

Aspiring PI Info:

- Gokarna Sharma
- Associate Professor of Computer Science
- Kent State University

Research interests:

- **Distributed Systems**
- **Robotics**
- **Blockchain**
- **Fault-tolerance**

Current Project(s)

- **Transactional memory in distributed systems**
- **Fault-tolerant consensus in networks**
- **Online algorithms under predictions (machine-learned/temporal/spatial)**

Project Idea(s)

- Can self-stabilizing techniques in some form be used in some applications in the field?
- What formal methods help to identify and mitigate impact of dis-honest participants in cyber-physical systems?

... and possible collaborators sought

- In formal methods and/or In the field
- Complementary interests

