

I am a PhD student at Indian Delhi Institute of Technology (IITD), INDIA, working closely with the high performing computing system for my PhD thesis on “**Improved Convection and Cloud Parameterization: Towards an India Centric Climate Model (ICCM)**”. My work focuses on identifying the various sources of biases in GCMs, and improving the deep convective and cloud processes. In the development of ICCM, I am facing the various challenges in scientific computing related to the software environment, code execution, and big data handling. Since, this summer school is focusing the HPC topics that are largely helpful to my PhD work. The opportunity of attending this summer school will provide me with more advanced scientific views on HPC, which would make me very effective and enhance my scientific ability. Attending this summer school will not only advance my scientific prospective, but also advance my professional life and add value to the resume. I am very much excited to attend this summer school but due to my budget constraint, as in India PhD student gets very less stipend (~500USD per month), it would not be possible to attend this summer school. Hence, I request you to please consider my applicability for this travel subsidy.