



# Center for Atmospheric And Climate Sciences

Environmental Engineering Division  
Department of Civil Engineering, IIT Madras



## Ravinder Arigela

Direct Ph.D.  
(2016- 2024)

### Advisors

R. Ravi Krishna

## Present status

I am an aerosol and air quality scientist, currently working as an institute post doctoral fellow at the Environmental Engineering Department at Indian Institute of Technology, Bombay, India

## About Me

I am a curiosity-driven researcher specializing in the fate and transport of bioaerosols and indoor air quality modeling. During my Ph.D., I worked on measuring and modelling of bioaerosol fluxes from solid waste surfaces. As a doctoral researcher, I gained expertise in aerosol science, bioaerosol emission and transport, environmental metagenomics, microbe-fluid interactions, and computational fluid dynamics (CFD) modeling. Currently, I am working on indoor air quality measurements and modeling in IIT Bombay classrooms to estimate airborne disease transmission.

## Research Interest

- Aerosol and air quality
- Bio aerosol emission and transport
- Indoor air quality measurements and modelling

### Contact Me:

Mob: +91 6300419530

Email: [ravinder.iit@gmail.com](mailto:ravinder.iit@gmail.com)

