration Fee:** Rs. 500/- for Teachers/Postdoctoral Fellows/Industry personnels.

No registration fee for Masters and PhD Students.

**[Click here to REGISTER](#)**

Last date of registration **August 15, 2022**

### **Course Instructors**

Professor Ameeya Bhagwat (UM-DAE CEBS, Deputy Director CETACS)

Professor Jyotshana V. Prajapat (University Department of Mathematics)

### **Guest Speakers**

Professor Deepak Dhar

( Distinguished Emeritus Professor IISER Pune and NASI-Senior Scientist )

Professor Andrew Krause

( Department of Mathematical Sciences, Durham University, UK)