



PhD Project

Project Details

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| Project Title | Heat Transfer and Fluid Flow in Earth's Atmosphere |
| Project Summary | To study heat transfer and fluid flow in Earth's atmosphere using computational fluid dynamics (CFD) techniques, with an objective to improve physical parameterizations used in climate models. This project involves expertise in both CFD as well as climate modelling. |

PhD Supervisors

| Role | Faculty | Academic Unit in IITD | Email ID |
|--------------|----------------|----------------------------|------------------------|
| Supervisor 1 | Anupam Dewan | Applied Mechanics (AM) | adewan@am.iitd.ac.in |
| Supervisor 2 | Sandeep Sahany | Atmospheric Sciences (CAS) | ssahany@cas.iitd.ac.in |

Project requirements

B.Tech / M.Tech in Mechanical / Aerospace / Civil Engineering or M.Tech. in Atmospheric Science