



## Kiran Bhaganagar, Ph.D.

### Assistant Professor

Department of Mechanical Engineering

#### Field of Study:

Mechanical Engineering

#### Areas of Teaching Interest:

- Fluid Dynamics
- Turbulence
- Computational Fluid Dynamics
- Numerical Methods

#### Areas of Research Interest:

- Turbulence
- Direct numerical simulations
- Numerical algorithms
- Physiological flows including flow in coronary artery and study of stenosis
- Coastal flows including ripples, rough-ocean bed
- Physics of turbulence
- Rough-wall turbulence